YAESU

HF/50 MHz TRANSCEIVER

FT-2000/D

Technical Supplement

©2007 VERTEX STANDARD CO., LTD. EH025H90B

VERTEX STANDARD CO., LTD.
4-8-8 Nakameguro, Meguro-Ku, Tokyo 153-8644, Japan
VERTEX STANDARD
US Headquarters
10900 Walker Street, Cypress, CA 90630, U.S.A.
YAESU EUROPE B.V.
P.O. Box 75525, 1118 ZN Schiphol, The Netherlands
YAESU UK LTD.
Unit 12, Sun Valley Business Park, Winnall Close
Winchester, Hampshire, SO23 0LB, U.K.
VERTEX STANDARD HK LTD.
Unit 5, 20/F., Seaview Centre, 139-141 Hoi Bun Road,
Kwun Tong, Kowloon, Hong Kong
VERTEX STANDARD (AUSTRALIA) PTY., LTD.
Normanby Business Park, Unit 14/45 Normanby Road
Notting Hill 3168, Victoria, Australia

Introduction

This manual provides technical information necessary for servicing the FT-2000/D HF/50 MHz Transceiver.

Servicing this equipment requires expertise in handling surface-mount chip components. Attempts by non-qualified persons to service this equipment may result in permanent damage not covered by the warranty, and may be illegal in some countries.

Two PCB layout diagrams are provided for each double-sided circuit board in the Transceiver. Each side of is referred to by the type of the majority of components installed on that side ("leaded" or "chip-only"). In most cases one side has only chip components, and the other has either a mixture of both chip and leaded components (trimmers, coils, electrolytic capacitors, ICs, etc.), or leaded components only.

While we believe the technical information in this manual to be correct, VERTEX STANDARD assumes no liability for damage that may occur as a result of typographical or other errors that may be present. Your cooperation in pointing out any inconsistencies in the technical information would be appreciated.

Contents

Specifications
Exploded View & Miscellaneous Parts
Block Diagram
Connection Diagram
Alignment
Board Unit (Schematics, Layouts & Parts)
- MAIN Unit
- VRF Unit
- BPF Unit
- ANT Unit
- DVS Unit
- CNTL Unit
- LOCAL Unit
- RX-2 Unit
- PA-A Unit
- PA-B Unit
- TUNER-MAIN Unit
- TUNER-CNTL Unit
- DSP Unit
- VR-A Unit
- VR-B Unit
- SW-A Unit
- MIC Unit
- JACK Unit
- KEY Unit
- BACK-LIGHT Unit
- F-CONNECT Unit

Specifications

General

Rx Frequency Range:	30 kHz - 60 MHz (operating) 160 - 6 m (specified performance, Amateur bands only)
Tx Frequency Ranges:	160 - 6 m (Amateur bands only)
Frequency Stability:	±0.5 ppm (after 1 minute @+77 °F [+25 °C]) ±1.0 ppm (after 1 minute @+14 °F ~ +122 °F [–10 °C ~ +50 °C])
Operating Temperature Range:	14 °F ~ +122 °F (–10 °C ~ +50 °C)
Emission Modes:	A1A (CW), A3E (AM), J3E (LSB, USB), F3E (FM), F1B (RTTY), F1D (PACKET), F2D (PACKET)
Frequency Steps:	1/10 Hz (SSB, CW, & AM), 100 Hz (FM)
Antenna Impedance:	50 Ohms, unbalanced 16.7 - 150 Ohms, unbalanced (Tuner ON, 160 - 10 m Amateur bands) 25 - 100 Ohms, unbalanced (Tuner ON, 6 m Amateur band)
Power Consumption: (@117 VAC)	Rx (no signal) 70 VA Rx (signal present) 80 VA Tx (100 W Type) 450 VA Tx (200 W Type) 720 VA
Supply Voltage:	AC: 90 VAC - 132 VAC or 180 VAC- 264 VAC DC: DC 13.8 V ± 10% (100 W Type)
Dimensions (WxHxD):	16.1″ x 5.3″ x 13.8″ (410 x 135 x 350 mm)
Weight (approx.):	100 W Type: 32 lbs (14.5 kg) 200 W Type: 34.1 lbs (15.5 kg)

Transmitter

Power Output:	100 W Type: 5 - 100 watts (2 - 25 watts AM carrier) 200 W Type: 5 - 200 watts (5 - 50 watts AM carrier, 10 - 75 watts Class-A / SSB)
Modulation Types:	J3E (SSB): Balanced, A3E (AM): Low-Level (Early Stage), F3E (FM): Variable Reactance
Maximum FM Deviation:	±5.0 kHz/±2.5 kHz
Harmonic Radiation:	100 W Type: Better than –60 dB (160 - 10m Amateur bands) 100 W Type: Better than –70 dB (6m Amateur band) 200 W Type: Better than –60 dB
SSB Carrier Suppression:	At least 60 dB below peak output
Undesired Sideband Suppression:	At least 60 dB below peak output
Audio Response (SSB):	Not more than –6 dB from 300 to 2700 Hz
3rd-order IMD:	100 W Type: –31 dB @14 MHz 100 watts PEP 200 W Type: –31 dB @14 MHz 200 watts PEP 200 W Type: –45 dB @14 MHz 75 watts Class-A
Microphone Impedance:	600 Ohms (200 to 10 kOhms)

FP-2000 Power Supply

Input Voltage:	90 VAC - 264 VAC, 50 - 60 Hz (Universal)
Output Voltage:	50 VDC, 13.8 VDC
Maximum Power Consumption (approx.):	720 VA
Maximum Output Current:	720 VA
Case Size (WxHxD):	3.9″ x 5.3″ x 13.8″ (100 x 135 x 350 mm)
Weight (approx.):	7.9″ lb (3.6 kg)

Receiver

Circuit Type: Main (VFO-A); Triple-conversion superheterodyne
Sub (VFO-B); Double-conversion superheterodyne

Intermediate Frequencies: Main (VFO-A); 69.450 MHz/450 kHz/30 kHz (24 kHz for AM/FM),
Sub (VFO-B); 40.455 MHz/455 kHz

Sensitivity (RF AMP 2 "ON"):
SSB (2.4 kHz, 10 dB S+N/N)
- 2 μV (0.1 - 1.8 MHz)
- 0.2 μV (1.8 - 30 MHz)
- 0.125 μV (50 - 54 MHz)

AM (6 kHz, 10 dB S+N/N, 30 % modulation @400 Hz)
- 6 μV (0.1 - 1.8 MHz)
- 2 μV (1.8 - 30 MHz)
- 1 μV (50 - 54 MHz)

FM (BW: 15 kHz, 12 dB SINAD)
- 0.5 μV (28 - 30 MHz)
- 0.35 μV (50 - 54 MHz)

There is no specification in frequency ranges not listed.

Squelch Sensitivity: (RF AMP 2 "ON")
SSB/CW/AM
- 2 μV (0.1 - 30 MHz)
- 2 μV (50 - 54 MHz)

FM
- 1 μV (28 - 30 MHz)
- 1 μV (50 - 54 MHz)

There is no specification in frequency ranges not listed.

Selectivity (–6/–60 dB):
Main (VFO-A)

Mode	–6 dB	–60 dB
CW/RTTY/PKT	0.5 kHz or better	750 Hz or less
SSB	2.4 kHz or better	3.6 kHz or less
AM	6 kHz or better	15 kHz or less
FM	15 kHz or better	25 kHz or less

(WIDTH: Center, VRF: OFF)

Sub (VFO-B)

Mode	–6 dB	–60 dB
CW/RTTY/PKT	1.1 kHz or better	3.0 kHz or less
SSB	2.2 kHz or better	4.5 kHz or less
AM	6 kHz or better	25 kHz or less
FM	12 kHz or better	30 kHz or less

Image Rejection: 70 dB or better (160 - 10m Amateur bands)
60 dB or better (6m Amateur band)

Maximum Audio Output: 2.5 W into 4 Ohms with 10% THD

Audio Output Impedance: 4 to 8 Ohms (4 Ohms: nominal)

Conducted Radiation: Less than 4000 μμW

Specifications are subject to change, in the interest of technical improvement, without notice or obligation, and are guaranteed only within the amateur bands.

Specifications

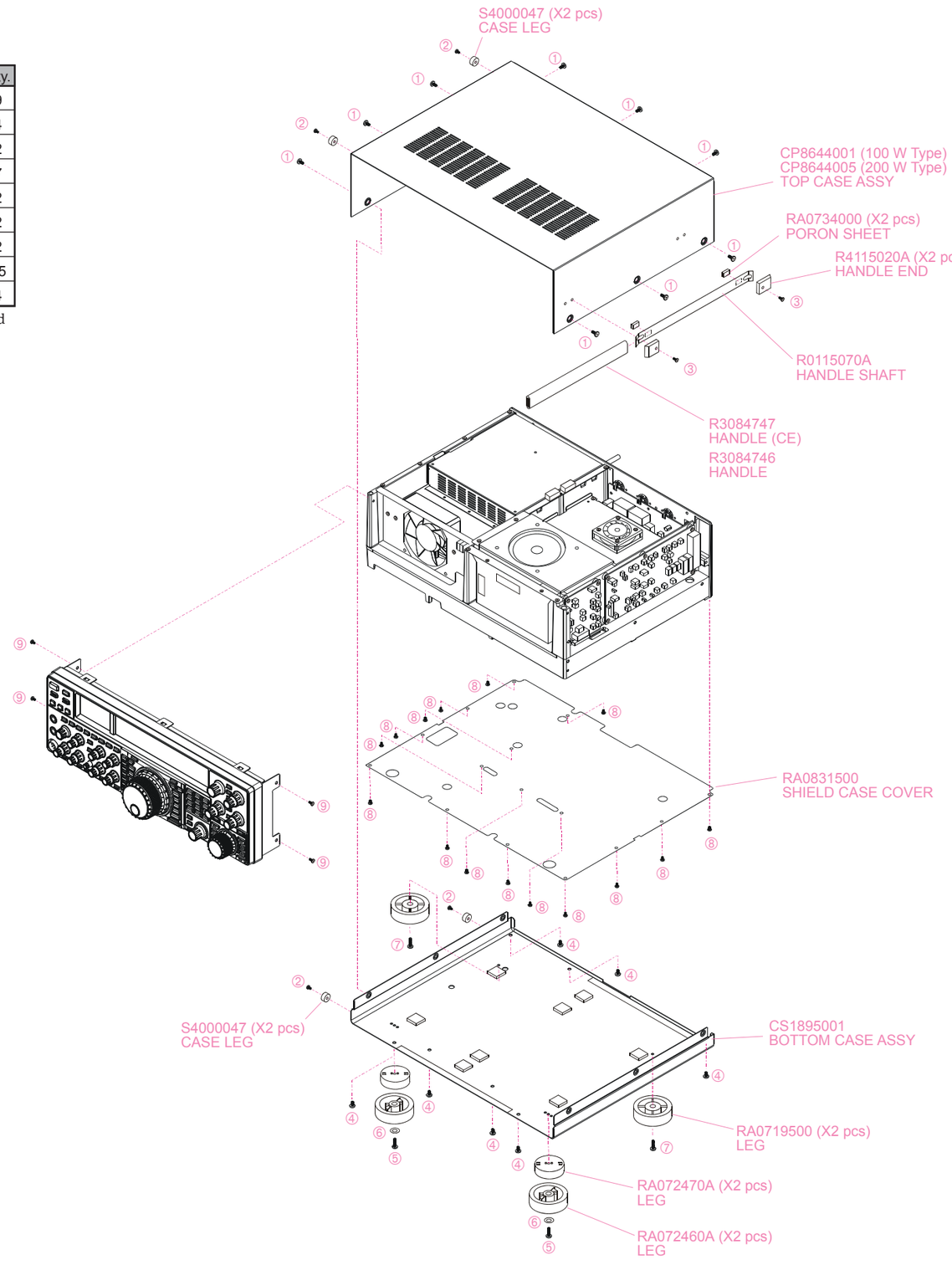
Note

Exploded View

Case ASSY

REF.	VXSTD P/N	Description	Qty.
①	U31408007	OVAL HEAD SCREW M4X8B	9
②	U24305007	BIND HEAD TAPTITE-B M3X5B	4
③	U31410020	OVAL HEAD SCREW M4X10SUS	2
④	U31306007	OVAL HEAD SCREW M3X6B	7
⑤	U24425007	BIND HEAD TAPTITE-B M4X25B	2
⑥	U70005002	PLAIN WASHER FW5NI	2
⑦	U24410007	BIND HEAD TAPTITE-B M4X10B	2
⑧	U24306002	BIND HEAD TAPTITE-B M3X6NI	15
⑨	U34308001	FLAT HEAD TAPTITE-B M3X8	4

Non-designated parts are available only as part of a designated assembly.



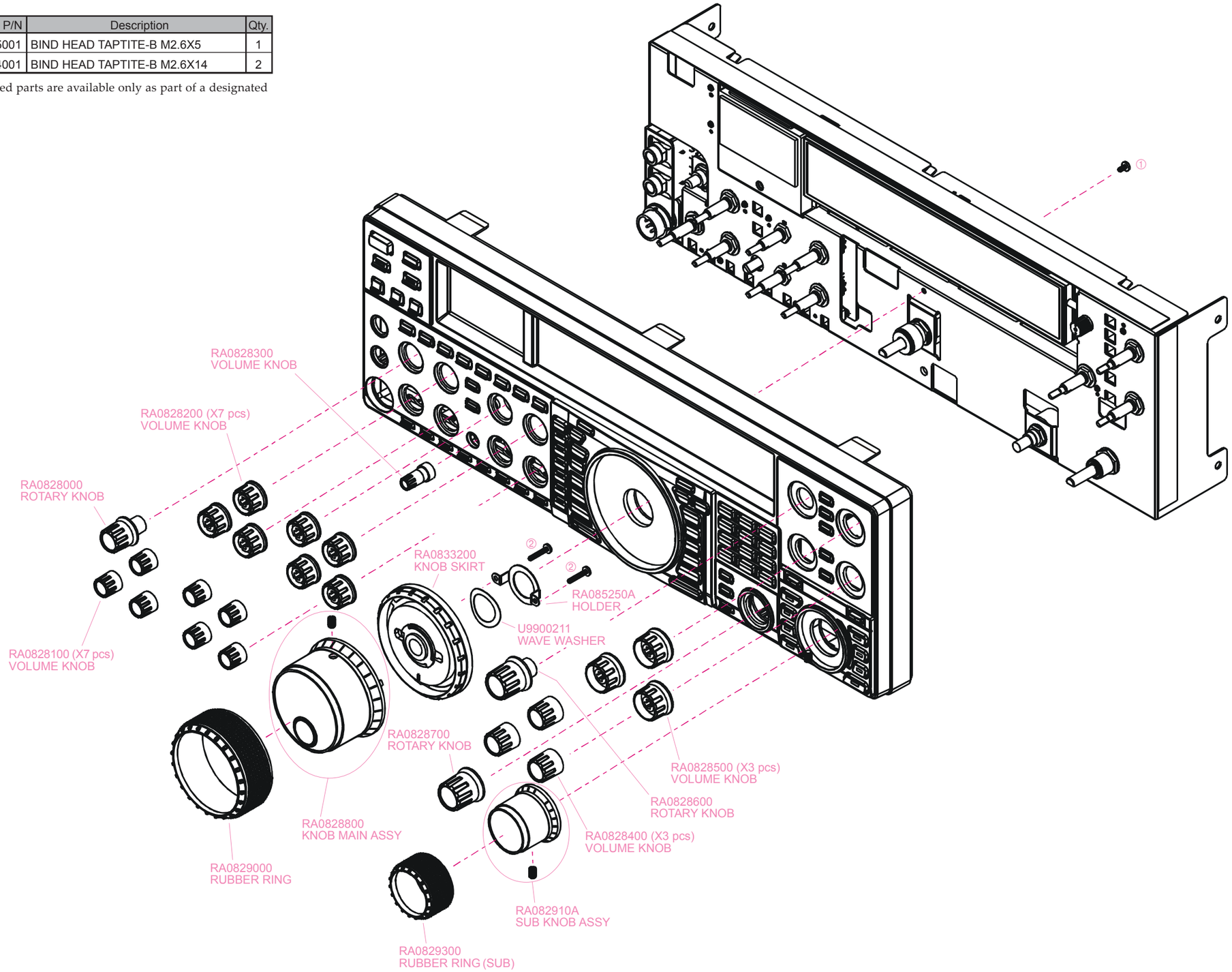
Exploded View-1

Exploded View

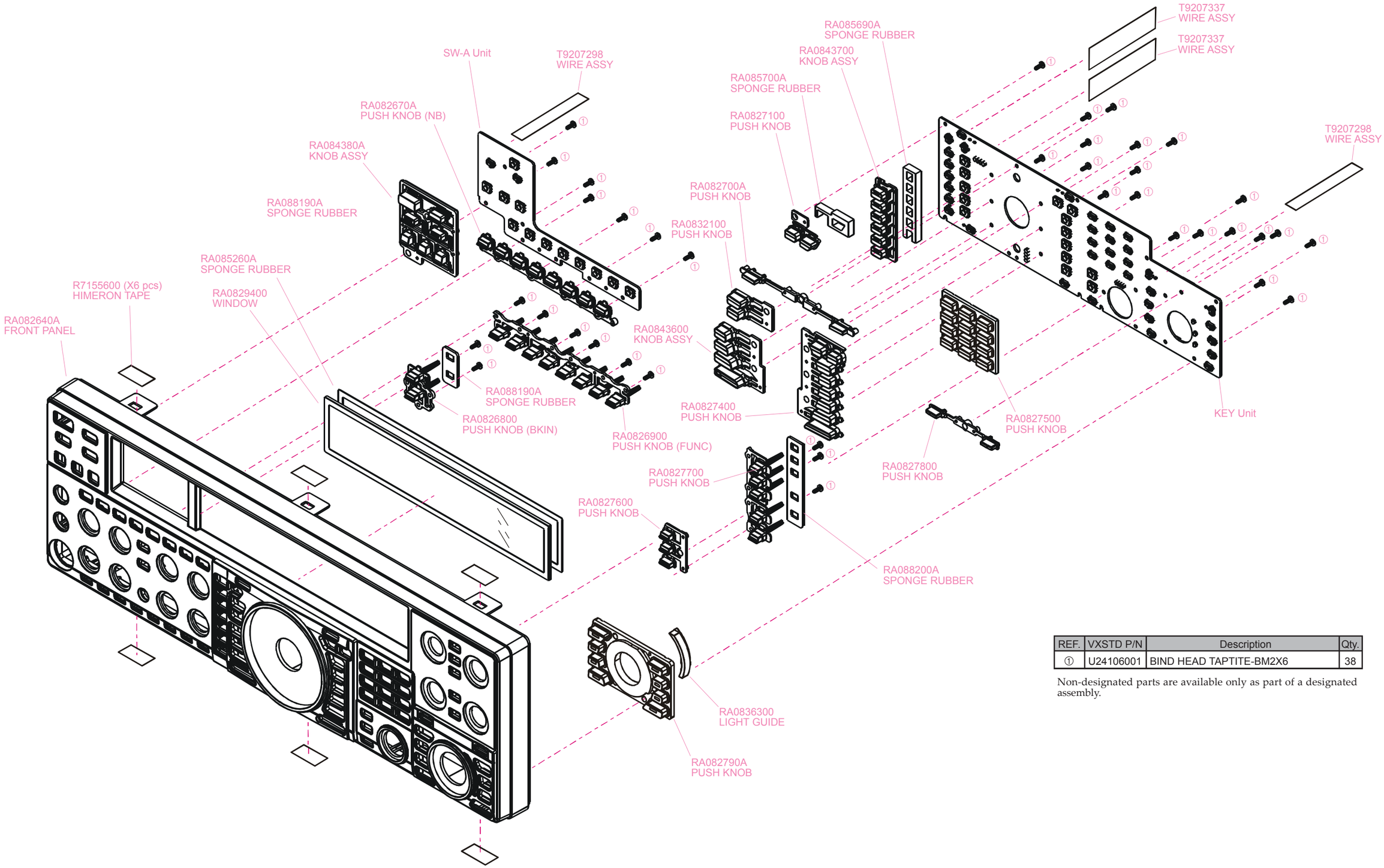
Panel ASSY (1/2)

REF.	VXSTD P/N	Description	Qty.
①	U24205001	BIND HEAD TAPTITE-B M2.6X5	1
②	U24214001	BIND HEAD TAPTITE-B M2.6X14	2

Non-designated parts are available only as part of a designated assembly.



Exploded View-2



REF.	VXSTD P/N	Description	Qty.
①	U24106001	BIND HEAD TAPTITE-BM2X6	38

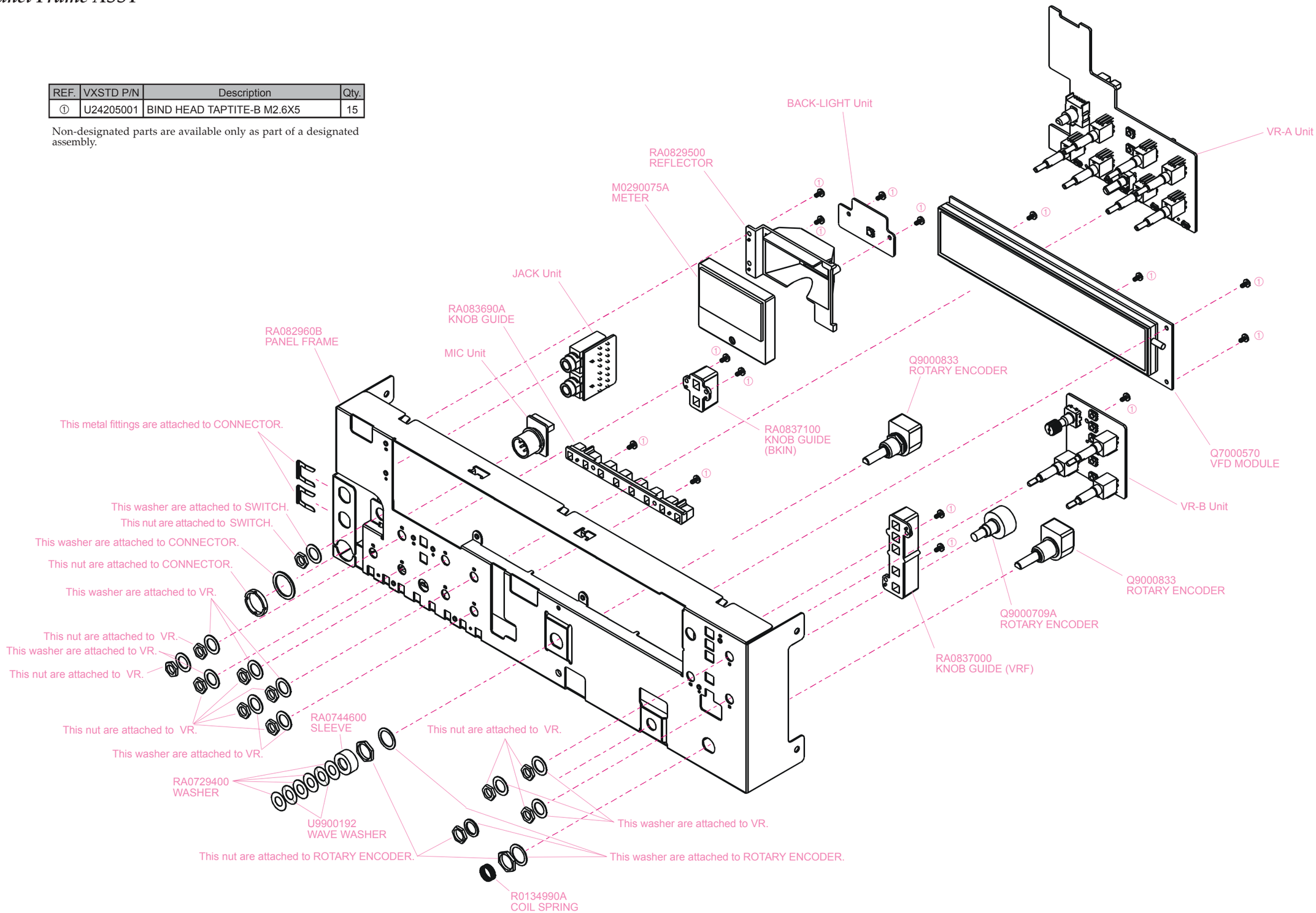
Non-designated parts are available only as part of a designated assembly.

Exploded View

Panel Frame ASSY

REF.	VXSTD P/N	Description	Qty.
①	U24205001	BIND HEAD TAPTITE-B M2.6X5	15

Non-designated parts are available only as part of a designated assembly.



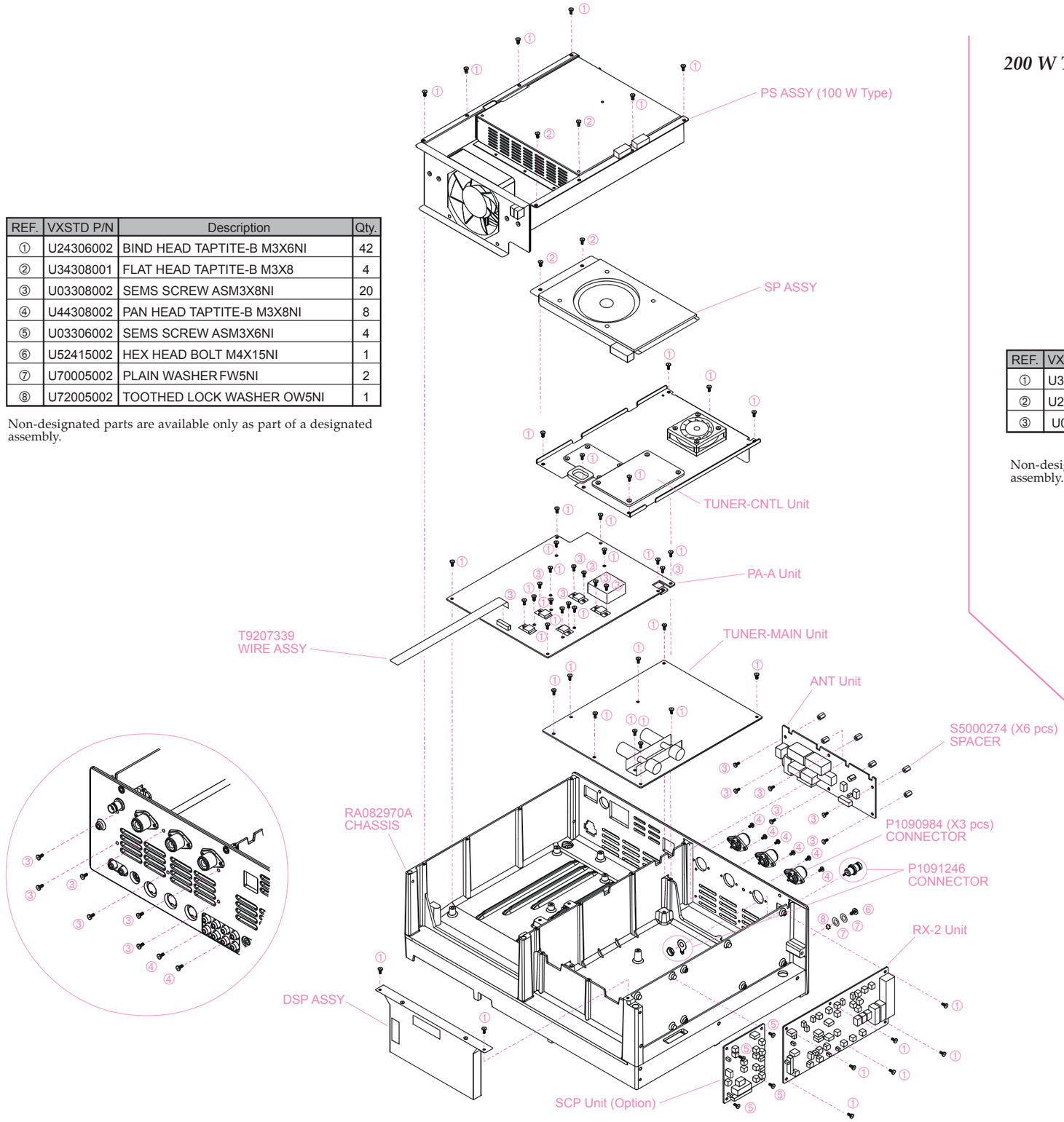
Exploded View-4

Exploded View

CHASSIS ASSY (1/4)

REF.	VXSTD P/N	Description	Qty.
①	U24306002	BIND HEAD TAPTITE-B M3X6NI	42
②	U34308001	FLAT HEAD TAPTITE-B M3X8	4
③	U03308002	SEMS SCREW ASM3X8NI	20
④	U44308002	PAN HEAD TAPTITE-B M3X8NI	8
⑤	U03306002	SEMS SCREW ASM3X6NI	4
⑥	U52415002	HEX HEAD BOLT M4X15NI	1
⑦	U70005002	PLAIN WASHER FW5NI	2
⑧	U72005002	TOOTHED LOCK WASHER OW5NI	1

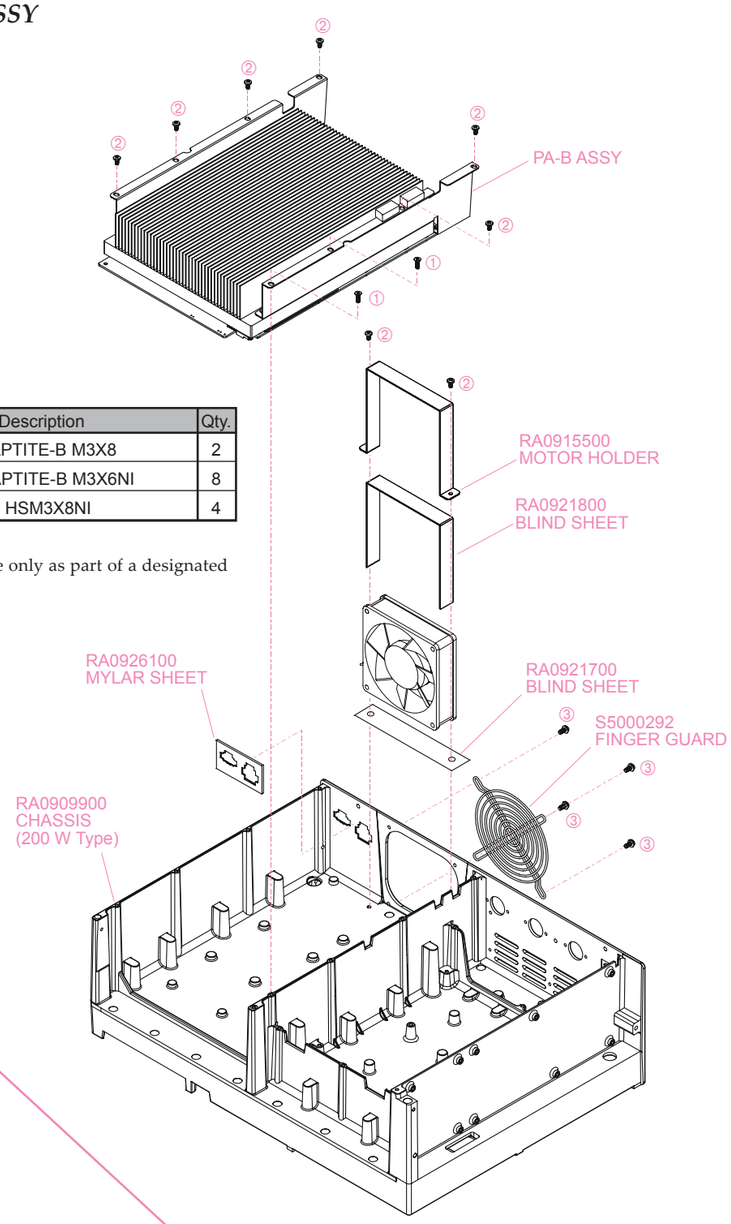
Non-designated parts are available only as part of a designated assembly.



200 W Type CHASSIS ASSY

REF.	VXSTD P/N	Description	Qty.
①	U34308001	FLAT HEAD TAPTITE-B M3X8	2
②	U24306002	BIND HEAD TAPTITE-B M3X6NI	8
③	U0430800	SEMS SCREW HSM3X8NI	4

Non-designated parts are available only as part of a designated assembly.



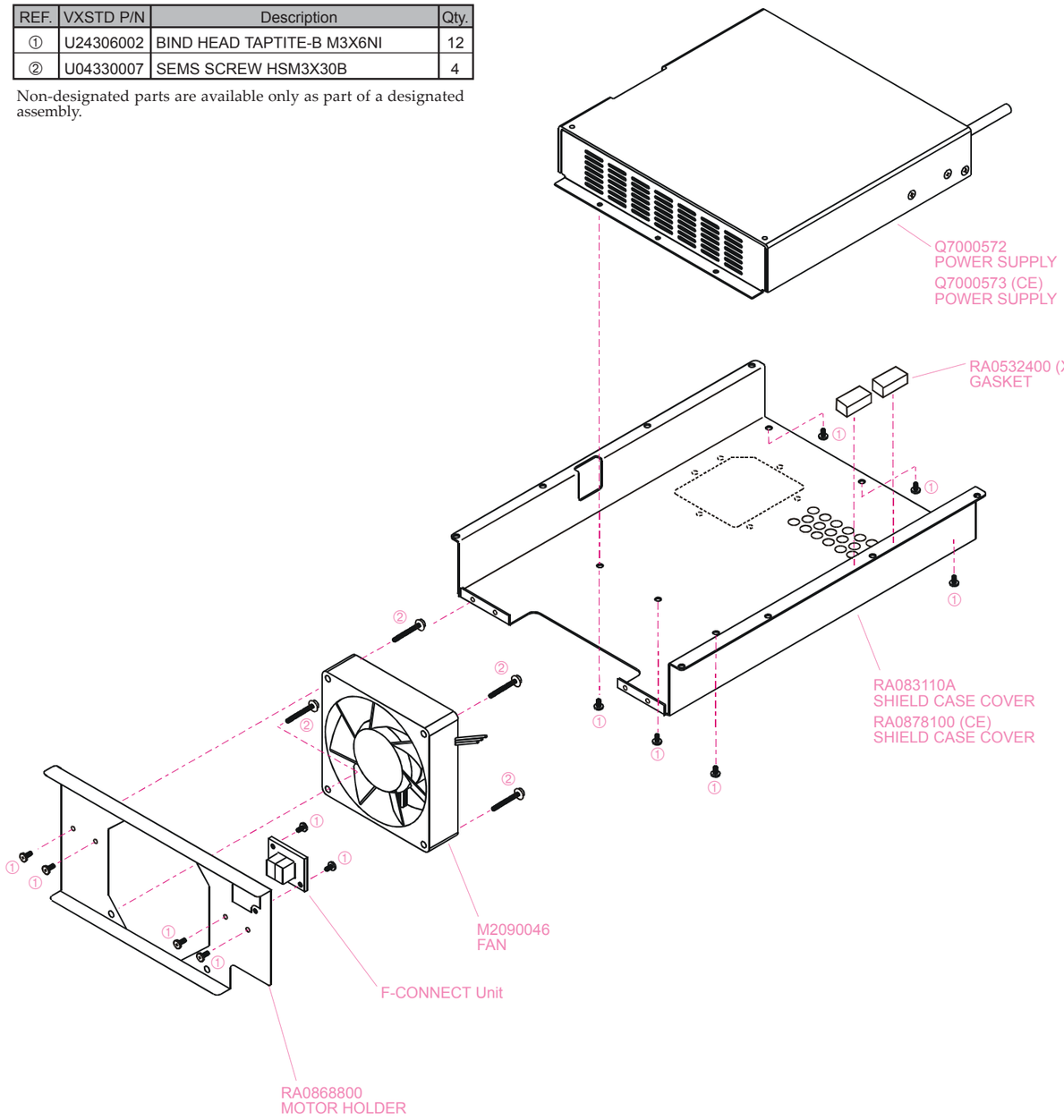
Exploded View

CHASSIS ASSY (2/4)

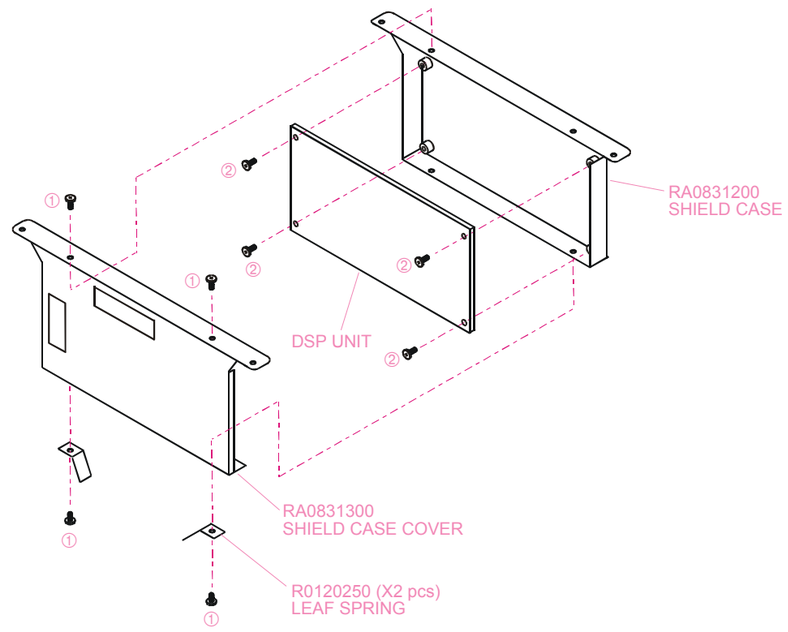
PS ASSY (100 W Type)

REF.	VXSTD P/N	Description	Qty.
①	U24306002	BIND HEAD TAPTITE-B M3X6NI	12
②	U04330007	SEMS SCREW HSM3X30B	4

Non-designated parts are available only as part of a designated assembly.



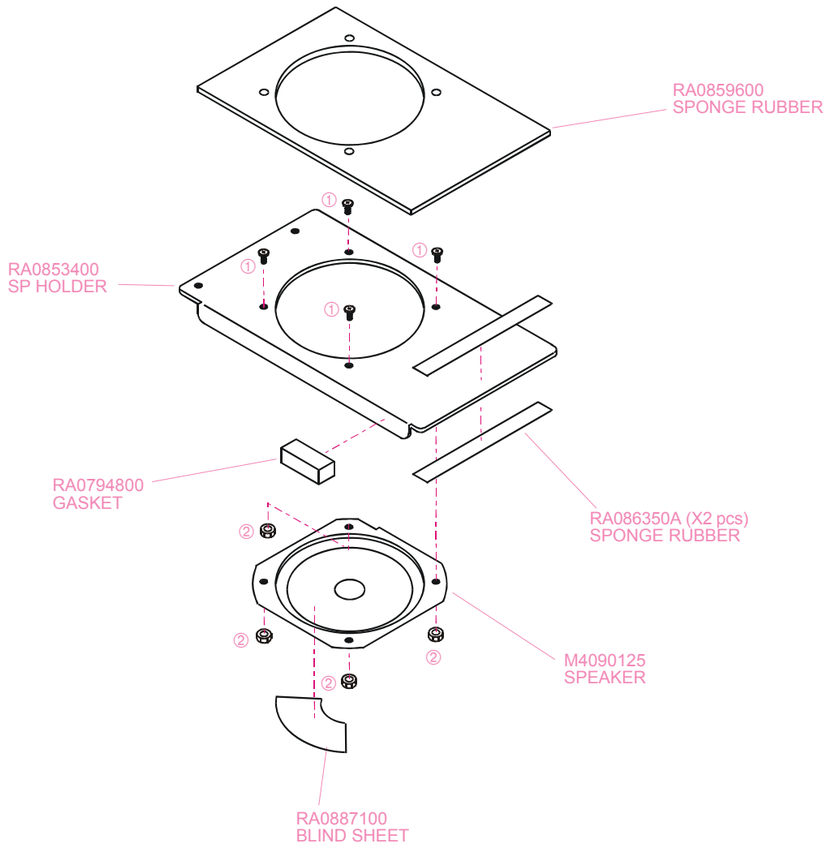
DSP ASSY



REF.	VXSTD P/N	Description	Qty.
①	U24206002	BIND HEAD TAPTITE-B M2.6X6NI	4
②	U03306002	SEMS SCREW ASM3X6NI	4

Non-designated parts are available only as part of a designated assembly.

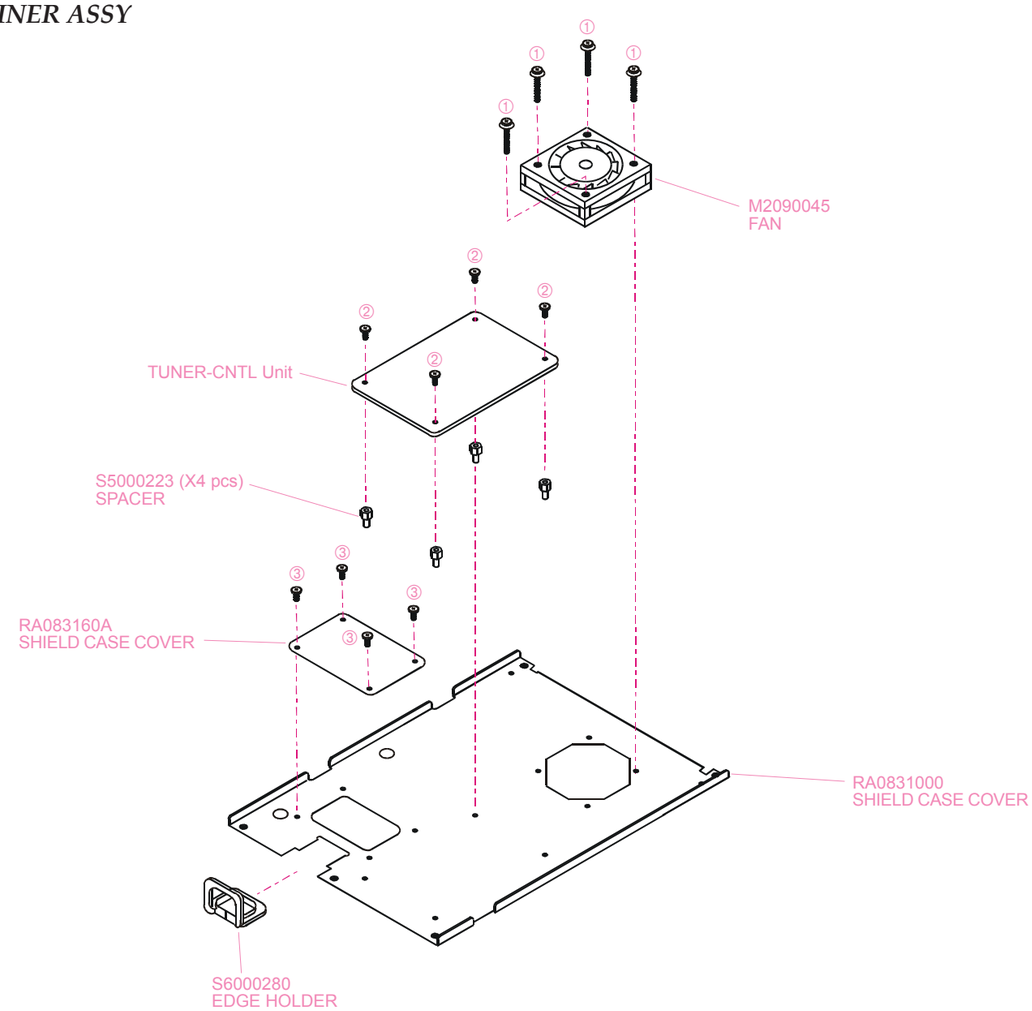
SP ASSY



REF.	VXSTD P/N	Description	Qty.
①	U30310002	FLAT HEAD SCREW M3X10NI	4
②	U66300002	FLANGE NUT N3NI	4

Non-designated parts are available only as part of a designated assembly.

TUNER ASSY



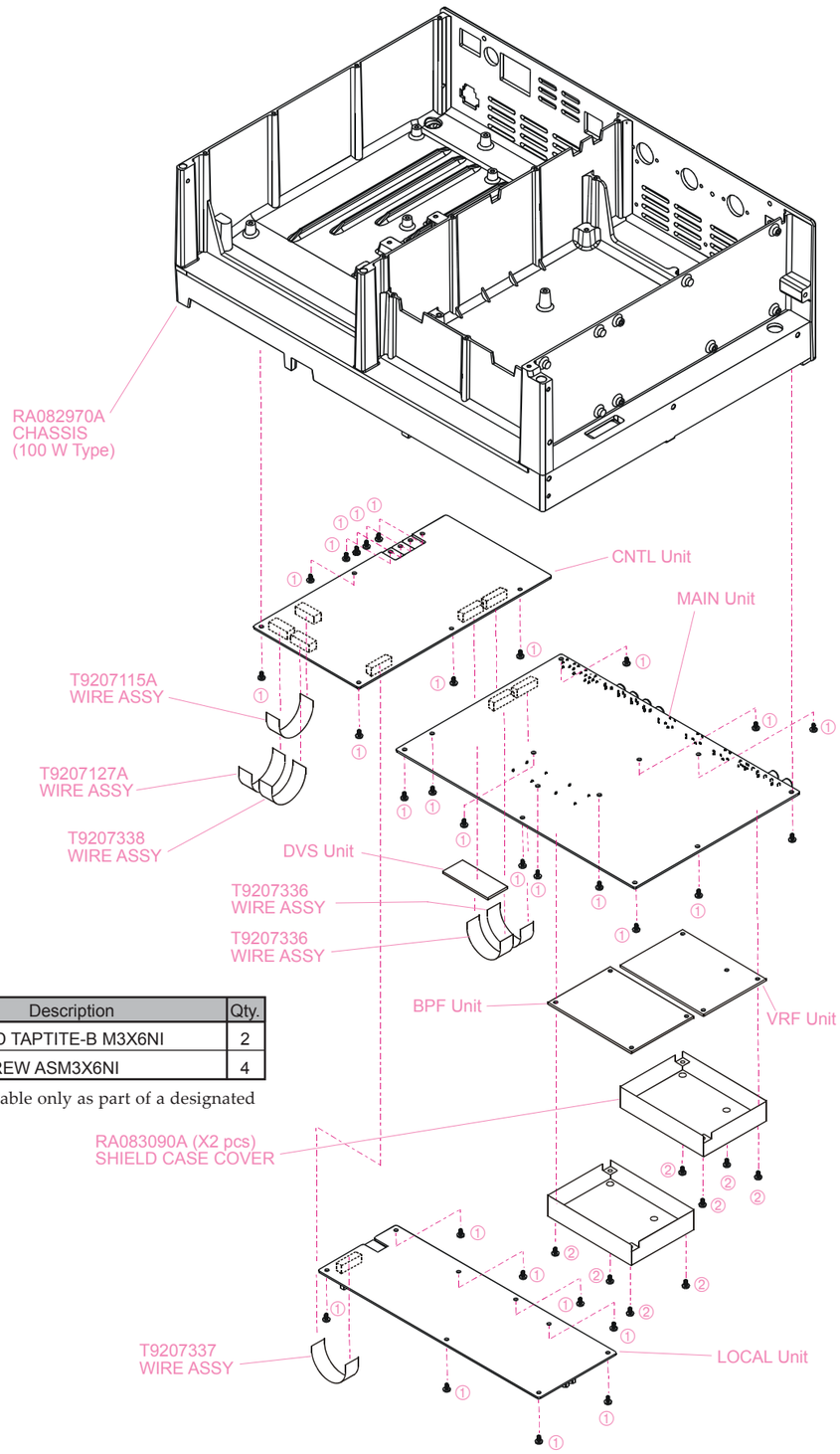
REF.	VXSTD P/N	Description	Qty.
①	U04325002	SEMS SCREW HSM3X25NI	4
②	U03306002	SEMS SCREW ASM3X6NI	4
③	U24306002	BIND HEAD TAPTITE-B M3X6NI	4

Non-designated parts are available only as part of a designated assembly.

Exploded View

CHASSIS ASSY (4/4)

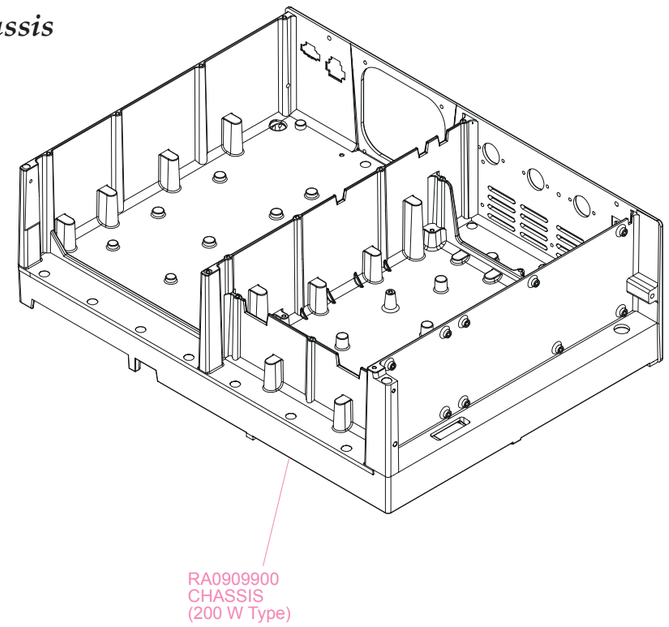
100 W Type



REF.	VXSTD P/N	Description	Qty.
①	U24306002	BIND HEAD TAPTITE-B M3X6NI	2
②	U03306002	SEMS SCREW ASM3X6NI	4

Non-designated parts are available only as part of a designated assembly.

200 W Type Chassis

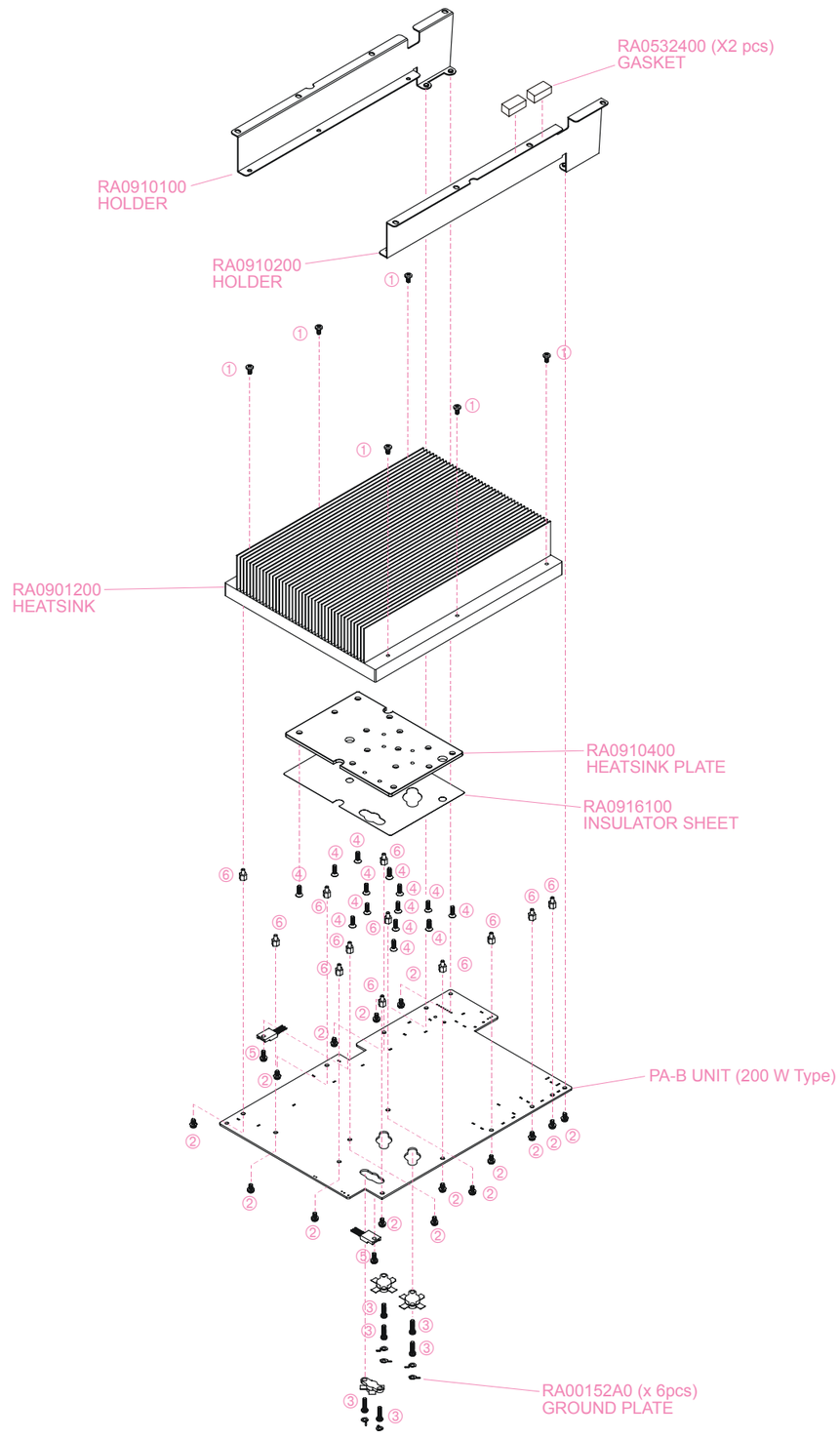


200W TYPE CHASSIS ASSY (1/2)

200W PA ASSY

REF.	VXSTD P/N	Description	Qty.
①	U24306002	BIND HEAD TAPTITE-B M3X6NI	6
②	U03306002	SEMS SCREW ASM3X6NI	15
③	U02312002	SEMS SCREW SM3X12NI	6
④	U34308001	FLAT HEAD TAPTITE-B M3X8	14
⑤	U03308002	SEMS SCREW ASM3X8NI	2
⑥	S5000223	SPACER	12

Non-designated parts are available only as part of a designated assembly.



Exploded View

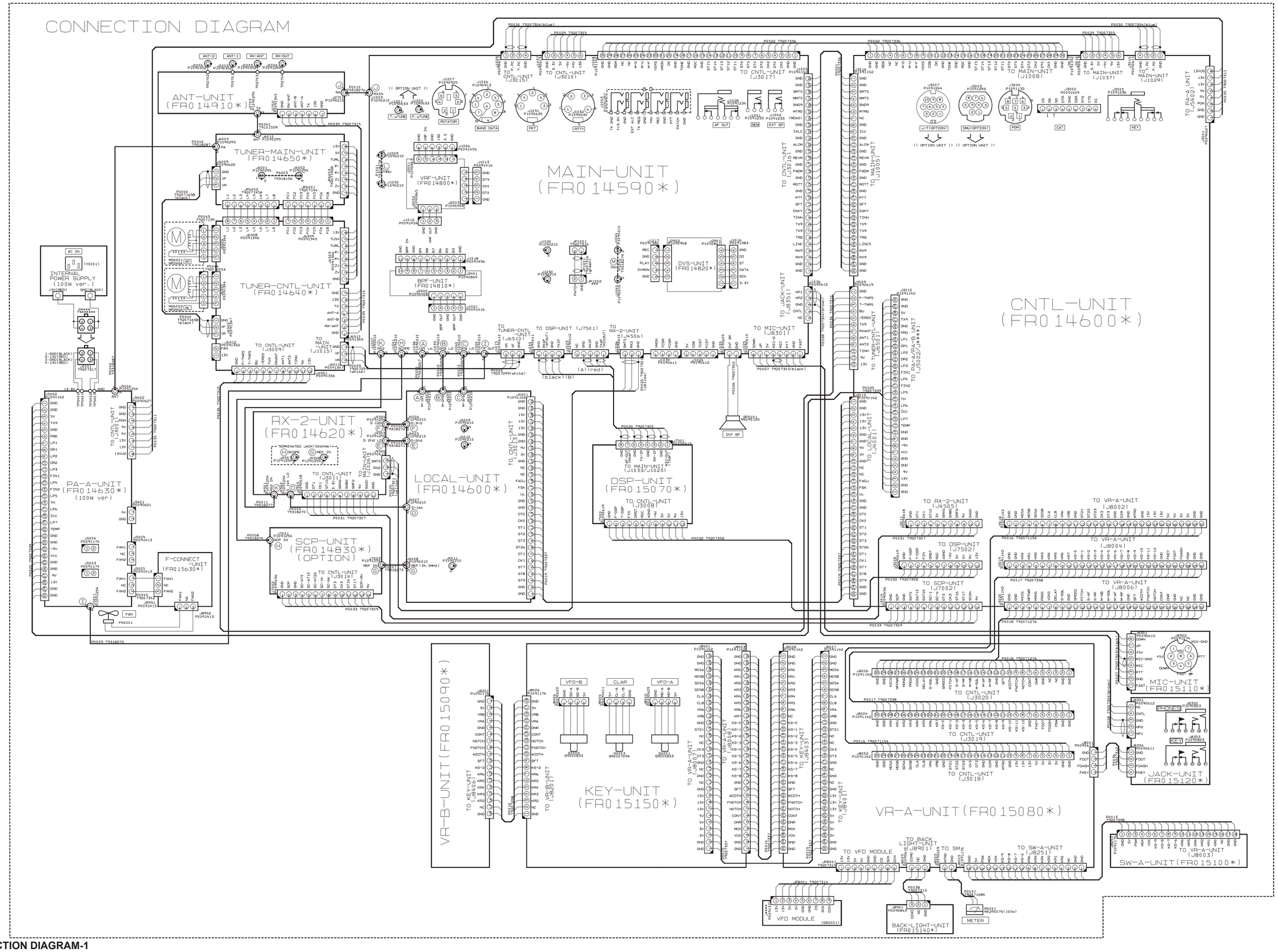
Note:

Exploded View-10

BLOCK-DIAGRAM

BLOCK DIAGRAM-1

Connection Diagram



CONNECTION DIAGRAM-1

Introduction and Precautions

The following procedures cover adjustments that are not normally required once the transceiver has left the factory. However, If a problem occurs during normal operation due to component failure; realignment may be required after the faulty components have been replaced.

We recommend that authorized Vertex Standard Technicians, who are experienced with the circuitry and fully equipped to repair and align our products, perform repairs. If a fault is suspected, contact the selling dealer for instructions regarding repair. Authorized Vertex Standard Technicians have the latest information to align all circuits and make complete performance checks to ensure compliance with factory specifications after repairs.

Those who do undertake any of the following alignments are cautioned and proceed at their own risk. Problems caused by unauthorized attempts at realignment are not covered by the warranty policy.

Vertex Standard must reserve the right to change circuits and alignment procedures in the interest of improved performance, without notifying owners.

Under no circumstances should any alignment be attempted unless the normal functions and operation of the transceiver are clearly understood, the cause of the malfunction has been clearly identified and all faulty components replaced. The need for realignment should be determined to be absolutely necessary.

The following test equipment (and a thorough familiarity with its correct use) is necessary for correct realignment. Most steps do not require all of the equipment listed. The interactions of some adjustments may require that more complex adjustments be performed in a sequence. Do not attempt to perform only a single step unless it is clearly isolated electrically from all other steps. Have all test equipment ready before beginning, and follow all of the steps in a section in the order they are presented.

Required Test Equipment

- ❒ RF Signal Generator
- ❒ AF Signal Generator
- ❒ Spectrum Analyzer good to at least 1 GHz.
- ❒ Frequency Counter
- ❒ SINAD Meter
- ❒ RF Millivoltmeter
- ❒ Digital DC Voltmeter (high-Z, 1 M-Ohm/V)
- ❒ DC Voltmeter
- ❒ DC Ammeter (20 A)
- ❒ Ohmmeter
- ❒ DMU-2000 Data Management Unit
- ❒ 50-Ohm Dummy Load (200 watts)
- ❒ 100-Ohm Dummy Load (200 watts)
- ❒ 150-Ohm Dummy Load (200 watts)
- ❒ In-Line Wattmeter (200 watts, 50-Ohm)
- ❒ Linear Detector
- ❒ RF Coupler
- ❒ 4-Ohm AF Dummy Load (3 watts)

Alignment Preparation & Precautions

A 50-ohm RF Dummy load and in-line wattmeter must be connected to the "ANT 1" jack in all procedures that call for transmission, except where specified otherwise. Correct alignment is not possible with an antenna.

After completing one step, read the following step to determine whether the same test equipment will be required. If not, remove the unneeded test equipment before proceeding. (except the dummy load and wattmeter).

Correct alignment requires that the ambient temperature be maintained constant between 68 °F ~ 86 °F (20 °C ~ 30 °C). When the transceiver is brought into the shop from a hot or cold enviroment, it should be allowed time to come to room temperature before alignment. Also, the test equipment must be thoroughly warmed up before beginning.

Whenever possible, alignments should be made with oscillator shields and circuit boards firmly affixed in place. Also, the test equipment must be thoroughly warmed up before beginning.

Note: Signal levels in dB referred to in this procedure are based on 0 dBμ = 0.5 μV (closed circuit).

Alignment

Analog Meter Adjustment

- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "A01 FSC."
- ❒ Rotate the [SUB(VFO-B)] knob so that the Main S-meter deflects to full scale.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

SHIFT/WIDTH Knob

Zero (Center) Adjustment

- ❒ Set the SHIFT/WIDTH knobs to the 12-o'clock position.
- ❒ Set the operating mode to "USB."
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "A02 SFt."
- ❒ Rotate the [SUB(VFO-B)] knob so that the IF SHIFT frequency is set to "±0.00" on the external display. The center point (±0.00) is broad (17 points). Therefore, set the [SUB(VFO-B)] knob to the center of this broad range.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "A03 udt."
- ❒ Rotate the [SUB(VFO-B)] knob so that the IF bandwidth is set to "2.4 kHz" on the external display. The IF bandwidth (2.4 kHz) is broad (24 points). Therefore, set the [SUB(VFO-B)] knob to the center of this broad range.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

VDD Meter Adjustment

- ❒ Connect the DC voltmeter to pin 6 of J5402 on the PA-A Unit.
- ❒ Switch the external display to "SWR Monitor" page.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "A04 vdd."
- ❒ Press the [ENT] key, then rotate the [SUB(VFO-B)] knob so that the VDD meter (Main S-meter) reading is the same as that on the DC voltmeter.
- ❒ Rotate the [VRF] knob so that the VDD meter (on the external display) reading is same as that on the DC voltmeter.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

2nd Local Oscillator (Main) Adjustment

- ❒ Disconnect the coaxial cable from J4004 on the LOCAL Unit, then connect the Frequency counter to J4004.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "A15 FrE."
- ❒ Rotate the [SUB(VFO-B)] knob so that the Frequency counter reading is "69.000 MHz."
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.
- ❒ Disconnect the Frequency counter from J4004, then connect the RF millivoltmeter to J4004.
- ❒ Adjust T4003 and T4004 on the LOCAL Unit for maximum deflection on the RF millivoltmeter (more than –5 dBm).
- ❒ Disconnect the RF millivoltmeter from J4004, then re-connect the coaxial cable to J4004.

PLL (Main) Adjustment

- ❒ Connect the Digital DC voltmeter (high-Z) to TP4003 on the LOCAL Unit.
- ❒ Disconnect the coaxial cable from J4002 on the LOCAL Unit, then connect the RF millivoltmeter to J4002.
- ❒ Referring to the table below, adjust the listed components for the required voltage, or confirm that the correct voltage is present on each frequency listed.

VFO-A Frequency	Adjust / Confirm	DC voltmeter	RF millivoltmeter
11.495 MHz	Adjust TC4001	5.0 V ±0.1 V	At least +3 dBm
0.03 MHz	Confirm	At least 0.8 V	At least +3 dBm
25.495 MHz	Adjust TC4002	5.0 V ±0.1 V	At least +3 dBm
11.500 MHz	Confirm	At least 0.8 V	At least +3 dBm
41.495 MHz	Adjust TC4003	5.0 V ±0.1 V	At least +3 dBm
25.500 MHz	Confirm	At least 0.8 V	At least +3 dBm
60.000 MHz	Adjust TC4004	5.0 V ±0.1 V	At least +3 dBm
41.500 MHz	Confirm	At least 0.8 V	At least +3 dBm

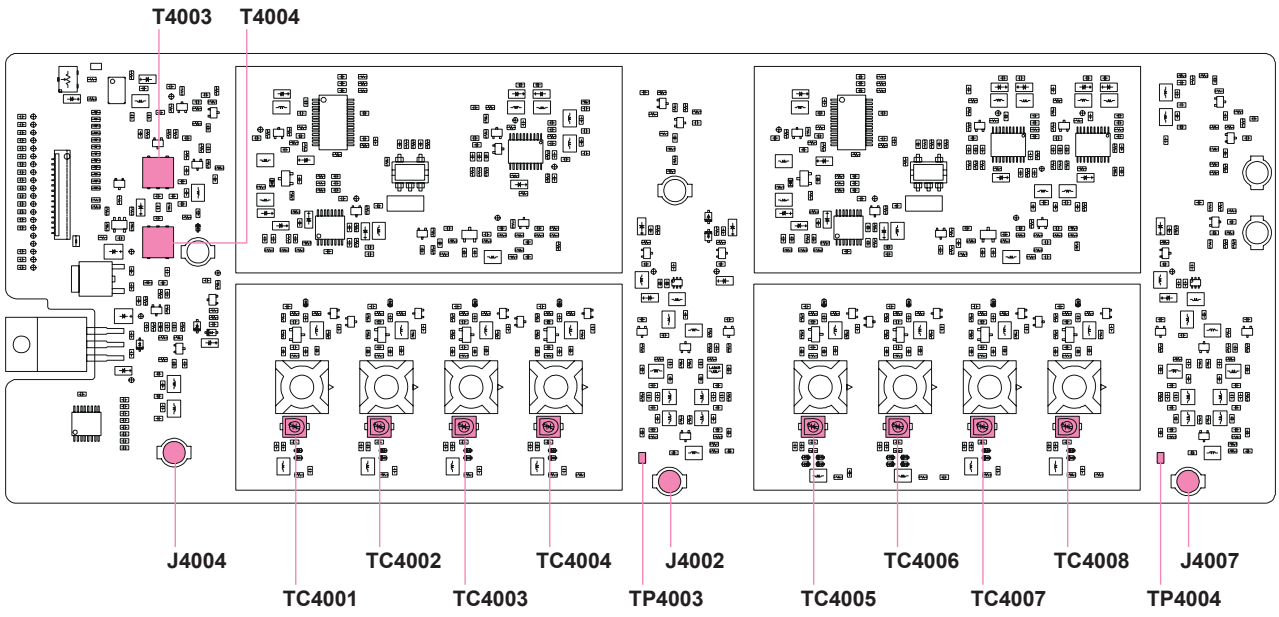
- ❒ Disconnect the RF millivoltmeter from J4002, then re-connect the coaxial cable to J4002.

PLL (Sub) Adjustment

- ❒ Connect the Digital DC voltmeter (high-Z) to TP4004 on the LOCAL Unit.
- ❒ Disconnect the coaxial cable from J4007 on the LOCAL Unit, then connect the RF millivoltmeter to J4007.
- ❒ Referring to the table below, adjust the listed components for the required voltage, or confirm that the correct voltage is present on each frequency listed.

VFO-B Frequency	Adjust / Confirm	DC voltmeter	RF millivoltmeter
11.495 MHz	Adjust TC4005	5.0 V ±0.1 V	At least +3 dBm
0.03 MHz	Confirm	At least 0.8 V	At least +3 dBm
25.495 MHz	Adjust TC4006	5.0 V ±0.1 V	At least +3 dBm
11.500 MHz	Confirm	At least 0.8 V	At least +3 dBm
41.495 MHz	Adjust TC4007	5.0 V ±0.1 V	At least +3 dBm
25.500 MHz	Confirm	At least 0.8 V	At least +3 dBm
60.000 MHz	Adjust TC4008	5.0 V ±0.1 V	At least +3 dBm
41.500 MHz	Confirm	At least 0.8 V	At least +3 dBm

- ❒ Disconnect the RF millivoltmeter from J4007, then re-connect the coaxial cable to J4007.



LOCAL Unit Alignment Points

Alignment

Main Receiver Adjustment

1st Local Oscillator Adjustment

- ❒ Set the following controls as indicated:
  [IPO] button: AMP1
  [ATT] button: OFF
  [VRF] button: THRU
  [R.FLT] button: AUTO
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [MODE] button: CW
- ❒ Connect the RF millivoltmeter to TP1073 on the MAIN Unit.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Select the appropriate "Alignment Parameter" using the Main Tuning Dial knob per the chart below, and adjust the [SUB(VFO-B)] knob for the corresponding RF millivoltmeter reading at each frequency.

Alignment Parameter	VFO-A Frequency	RF millivoltmeter
A08 L18	1.850 MHz	0.96 Vrms (+0 Vrms/–0.04 Vrms)
A09 L35	3.570 MHz	0.96 Vrms (+0 Vrms/–0.04 Vrms)
A10 L7	7.100 MHz	0.96 Vrms (+0 Vrms/–0.04 Vrms)
A11 L14	14.200 MHz	0.84 Vrms (+0 Vrms/–0.04 Vrms)
A12 L21	21.200 MHz	0.84 Vrms (+0 Vrms/–0.04 Vrms)
A13 L28	28.700 MHz	0.84 Vrms (+0 Vrms/–0.04 Vrms)
A14 L50	51.500 MHz	0.5 Vrms (±0.05 Vrms)

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

2nd/3rd Local Level Adjustment

- ❒ Connect the RF millivoltmeter to TP1021 on the MAIN Unit.
- ❒ Adjust T1034 on the MAIN Unit for maximum deflection on the RF millivoltmeter (more than +10 dBm).
- ❒ Connect the RF millivoltmeter to TP1018 on the MAIN Unit.
- ❒ Adjust T1028 on the MAIN Unit for maximum deflection on the RF millivoltmeter (more than +3 dBm).

IF Transformer Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: 15 kHz
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode.
- ❒ Connect the AF millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 0 dBμ at the 14.200 MHz.
- ❒ Adjust T1031, T1036, T1035, T1038, T1032, T1023, and T1019 on the MAIN Unit in succession several times for maximum deflection on the AF millivoltmeter.
  If the Main S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Main S-meter does not deflect.

MCF Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode.
- ❒ Connect the AC millivoltmeter, SINAD meter, and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 0 dBμ at the 14.200 MHz.
- ❒ Set the Roofing filter bandwidth to "3 kHz" by pressing the [R.FLT] button.
- ❒ Adjust TC1002 and T1040 on the MAIN Unit in succession several times for maximum deflection on the AC millivoltmeter.
  If the Main S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Main S-meter does not deflect.
- ❒ Set the Roofing filter bandwidth to "6 kHz" by pressing the [R.FLT] button.

- ❒ Adjust TC1001 and T1030 on the MAIN Unit in succession several times for maximum deflection on the AC millivoltmeter.
  If the Main S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Main S-meter does not deflect.
- ❒ Set the Main Band (VFO-A) frequency to 50.000 MHz in the FM mode, and set the IPO to "AMP2" by pressing the [IPO] button.
- ❒ Set the Roofing filter bandwidth to "15 kHz" by pressing the [R.FLT] button, and set the IPO to "AMP2" by pressing the [IPO] button.
- ❒ Set the RF Signal Generator output to 0 dBμ at the 50.000 MHz.
- ❒ Adjust T1031 and T1036 on the MAIN Unit in succession several times for maximum deflection on the SINAD meter.
  If the Main S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Main S-meter does not deflect.

IF Trap Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: AUTO
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Set the Main Band (VFO-A) frequency to 50.000 MHz in the CW mode.
- ❒ Connect the AC millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 60 dBμ at the 69.450 MHz.
- ❒ Adjust T1011 on the MAIN Unit for minimum deflection on the AC millivoltmeter.
  If the Main S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Main S-meter does not deflect.



MAIN UNIT (RECEIVER SECTION) ALIGNMENT POINTS

Noise Blanker Circuit Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: AUTO
  [AGC] button: AUTO
  [NB] button: ON (for short-duration pulse noise)
  [NB] knob: Fully clockwise
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode.
- ❒ Connect the DC voltmeter to TP1020 on the MAIN Unit.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 30 dBμ at the 14.200 MHz.
- ❒ Adjust T1025 and T1022 on the MAIN Unit for minimum deflection on the DC voltmeter.
- ❒ Turn the NB to "OFF" by pressing the [NB] button.

Scope Circuit Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: AUTO
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode.
- ❒ Disconnect the coaxial cable from J1041 on the MAIN Unit, then connect the RF millivoltmeter to J1041.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 90 dBμ at the 14.200 MHz.
- ❒ Adjust T1039 on the MAIN Unit for maximum deflection on the RF millivoltmeter.
- ❒ Disconnect the RF millivoltmeter from J1041, then re-connect the coaxial cable to J1041.

RF AGC Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: 6 kHz
  [AGC] button: AUTO
  [PITCH] knob: 800 Hz
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
  [MODE] button: CW
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, and connect the Digital DC voltmeter (high-Z) to TP1008 on the MAIN Unit.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Select the appropriate "Alignment Parameter" using the Main Tuning Dial knob per the chart below, then set the RF Signal Generator output to each frequency & level, and adjust the [SUB(VFO-B)] knob for the corresponding DC voltmeter reading at each frequency.

Alignment Parameter	RF Signal Generator	VFO-A Frequency	DC voltmeter
B01 rGc	1.900 MHz, 96 dBμ	1.900 MHz	1.5 V (–0V/+0.05V)
B02 rGc	3.750 MHz, 96 dBμ	3.750 MHz	1.5 V (–0V/+0.05V)
B03 rGc	7.150 MHz, 96 dBμ	7.150 MHz	1.5 V (–0V/+0.05V)
B04 rGc	10.125 MHz, 96 dBμ	10.125 MHz	1.5 V (–0V/+0.05V)
B05 rGc	14.175 MHz, 96 dBμ	14.175 MHz	1.5 V (–0V/+0.05V)
B06 rGc	18.117 MHz, 96 dBμ	18.117 MHz	1.5 V (–0V/+0.05V)
B07 rGc	21.255 MHz, 96 dBμ	21.255 MHz	1.5 V (–0V/+0.05V)
B08 rGc	24.940 MHz, 96 dBμ	24.940 MHz	1.5 V (–0V/+0.05V)
B09 rGc	28.850 MHz, 96 dBμ	28.850 MHz	1.5 V (–0V/+0.05V)
B10 rGc	52.000 MHz, 96 dBμ	52.000 MHz	1.5 V (–0V/+0.05V)

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

IF Gain Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: 6 kHz
  [AGC] button: AUTO
  [PITCH] knob: 700 Hz
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
  [MODE] button: CW
- ❒ Connect the AC millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 36 dBμ at the 1.900 MHz.
- ❒ Set the Main Band (VFO-A) frequency to 1.900 MHz in the CW mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Adjust the Main [AF GAIN] knob so that the AC millivoltmeter reading is "0 dB."
- ❒ Select the appropriate "Alignment Parameter" using the Main Tuning Dial knob per the chart below, then set the RF Signal Generator output to each frequency & level, and adjust the [SUB(VFO-B)] knob for the corresponding AC millivoltmeter reading at each frequency.

Alignment Parameter	RF Signal Generator	VFO-A Frequency	AC millivoltmeter
b11 iGn	1.900 MHz, 96 dBμ	1.900 MHz	–1.5 dB (±0.5 dB)
b12 iGn	3.750 MHz, 96 dBμ	3.750 MHz	–1.5 dB (±0.5 dB)
b13 iGn	7.150 MHz, 96 dBμ	7.150 MHz	–1.5 dB (±0.5 dB)
b14 iGn	10.125 MHz, 96 dBμ	10.125 MHz	–1.5 dB (±0.5 dB)
b15 iGn	14.175 MHz, 96 dBμ	14.175 MHz	–1.5 dB (±0.5 dB)
b16 iGn	18.117 MHz, 96 dBμ	18.117 MHz	–1.5 dB (±0.5 dB)
b17 iGn	21.255 MHz, 96 dBμ	21.255 MHz	–1.5 dB (±0.5 dB)
b18 iGn	24.940 MHz, 96 dBμ	24.940 MHz	–1.5 dB (±0.5 dB)
b19 iGn	28.850 MHz, 96 dBμ	28.850 MHz	–1.5 dB (±0.5 dB)
b20 iGn	52.000 MHz, 96 dBμ	52.000 MHz	–1.5 dB (±0.5 dB)

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

S-meter Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: 6 kHz
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the frequency to 14.200 MHz.
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Select the appropriate "Alignment Parameter" using the Main Tuning Dial knob per the chart below, then set the RF Signal Generator output to each level, and adjust the [SUB(VFO-B)] knob for the corresponding Main S-meter defection, then press the [ENT] key to save the new setting at each frequency.

Alignment Parameter	RF Signal Generator	Main S-meter
B21 S-1	12 dBμ	S-1
B22 S-5	24 dBμ	S-5
B23 S-7	30 dBμ	S-7
B24 S-9	36 dBμ	S-9
B25 S10	46 dBμ	S-9+10dB
B26 S20	56 dBμ	S-9+20dB
B27 S30	66 dBμ	S-9+30dB
B28 S40	76 dBμ	S-9+40dB
B29 S50	86 dBμ	S-9+50dB
B30 S60	96 dBμ	S-9+60dB

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

Alignment

FM Gain Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [R.FLT] button: 15 kHz
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [VRF] button: THRU
- ❒ Set the RF Signal Generator to 12 dBμ at the 28.8500 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Set the Main Band (VFO-A) frequency to 28.850 MHz in the FM-W mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "b32 FnG."
- ❒ Rotate the [SUB(VFO-B)] knob so that the Main S-meter reading is "S-3."
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.
- ❒ Set the RF Signal Generator to 12 dBμ at the 52.000 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
- ❒ Set the Main Band (VFO-A) frequency to 52.000 MHz in the FM-W mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode again.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "b33 FnG."
- ❒ Rotate the [SUB(VFO-B)] knob so that the Main S-meter reading is "S-3."
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

DVS Unit Adjustment

- ❒ Connect the Ohmmeter lead between TP2905 and ground on the DVS Unit.
- ❒ Adjust VR2901 on the DVS Unit for 40 k-Ohms (±200 Ohms) on the Ohmmeter.

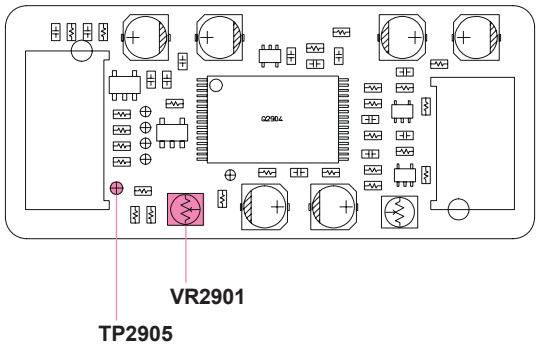
Sub Receiver Adjustment

2nd/3rd Local Level Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [SUB RX] button: ON
- ❒ Connect the RF millivoltmeter to TP4501 on the RX-2 Unit.
- ❒ Adjust T4521 and T4501 on the RX-2 Unit for maximum deflection on the RF millivoltmeter (more than + 8 dBm).
- ❒ Connect the RF millivoltmeter to TP4502 on the RX-2 Unit.
- ❒ Adjust T4504 on the RX-2 Unit for maximum deflection on the RF millivoltmeter (more than + 6 dBm).

IF Transformer Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [AGC] button: AUTO
  [RF GAIN] knob: Fully clockwise
  [SUB RX] button: ON
- ❒ Set the Sub Band (VFO-B) frequency to 14.200 MHz in the CW mode.
- ❒ Connect the AC millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 0 dBμ at the 14.200 MHz.



DVS Unit Alignment Points

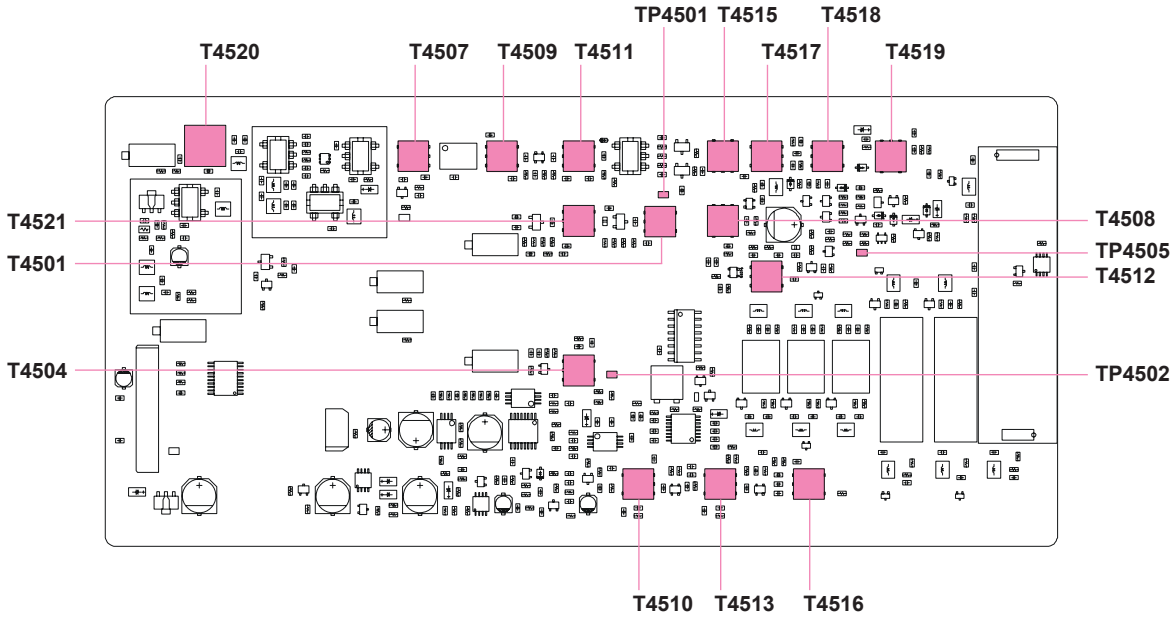
❒ Adjust T4507, T4509, T4511, T4515, T4517, T4518, T4519, T4516, T4513 and T4510 on the RX-2 Unit in succession several times for maximum deflection on the AF millivoltmeter.
If the Sub S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Sub S-meter does not deflect.

MCF Adjustment

❒ Set the following controls as indicated:
[ANT 1/2] button: ANT 1
[IPO] button: AMP2
[ATT] button: OFF
[AGC] button: AUTO
[RF GAIN] knob: Fully clockwise
[SUB RX] button: ON
❒ Set the Sub Band (VFO-B) frequency to 52.000 MHz in the FM-W mode.
❒ Connect the SINAD mater and 4 Ohm dummy load to the EXT SP jack.
❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 0 dBμ at the 52.000 MHz with ±3.5 kHz deviation FM modulation of a 1 kHz audio signal.
❒ Adjust T4507 and T4509 on the RX-2 Unit in succession several times for maximum deflection on the SINAD meter.
If the Sub S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Sub S-meter does not deflect.

IF Trap Adjustment

❒ Set the following controls as indicated:
[ANT 1/2] button: ANT 1
[IPO] button: AMP1
[ATT] button: OFF
[AGC] button: AUTO
[RF GAIN] knob: Fully clockwise
[SUB RX] button: ON
❒ Set the Sub Band (VFO-B) frequency to 50.000 MHz in the CW mode.
❒ Connect the AC millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 60 dBμ at the 40.455 MHz.
❒ Adjust T4520 on the RX-2 Unit for minimum deflection on the AC millivoltmeter.
If the Sub S-meter deflects while adjusting, reduce the RF Signal Generator output so that the Sub S-meter does not deflect.



RX-2 Unit Alignment Points

Noise Blanker Circuit Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [AGC] button: "Sub band (VFO-B)"AUTO
  [NB] button: "Sub band (VFO-B)" ON
  (for short-duration pulse noise)
  [NB] knob: Fully clockwise
  [RF GAIN] knob: Fully clockwise
  [SUB RX] button: ON
- ❒ Set the Sub Band (VFO-B) frequency to 14.200 MHz in the CW mode.
- ❒ Connect the DC voltmeter to TP4505 on the RX-2 Unit.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 30 dBµ at the 14.200 MHz.
- ❒ Adjust T4508 and T4512 on the RX-2 Unit for minimum deflection on the DC voltmeter.
- ❒ Turn the Sub band's (VFO-B) NB to "OFF" by pressing the [B] button followed by the [NB] button.

IF Gain Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [AGC] button: "Sub band (VFO-B)"AUTO
  [PITCH] knob: 700 Hz
  [RF GAIN] knob: Fully clockwise
  [SUB RX] button: ON
- ❒ Connect the AC millivoltmeter and 4 Ohm dummy load to the EXT SP jack.
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the output level to 36 dBµ at the 1.900 MHz.
- ❒ Set the Sub Band (VFO-B) frequency to 1.900 MHz in the CW mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Adjust the Sub [AF GAIN] knob so that the AC millivoltmeter reading is "0 dB."
- ❒ Select the appropriate "Alignment Parameter" using the Main Tuning Dial knob per the chart below, then set the RF Signal Generator output to each listed level, and adjust the [SUB(VFO-B)] knob for the corresponding AC millivoltmeter reading at each frequency.

Alignment Parameter	RF Signal Generator	VFO-B Frequency	AC millivoltmeter
C01 iGn	1.900 MHz, 9 dBµ	1.900 MHz	–1.5 dB (±0.5 dB)
C02 iGn	3.750 MHz, 9 dBµ	3.750 MHz	–1.5 dB (±0.5 dB)
C03 iGn	7.150 MHz, 9 dBµ	7.150 MHz	–1.5 dB (±0.5 dB)
C04 iGn	10.125 MHz, 9 dBµ	10.125 MHz	–1.5 dB (±0.5 dB)
C05 iGn	14.175 MHz, 9 dBµ	14.175 MHz	–1.5 dB (±0.5 dB)
C06 iGn	18.117 MHz, 9 dBµ	18.117 MHz	–1.5 dB (±0.5 dB)
C07 iGn	21.255 MHz, 9 dBµ	21.255 MHz	–1.5 dB (±0.5 dB)
C08 iGn	24.940 MHz, 9 dBµ	24.940 MHz	–1.5 dB (±0.5 dB)
C09 iGn	28.850 MHz, 9 dBµ	28.850 MHz	–1.5 dB (±0.5 dB)
C10 iGn	52.000 MHz, 9 dBµ	52.000 MHz	–1.5 dB (±0.5 dB)

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

S-meter Adjustment

- ❒ Set the following controls as indicated:
  [ANT 1/2] button: ANT 1
  [IPO] button: AMP1
  [ATT] button: OFF
  [AGC] button: "Sub band (VFO-B)"AUTO
  [RF GAIN] knob: Fully clockwise
  [SUB RX] button: ON
- ❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the frequency to 14.200 MHz.
- ❒ Set the Sub Band (VFO-B) frequency to 14.200 MHz in the CW mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Select the appropriate "Alignment Parameter" using the Main Tuning Dial knob per the chart below, then set the RF Signal Generator output to each listed level, and adjust the [SUB(VFO-B)] knob until the corresponding Sub S-meter indicator just lights (i.e. Adjust to the lowest value of each "S" unit range), then press the [ENT] key to save the new setting at each frequency.

Alignment Parameter	RF Signal Generator	Sub S-meter
C11 S-0	9 dBµ	One dot
C12 S-1	12 dBµ	S-1
C13 S-5	24 dBµ	S-5
C14 S-7	30 dBµ	S-7
C15 S-9	36 dBµ	S-9
C16 S10	46 dBµ	S-9+10dB
C17 S20	56 dBµ	S-9+20dB
C18 S30	66 dBµ	S-9+30dB
C19 S40	76 dBµ	S-9+40dB
C20 S50	86 dBµ	S-9+50dB
C21 S60	96 dBµ	S-9+60dB

❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

RX Carrier Point Adjustment

❒ Set the following controls as indicated:
[ANT 1/2] button: ANT 1
[IPO] button: AMP1
[ATT] button: OFF
[AGC] button: "Sub band (VFO-B)" AUTO
[RF GAIN] knob: Fully clockwise
[SUB RX] button: ON
❒ Connect the RF Signal Generator to the "ANT 1" jack, then set the frequency to 14.200 MHz.
❒ Connect the AC millivoltmeter, Frequency Counter, and 4 Ohm dummy load to the EXT SP jack.
❒ Set the Sub Band (VFO-B) frequency to 14.200 MHz in the CW mode.
❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
❒ Rotate the Main Tuning Dial knob to select the alignment parameter "C22 L-C."
❒ Set the RF Generator frequency so that the Frequency counter reading is "1 kHz," then adjust the Sub [AF GAIN] knob so that the AC millivoltmeter reading is "0 dB."
❒ Set the RF Generator frequency so that the Frequency counter reading is "300 Hz."
❒ Rotate the [SUB(VFO-B)] knob so that the AC millivoltmeter reading is "–6 dB (±0.2 dB)."
❒ Set the RF Generator frequency so that the Frequency counter reading is "2.6 kHz."
❒ Confirm that the AC millivoltmeter reading is better than "–6 dB."
❒ Rotate the Main Tuning Dial knob to select the alignment parameter "C23 U-C."
❒ Set the RF Generator frequency so that the Frequency counter reading is "1 kHz," then adjust the Sub [AF GAIN] knob so that the AC millivoltmeter reading is "0 dB."
❒ Set the RF Generator frequency so that the Frequency counter reading is "300 Hz."
❒ Rotate the [SUB(VFO-B)] knob so that the AC millivoltmeter reading is "–6 dB (±0.2 dB)."
❒ Set the RF Generator frequency so that the Frequency counter reading is "2.6 kHz."
❒ Confirm that the AC millivoltmeter reading is better than "–6 dB."
❒ Rotate the Main Tuning Dial knob to select the alignment parameter "C24 LnC."
❒ Set the RF Generator frequency so that the Frequency counter reading is "1 kHz," then adjust the Sub [AF GAIN] knob so that the AC millivoltmeter reading is "0 dB."
❒ Set the RF Generator frequency so that the Frequency counter reading is "600 Hz."
❒ Rotate the [SUB(VFO-B)] knob so that the AF millivoltmeter reading is "–6 dB (±0.2 dB)."
❒ Rotate the Main Tuning Dial knob to select the alignment parameter "C25 UnC."
❒ Set the RF Generator frequency so that the Frequency counter reading is "1 kHz," then adjust the Sub [AF GAIN] knob so that the AC millivoltmeter reading is "0 dB."
❒ Set the RF Generator frequency so that the Frequency counter reading is "600 Hz."
❒ Rotate the [SUB(VFO-B)] knob so that the AC millivoltmeter reading is "–6 dB (±0.2 dB)."
❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

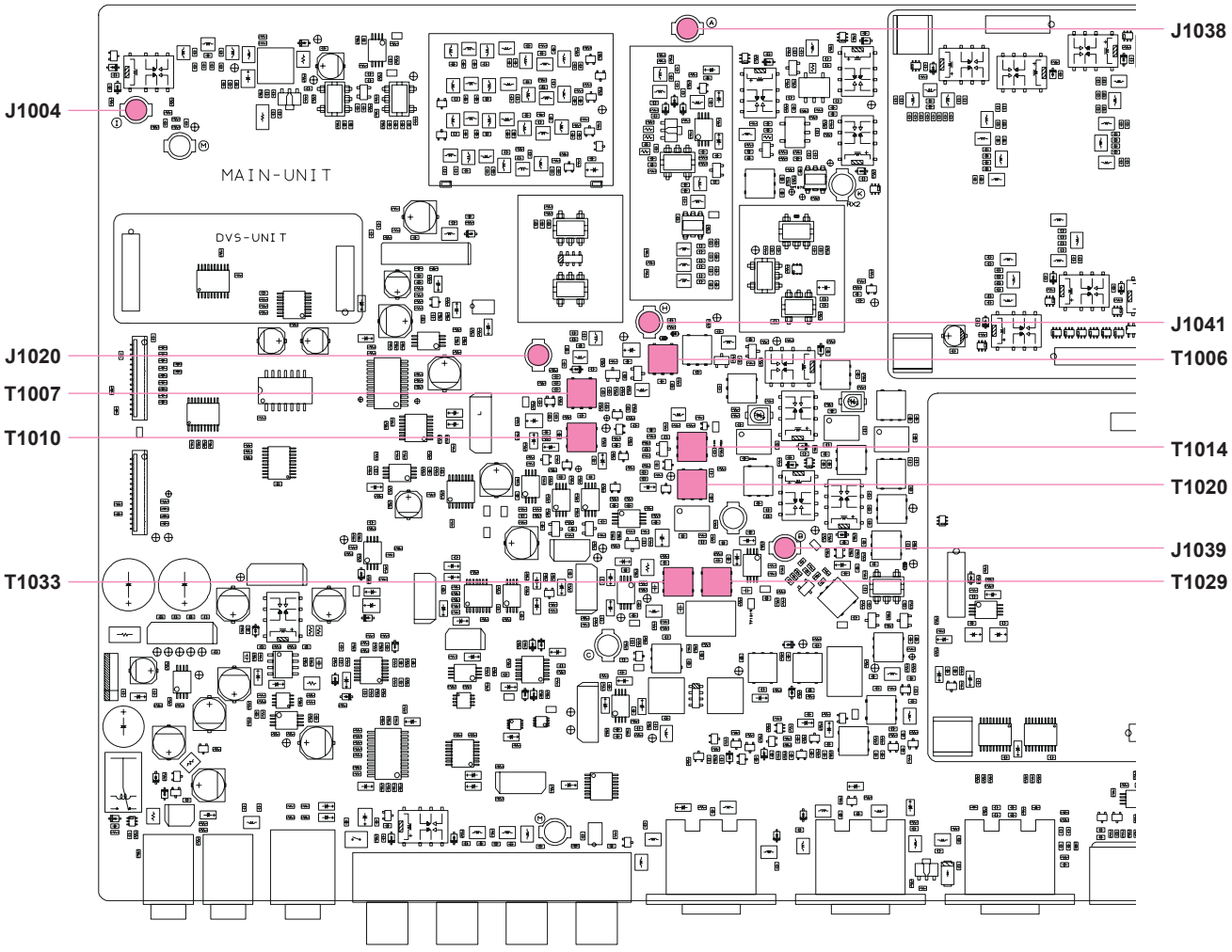
Transmitter Adjustment

TX IFT Adjustment

- ❒ Disconnect the coaxial cable from J1004 on the MAIN Unit, then connect the RF millivoltmeter to J1004.
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the FM mode, then rotate the [RF PWR] knob to the fully clockwise position.
- ❒ Press the PTT button, adjust T1033, T1029, T1020, T1014, T1010, and T1007 for maximum deflection on the RF millivoltmeter.
- ❒ Release the PTT button.
- ❒ Disconnect the RF millivoltmeter from J1004, then re-connect the coaxial cable to J1004.

TX MCF Adjustment

- ❒ Disconnect the coaxial cables from J1004, J1038, and J1039 on the MAIN Unit.
- ❒ Set the Main Band (VFO-A) frequency to 28.850 MHz in the USB mode, then rotate the [RF PWR] knob to the fully clockwise position.
- ❒ Connect the Tracking Generator to J1039 and connect the Spectrum Analyzer to J1020.
- ❒ Set up the Spectrum Analyzer as shown below:
  Center Frequency: 69.450 MHz
  Span: 50 kHz
- ❒ Press the PTT button. Adjust T1020 on the MAIN Unit to obtain maximum amplitude with minimum ripple.
- ❒ Disconnect the Tracking Generator from J1039 and the Spectrum Analyzer from J1020.
- ❒ Connect the coaxial cables back to J1004, J1038, and J1039.



MAIN Unit (Transmitter Section) Alignment Points

TX Scope Circuit Adjustment

- ❒ Disconnect the coaxial cable from J1041 on the MAIN Unit, then connect the RF millivoltmeter to J1041.
- ❒ Disconnect the coaxial cable from J1004 on the MAIN Unit.
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode, then rotate the [RF PWR] knob to the fully clockwise position.
- ❒ Press the PTT button, then adjust T1006 for maximum deflection on the RF millivoltmeter.
- ❒ Release the PTT button.
- ❒ Disconnect the RF millivoltmeter from J1041, then re-connect the coaxial cable to J1041.
- ❒ Re-connect the coaxial cable to J1004.

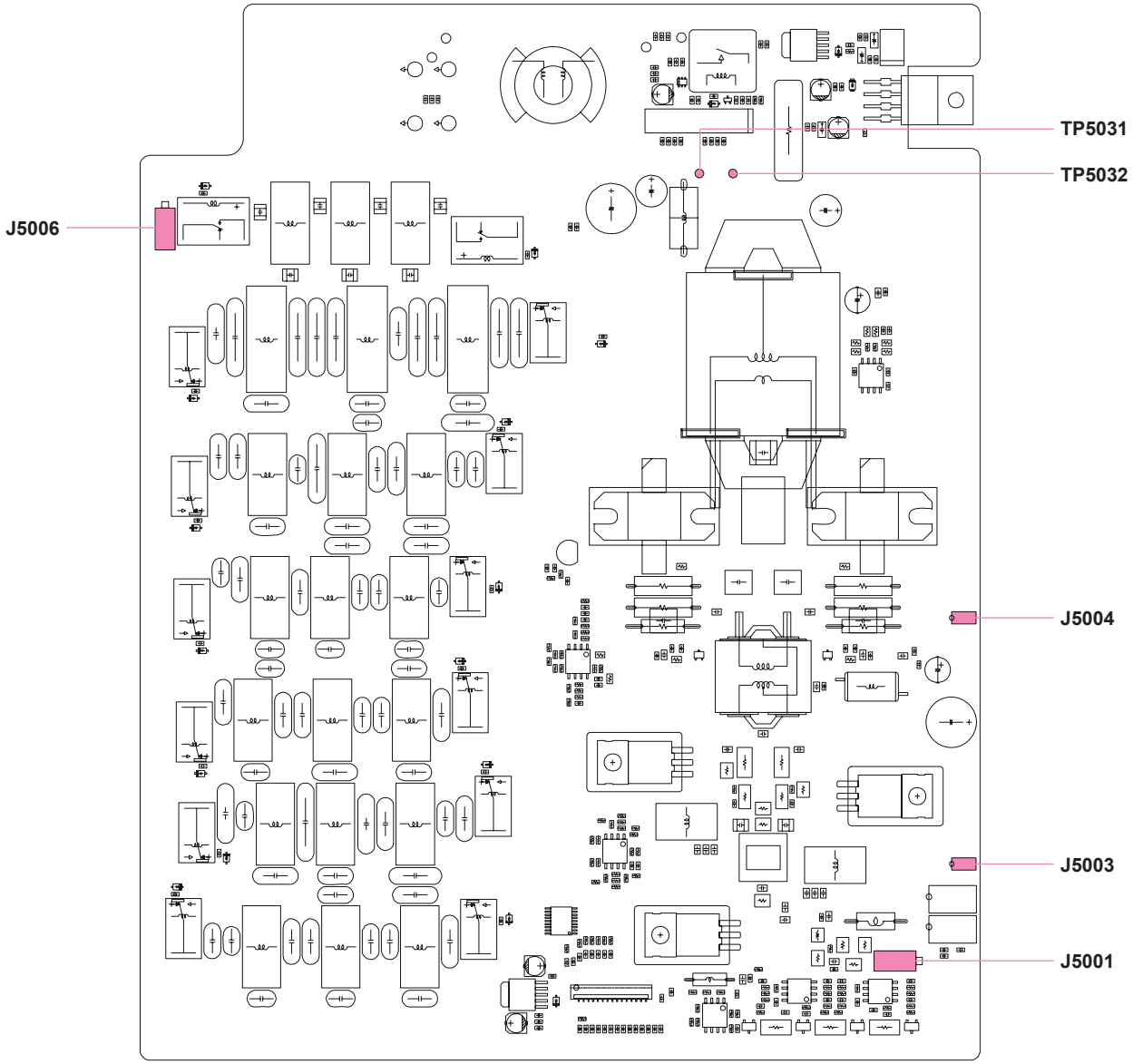
PA-A Unit (100 W Type) Adjustment

Preparation

- ❒ Disconnect the coaxial cables from J5001 and J5006 on the PA-A Unit, then terminate J5001 and J5006 into a 50-Ohm resistors.
- ❒ Disconnect the jumper plugs from J5003 and J5004 on the PA-A Unit, and remove the jumper wire that is connected between TP5031 and T5032 on the PA-A Unit.

Pre-Drive Stage Idling Current Adjustment

- ❒ Connect the DC ammeter to J5003 on the PA-A Unit.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.



PA-A Unit (100 W Type) Alignment Points

- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d01 Pdb."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "100 mA (±5 mA)."
- ❒ Release the PTT button.

Drive Stage Idling Current Adjustment

- ❒ Release the PTT button.
- ❒ Connect the DC ammeter to J5004 on the PA-A Unit.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d02 db1."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "500 mA (±50 mA)."
- ❒ Release the PTT button.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d03 db2."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "500 mA (±50 mA)."
- ❒ Release the PTT button.

Final Stage Idling Current Adjustment

- ❒ Connect the DC ammeter between TP5031 and TP5032 on the PA-A Unit.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d04 Fb1."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "1 A (±50 mA)."
- ❒ Release the PTT button.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d05 Fb2."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "1 A (±50 mA)."
- ❒ Release the PTT button.

Termination

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.
- ❒ Disconnect the 50-Ohm resistors from J5001 and J5006, then connect the coaxial cables to J5001 and J5006.
- ❒ Re-connect the jumper plugs to J5003 and J5004, and re-connect the jumper wire between TP5031 and TP5032.

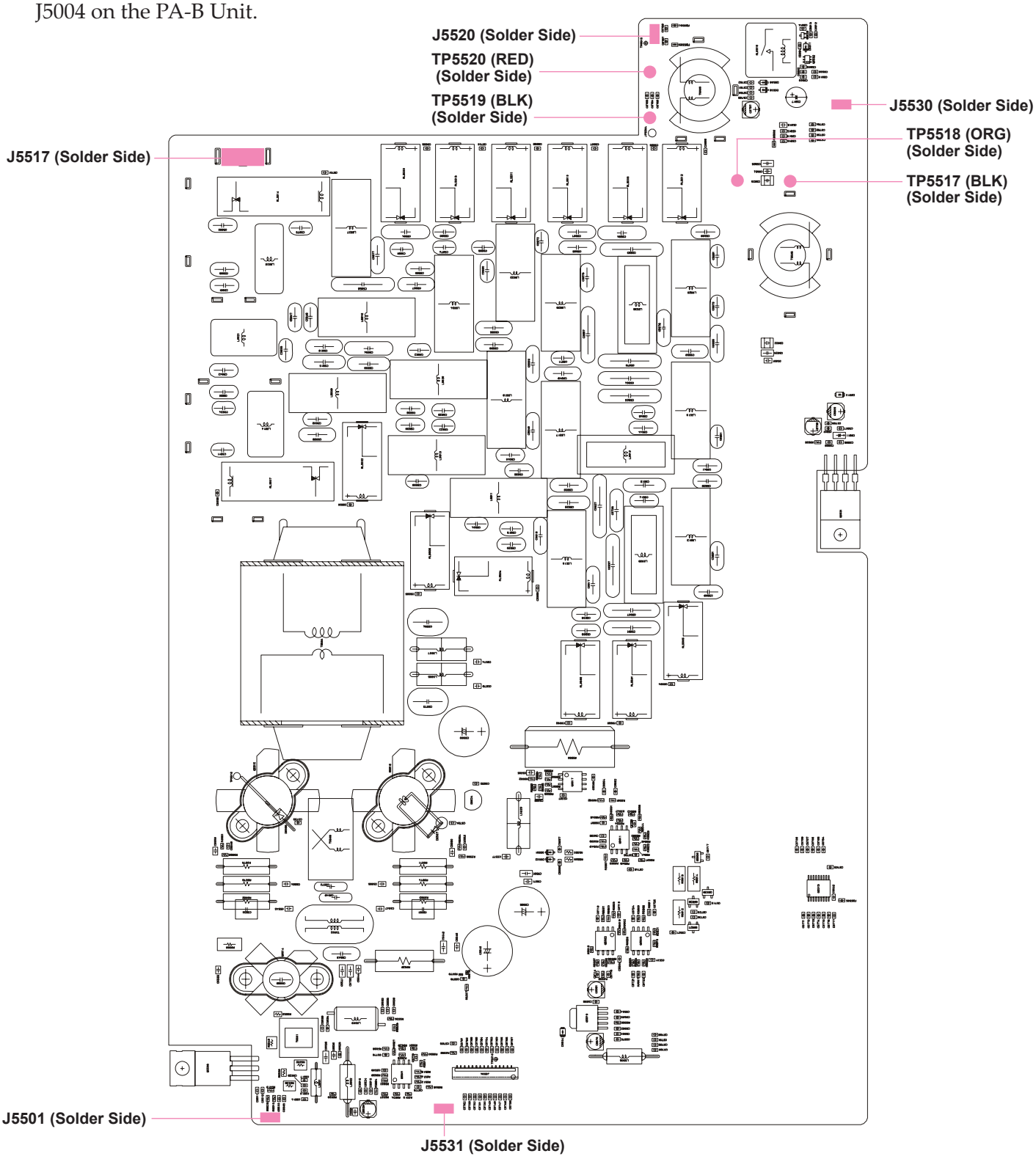
PA-B Unit Adjustment

Preparation

- ❒ Disconnect the coaxial cables from J5501 and J5517 on the PA-B Unit, then terminate J5501 and J5517 into a 50-Ohm resistors.
- ❒ Disconnect the jumper plugs from J5531 and J5004 on the PA-B Unit.

Pre-Drive Stage Idling Current Adjustment

- ❒ Connect the DC ammeter to J5531 on the PA-B Unit.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.



PA-B Unit (200 W Type) Alignment Points

- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d01 Pdb."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "50 mA (±5 mA)."
- ❒ Release the PTT button.

Drive Stage Idling Current Adjustment

- ❒ Release the PTT button.
- ❒ Disconnect the 50 V Power cable from J0007
- ❒ Connect the DC ammeter between J0007 (pin 2) and Pin 2 Connector on the FP-2000.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d02 db1."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "700 mA (±50 mA)."
- ❒ Release the PTT button.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d03 db2."
- ❒ Rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0."

Final Stage Idling Current Adjustment

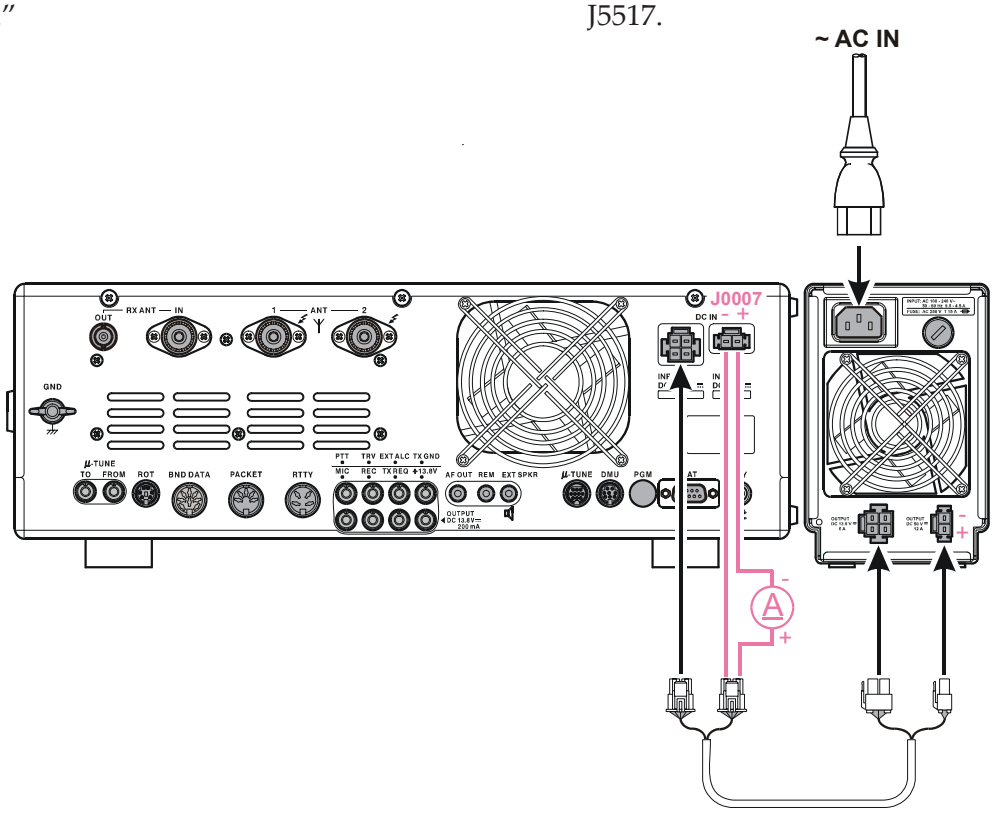
- ❒ Connect the DC ammeter between J0007 (pin 2) and Pin 2 Connector on the FP-2000.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d04 Fb1."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "350 A (±20 mA)."
- ❒ Release the PTT button.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d05 Fb2."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "350 A (±20 mA)."
- ❒ Release the PTT button.

CLASS-A Final Stage Idling Current Adjustment

- ❒ Connect the DC ammeter between J0007 (pin 2) and Pin 2 Connector on the FP-2000.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d06 F1A."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "3.0 A (±0.1 A)."
- ❒ Release the PTT button.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d07 F1B."
- ❒ Press the PTT button, then adjust the [SUB(VFO-B)] knob so that the DC ammeter reading is "3.0 A (±0.1 A)."
- ❒ Release the PTT button.

Termination

- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.
- ❒ Disconnect the 50-Ohm resistors from J5501 and J5517, then connect the coaxial cables to J5501 and J5517.



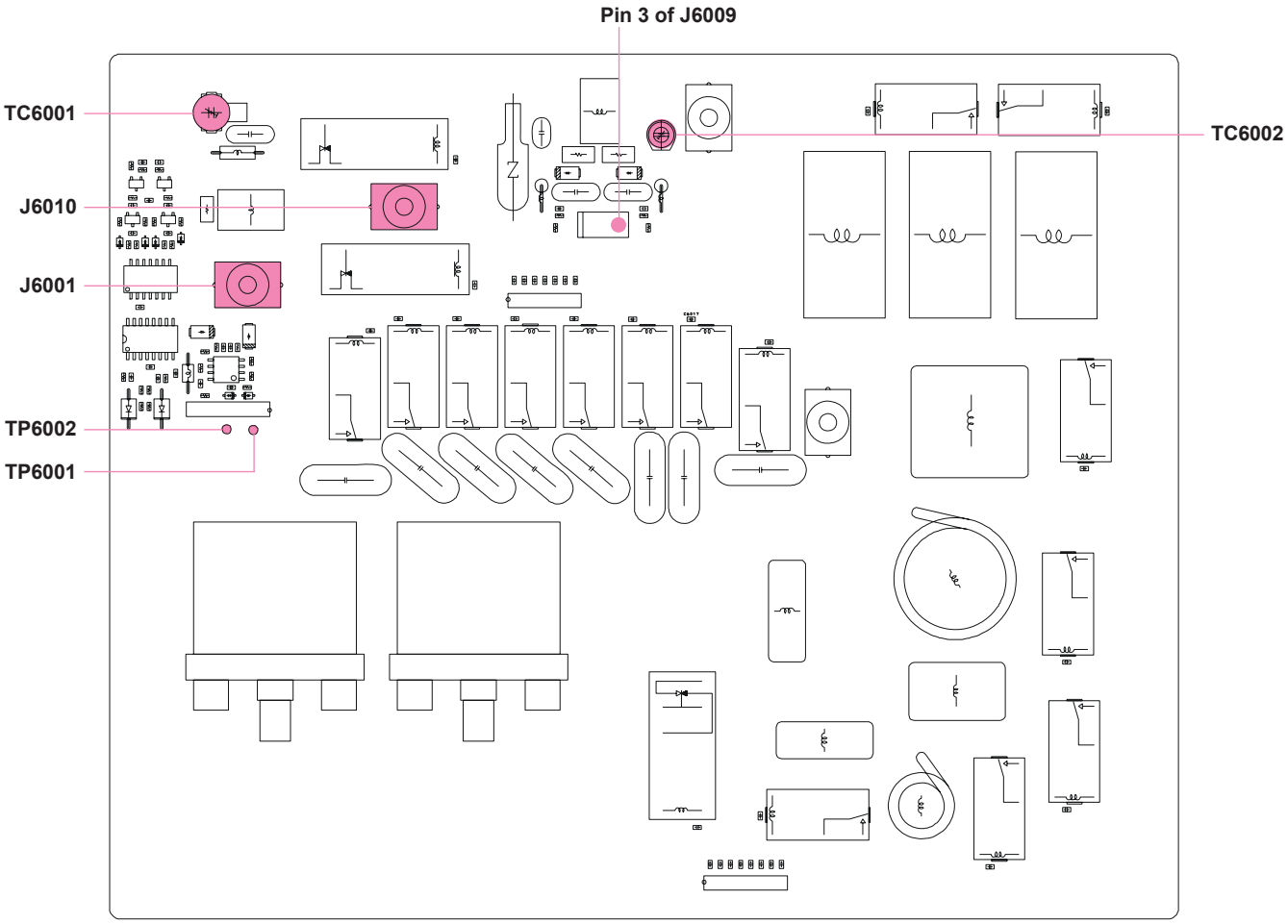
Antenna Tuner Adjustment

CM Coupler Balance Adjustment

- ❒ Disconnect the coaxial cable from J6010 on the TUNER-MAIN Unit, then connect the 50-Ohm Dummy Load to J6010.
- ❒ Connect the Digital DC voltmeter (high-Z) to pin 3 of J6009 on the TUNER-MAIN Unit.
- ❒ Turn off the [TUNE] switch, then set the Main band (VFO-A) frequency to 24.900 MHz in the FM mode.
- ❒ Press the PTT switch, then rotate the [RF PWR] knob for 50 Watts on the Wattmeter.
- ❒ Adjust TC6002 on the TUNER-MAIN Unit for minimum deflection on the DC voltmeter (less than 0.1 V).
- ❒ Release the PTT switch, then disconnect the 50-Ohm Dummy Load from J6010 and re-connect the coaxial cable to J6010.

ϕ, Z-Null Adjustment

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" jack.
- ❒ Turn off the [TUNE] switch, then set the Main Band (VFO-A) frequency to 24.900 MHz in the FM mode.
- ❒ Press the PTT switch, then rotate the [RF PWR] knob for 50 Watts on the Wattmeter.
- ❒ Release the PTT switch, then disconnect the coaxial cable from J6001 on the TUNER-MAIN Unit, and re-connect the 50-Ohm Dummy Load to J6001.
- ❒ Connect the Digital DC voltmeter (high-Z) between TP6001 and TP6002 on the TUNER-MAIN Unit, then turn on the [TUNE] switch.
- ❒ Press the PTT switch, then adjust TC6001 on the TUNER-MAIN Unit for 0 V (±0.08 V) on the DC voltmeter.
- ❒ Release the PTT switch, then disconnect the 50-Ohm Dummy Load from J6001 and re-connect the coaxial cable to J6001.



TUNER-MAIN Unit Alignment Points

Alignment

Transmitter Section Alignment Mode

Preparation

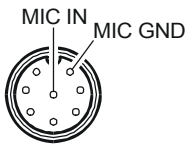
❒ Referring to table below, tune the Main Band (VFO-A) to each frequency listed.

Band	VFO-A Frequency	Mode
1.8 MHz Band	1.820 MHz	USB
3.5 MHz Band	3.570 MHz	USB
7 MHz Band	7.050 MHz	USB
10 MHz Band	10.100 MHz	USB
14 MHz Band	14.200 MHz	USB
18 MHz Band	18.100 MHz	USB
21 MHz Band	21.200 MHz	USB
24.5 MHz Band	24.900 MHz	USB
28 MHz Band	29.690 MHz	USB
50 MHz Band	53.900 MHz※	USB

※ UK: 51.900 MHz, EU: 50.390 MHz, FRA: 51.190 MHz

❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" jack.

❒ Connect the Audio Generator to pin 8 of the MIC jack (pin 7: GND), then set the output level to 0.5 mV @1 kHz.



ALC Adjustment

❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.

❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d08 iAL" for the 1.8 MHz amateur band's ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."

❒ Rotate the [MIC] knob to the fully counter-clockwise position.

❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.

❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.

❒ Release the PTT switch.

❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d09 iAL" for the 3.5 MHz amateur band's ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."

❒ Rotate the [MIC] knob to the fully counter-clockwise position.

❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.

❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.

❒ Release the PTT switch.

❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d10 iAL"for the 7 MHz amateur band's ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."

❒ Rotate the [MIC] knob to the fully counter-clockwise position.

❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.

❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.

❒ Release the PTT switch.

❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d11 iAL"for the 10 MHz amateur band's ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."

❒ Rotate the [MIC] knob to the fully counter-clockwise position.

❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.

❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.

❒ Release the PTT switch.

❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d12 iAL"for the 14 MHz amateur band's ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."

❒ Rotate the [MIC] knob to the fully counter-clockwise position.

❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.

❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.

❒ Release the PTT switch.

❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d13 iAL"for the 18 MHz amateur band's ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."

❒ Rotate the [MIC] knob to the fully counter-clockwise position.

❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.

❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.

❒ Release the PTT switch.

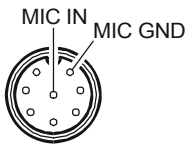
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d14 iAL"for the 21 MHz amateur band´s ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."
- ❒ Rotate the [MIC] knob to the fully counter-clockwise position.
- ❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.
- ❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter.
- ❒ Release the PTT switch.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d15 iAL"for the 24 MHz amateur band´s ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."
- ❒ Rotate the [MIC] knob to the fully counter-clockwise position.
- ❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.
- ❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency indication "10" increase.
- ❒ Release the PTT switch.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d16 iAL"for the 28 MHz amateur band´s ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."
- ❒ Rotate the [MIC] knob to the fully counter-clockwise position.
- ❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.
- ❒ Rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency indication "10" increase.
- ❒ Release the PTT switch.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d17 iAL"for the 50 MHz amateur band´s ALC Adjustment, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0020."
- ❒ Rotate the [MIC] knob to the fully counter-clockwise position.
- ❒ Press the PTT switch, then gently rotate the [MIC] knob to the fully clockwise position.
- ❒ Rotate the [SUB(VFO-B)] knob for 100 W (+5W/–0W) on the Wattmeter, then rotate the [SUB(VFO-B)] knob so that the VFO-B frequency indication "10" increase.
- ❒ Release the PTT switch.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

Power Adjustment

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" jack.
- ❒ Rotate the [RF PWR] knob to fully clockwise.
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d22AP2h."
- ❒ Rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0."
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob for 115 W (+5W/–0W) (200W Type: 220 W (+10W/–0W)) on the Wattmeter, and confirm the the Sub S-meter is deflect.
- ❒ Release the PTT switch.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

ALC Meter Adjustment

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" jack.
- ❒ Connect the Audio Generator to pin 8 of the MIC jack (pin 7: GND), then set the output level to +0 mV @1 kHz.



- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the USB mode.
- ❒ Rotate the [MIC] knob to the 12 o'clock position, and rotate the [RF PWR] knob to the fully clockwise position.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d50 ALC."
- ❒ Press the PTT switch, then adjust the Audio Gen-

erator output level to the position where the ALC meter just starts to deflect.

- ❒ Release the PTT switch, then increase the Audio Generator output level for "9 dB."
- ❒ Press the [ENT] key, ***while pressing and holding in the PTT switch***, then rotate the [SUB(VFO-B)] knob for maximum deflection on the ALC meter zone (S9+10dB).
- ❒ Release the PTT switch, then press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

TX Output Power/PO Meter/TXG Adjustment

- ❒ Referring to table below, tune the transceiver to each frequency listed.

Band	VFO-A Frequency	Mode
1.8 MHz Band	1.820 MHz	CW
3.5 MHz Band	3.570 MHz	CW
7 MHz Band	7.050 MHz	CW
10 MHz Band	10.100 MHz	CW
14 MHz Band	14.200 MHz	CW
18 MHz Band	18.100 MHz	CW
21 MHz Band	21.200 MHz	CW
24.5 MHz Band	24.900 MHz	CW
28 MHz Band	28.700 MHz	CW
50 MHz Band	52.000 MHz※	CW

※ UK: 51.000 MHz, EU: 50.250 MHz, FRA: 50.700 MHz

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" jack.
- ❒ Set the Main Band (VFO-A) frequency to 1.820 MHz in the CW mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Dial knob to select the alignment parameter "d18AP2h."
- ❒ Rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0."
- ❒ Rotate the [VRF] knob for 100 W (or 200W) on the PO meter.
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob for 100 W (or 200W) on the Wattmeter.
- ❒ Rotate the [CLAR] knob so that the Sub S-meter deflects to "S-9."
- ❒ Release the PTT switch.
- ❒ Perform the same procedures for the Alignment Menus "d18bP1h" through "d27EP10," per the chart at the right.

AM-TXG Adjustment

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" jack.
- ❒ Rotate the [RF PWR] knob to fully clockwise.
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the AM mode.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d29 tCA."
- ❒ Rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display shows "0."
- ❒ Press the PTT switch without microphone input, then rotate the [SUB(VFO-B)] knob for 35 W (±5 W) (200 W Type: 70 W (±5 W)) on the Wattmeter.
- ❒ Release the PTT switch.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

Alignment Menu		VFO-B Freq. Display	100W Type PO meter/ATTmeter	200W Type PO meter/ATTmeter	Sub S-meter
1.9 MHz	d18bP1h	0	100 W	200 W	S-9
	d18bP1h	0	50 W	100 W	S-9
	d18cP50	0	20 W	50 W	S-9
	d18dP20	0	10 W	20 W	S-9
	d18EP10	0	5 W	10 W	S-9
3.5 MHz	d19AP2h	0	100 W	200 W	S-9
	d19bP1h	0	50 W	100 W	S-9
	d19cP50	0	20 W	50 W	S-9
	d19dP20	0	10 W	20 W	S-9
	d20EP10	0	5 W	10 W	S-9
7 MHz	d20AP2h	0	100 W	200 W	S-9
	d20bP1h	0	50 W	100 W	S-9
	d20cP50	0	20 W	50 W	S-9
	d20dP20	0	10 W	20 W	S-9
	d20EP10	0	5 W	10 W	S-9
10 MHz	d21AP2h	0	100 W	200 W	S-9
	d21bP1h	0	50 W	100 W	S-9
	d21cP50	0	20 W	50 W	S-9
	d21dP20	0	10 W	20 W	S-9
	d21EP10	0	5 W	10 W	S-9
14 MHz	d22AP2h	0	100 W	200 W	S-9
	d22bP1h	0	50 W	100 W	S-9
	d22cP50	0	20 W	50 W	S-9
	d22dP20	0	10 W	20 W	S-9
	d22EP10	0	5 W	10 W	S-9
18 MHz	d23AP2h	0	100 W	200 W	S-9
	d23bP1h	0	50 W	100 W	S-9
	d23cP50	0	20 W	50 W	S-9
	d23dP20	0	10 W	20 W	S-9
	d23EP10	0	5 W	10 W	S-9
21 MHz	d24AP2h	0	100 W	200 W	S-9
	d24bP1h	0	50 W	100 W	S-9
	d24cP50	0	20 W	50 W	S-9
	d24dP20	0	10 W	20 W	S-9
	d24EP10	0	5 W	10 W	S-9
24 MHz	d25AP2h	0	100 W	200 W	S-9
	d25bP1h	0	50 W	100 W	S-9
	d25cP50	0	20 W	50 W	S-9
	d25dP20	0	10 W	20 W	S-9
	d25EP10	0	5 W	10 W	S-9
28 MHz	d26AP2h	0	100 W	200 W	S-9
	d26bP1h	0	50 W	100 W	S-9
	d26cP50	0	20 W	50 W	S-9
	d26dP20	0	10 W	20 W	S-9
	d26EP10	0	5 W	10 W	S-9
50 MHz	d27AP2h	0	100 W	200 W	S-9
	d27bP1h	0	50 W	100 W	S-9
	d27cP50	0	20 W	50 W	S-9
	d27dP20	0	10 W	20 W	S-9
	d27EP10	0	5 W	10 W	S-9

REV-ALC Adjustment

- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d40 rAC."
- ❒ Rotate the [SUB(VFO-B)] knob so that the VFO-B frequency display.

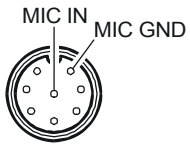
Alignment Menu	Mode	Sub S-meter	100W Type	200W Type
1.820 MHz	CW-U	d40 rCA	60	41
3.570 MHz	CW-U	d41 rCA	60	45
7.050 MHz	CW-U	d42 rCA	60	43
10.100 MHz	CW-U	d43 rCA	60	41
14.200 MHz	CW-U	d44 rCA	60	47
18.100 MHz	CW-U	d45 rCA	60	34
21.200 MHz	CW-U	d46 rCA	60	32
24.900 MHz	CW-U	d47 rCA	60	34
29.690 MHz	CW-U	d48 rCA	60	29
53.900 MHz※	CW-U	d49 rCA	60	22

※ UK: 51.900 MHz, EU: 50.390 MHz, FRA: 51.190 MHz

- ❒ Perform the same procedures for the Alignment Menus "d40 rAC" through "d49 rAC."
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

FM MAX Deviation Adjustment

- ❒ Connect the Dummy Load, Wattmeter, and Deviation Meter to the "ANT 1" Jack.
- ❒ Set the Main Band (VFO-A) frequency to 28.700 MHz in the FM mode.
- ❒ Connect the Audio Generator to pin 8 of the MIC jack (pin 7: GND), then set the output level to 10 mV @1 kHz.



- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d51 F45."
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob for 4.5 kHz (±0.2 kHz) on the Deviation Meter.
- ❒ Release the PTT switch.
- ❒ Set the Main Band (VFO-A) operating mode to the FM-N mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d52 F23."
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob for 2.25 kHz (±0.15 kHz) on the Deviation Meter.
- ❒ Release the PTT switch.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

COMP Meter Adjustment

- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d57 C10," then rotate the [SUB(VFO-B)] knob for "10 dB" on the COMP meter.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d58 C20," then rotate the [SUB(VFO-B)] knob for "20 dB" on the COMP meter.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d59 C30," then rotate the [SUB(VFO-B)] knob so that the COMP meter deflects to full scale.
- ❒ Press and hold in the [MNU] key for 2 seconds to exit from the alignment mode.

SWR Meter Adjustment

- ❒ Switch the external display to "SWR Monitor" page.
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" Jack, then set the [METER] switch to the "SWR" position.
- ❒ Disconnect the 3-pin plug from J1015 on the MAIN Unit, then apply a 4.2 V DC voltage to pin 2 of J1015, and 2.1 V DC to pin 3 of J1015.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d53cS30."
- ❒ Press the PTT switch, then rotate the [VRF] knob so that the SWR meter (on the external display) reading is "3.0." The SWR meter reading (3.0) is broad (few points). Therefore, set the [VRF] knob to the center of this broad range.
- ❒ Rotate the [SUB(VFO-B)] knob so that the SWR meter (on the front panel) reading is "3.0."
- ❒ Release the PTT switch.
- ❒ Perform the same procedures for the Alignment Menus "d54cS30" and "d55cS30."
- ❒ Apply a 4.2 V DC voltage to pin 2 of J1015, and 1.4 V DC to pin 3 of J1015.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter "d53bS20."
- ❒ Press the PTT switch, then rotate the [SUB(VFO-

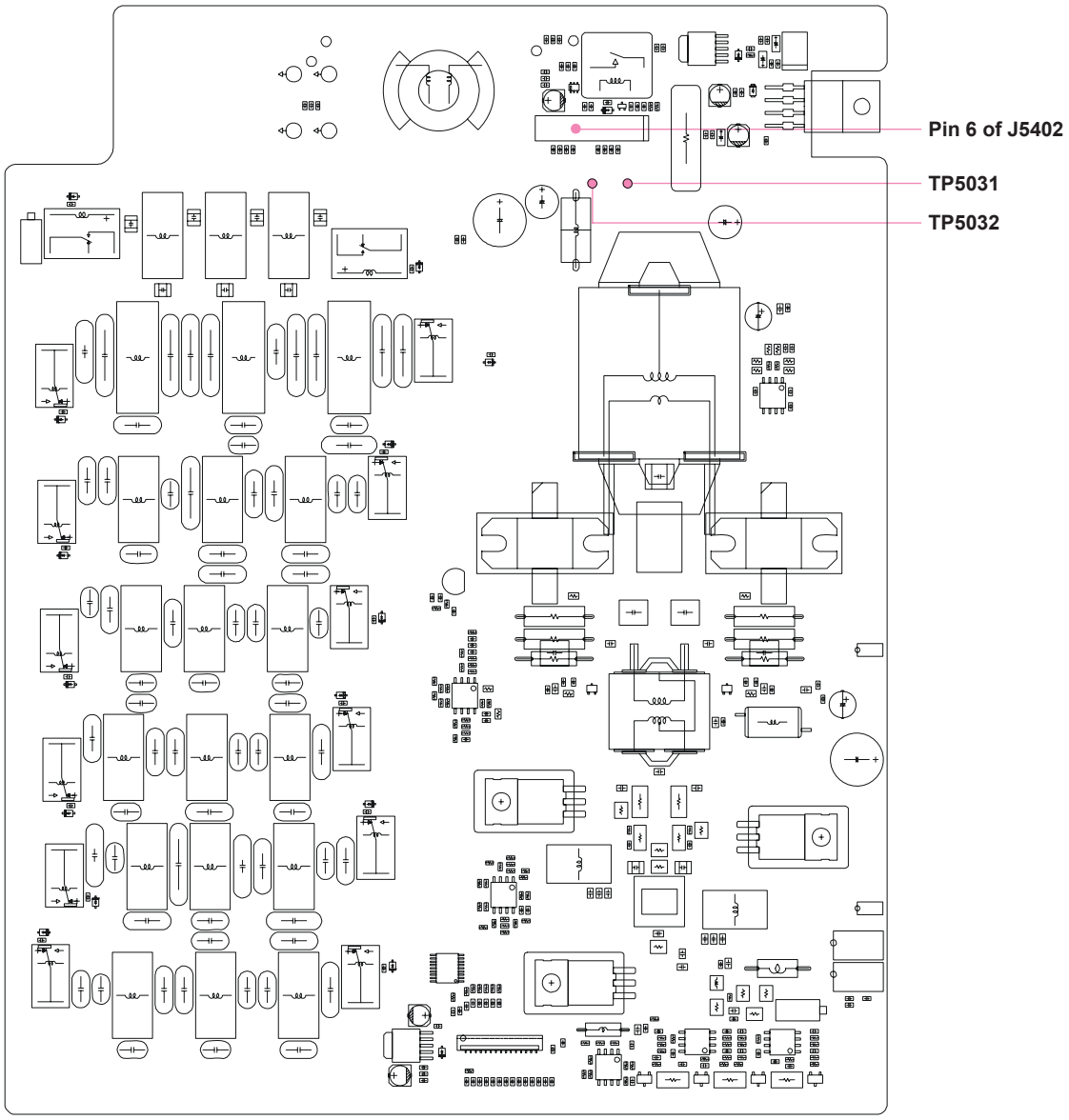
B)] knob so that the SWR meter (on the front panel) reading is “2.0.”
- ❒ Release the PTT switch.
- ❒ Perform the same procedures for the Alignment Menus “d54bS20” and “d55bS20.”
- ❒ Apply a 4.2 V DC voltage to pin 2 of J1015, and 0.84 V DC to pin 3 of J1015.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter “d53AS15.”
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob so that the SWR meter (on the front panel) reading is “1.5.”
- ❒ Release the PTT switch.
- ❒ Perform the same procedures for the Alignment Menus “d54AS15” and “d55AS15.”
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

ID Meter Adjustment (100W Type)

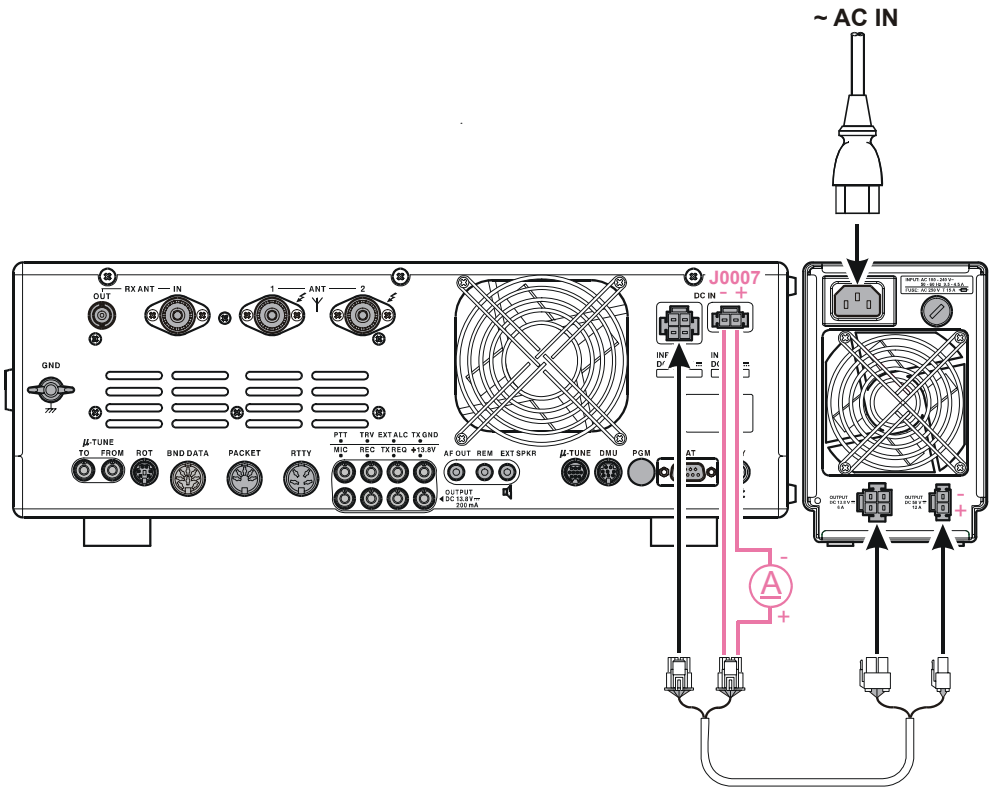
- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the “ANT 1” Jack, then set the METER switch to the “ID” position.
- ❒ Remove the jumper wire from TP5031 and TP5032 on the PA-A Unit, then connect the DC ammeter (20-A range) between TP5031 (+) and TP5032 (–).
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode, then set the [RF PWR] knob fully clockwise position.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter “d56 Idd.”
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob so that the ID meter reading is same as that on the DC ammeter.
- ❒ Press the [ENT] key, then release the PTT switch.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.
- ❒ Disconnect the DC ammeter, then re-connect the jumper wire between TP5031 and TP5032.

ID Meter Adjustment (200W Type)

- ❒ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT 1" Jack, then set the METER switch to the "ID" position.
- ❒ Connect the DC ammeter between J0007 (pin 2) and Pin 2 Connector on the FP-2000.
- ❒ Set the Main Band (VFO-A) frequency to 14.200 MHz in the CW mode, then set the [RF PWR] knob fully clockwise position.
- ❒ Press and hold in the [1(1.8)], [2(3.5)], and [3(7)] keys, while turning the radio on, to enter the alignment mode.
- ❒ Rotate the Main Tuning Dial knob to select the alignment parameter “d56 Idd.”
- ❒ Press the PTT switch, then rotate the [SUB(VFO-B)] knob so that the ID meter reading is same as that on the DC ammeter.
- ❒ Press the [ENT] key, then release the PTT switch.
- ❒ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.



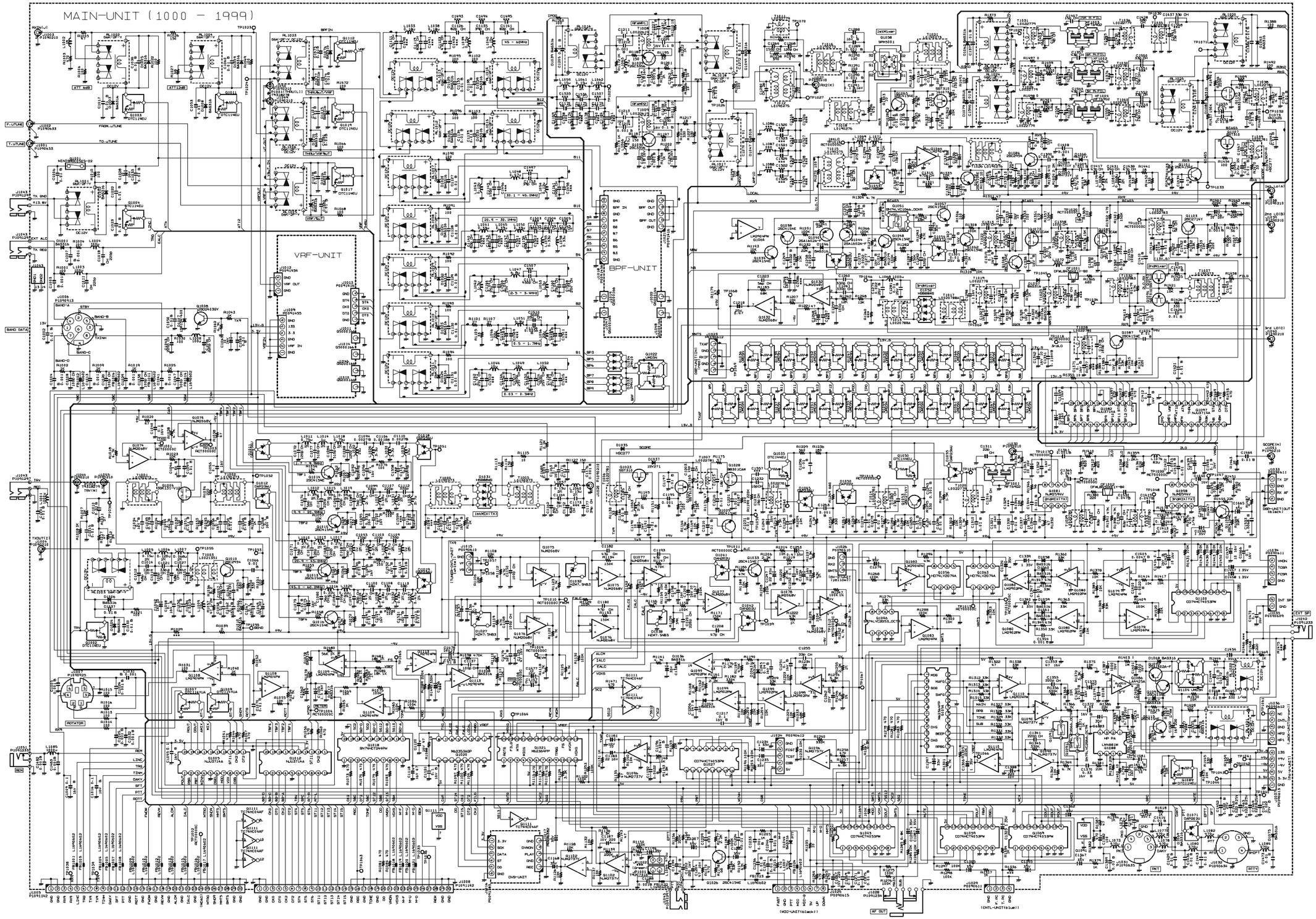
100W PA-A UNIT POINTS



200W PA-B UNIT DC AMMETER CONNECT POINT

MAIN Unit (Lot. 1)

Circuit Diagram

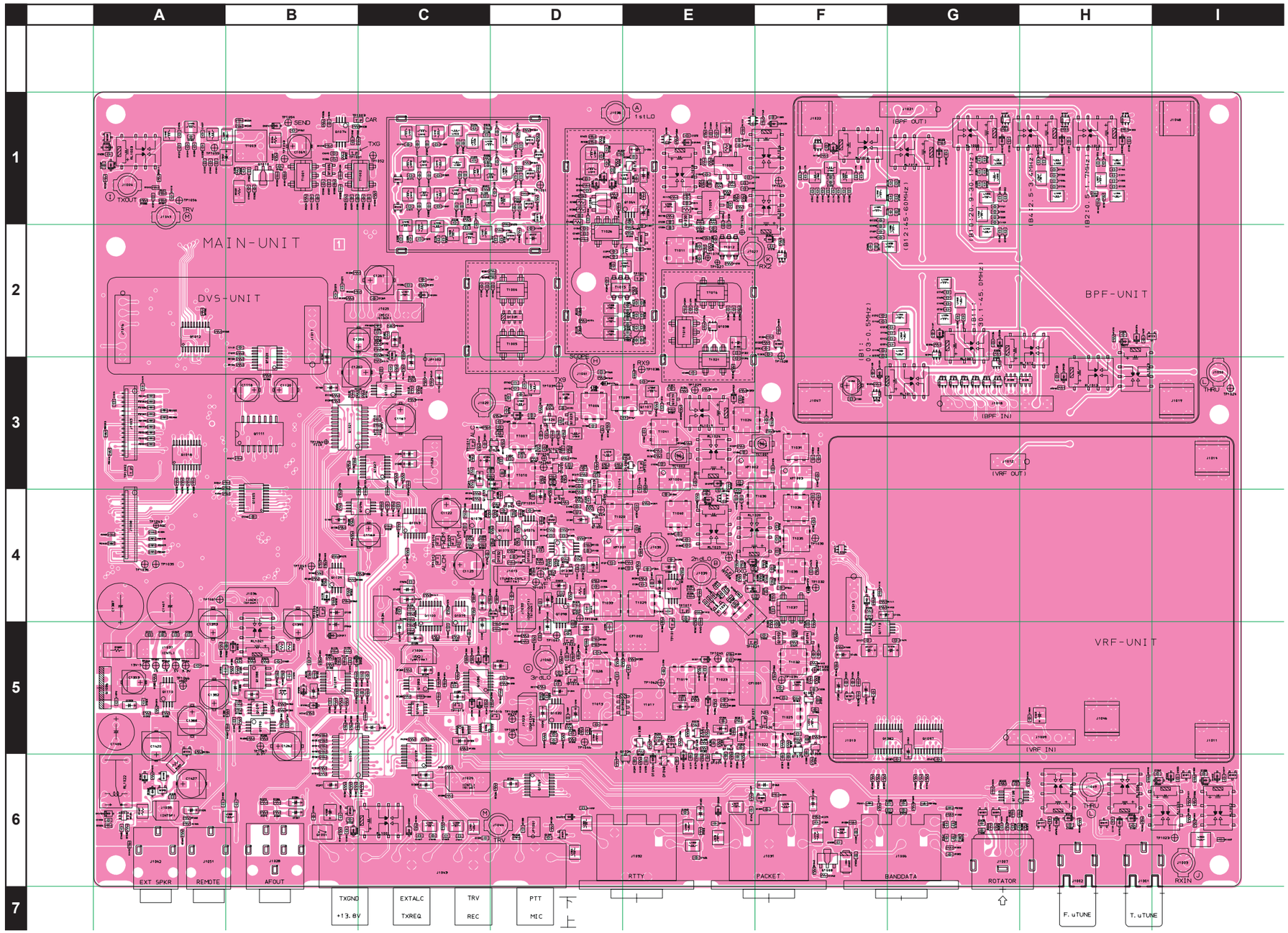


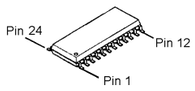
MAIN Unit (Lot. 1)

Note

MAIN Unit (Lot. 1)

Parts Layout (Side A)





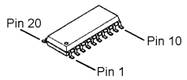
M62364FP
(Q1021, 1054)



2SA1602A (MF)
(Q1040, 1044, 1092)
2SB624 (BV3)
(Q4507)



DTC114EUA (24)
(Q1002, 1003, 1004, 1011, 1017, 1019, 1089, 1112)



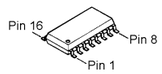
NJU3714A
(Q1005, 1012, 1082, 1097)
SN74HCT244PWR
(Q1018)



2SC2714 (QY)
(Q1053, 1103)
2SC3356 (R24)
(Q1029, 1030)
2SC4154 (E)
(Q1013, 1014, 1015, 1016, 1025, 1026, 1033, 1034, 1038, 1048, 1057, 1062, 1065, 1068, 1072, 1087, 1095, 1101, 1106, 1115)



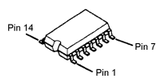
DTC114YUA (64)
(Q1007, 1009)



M62353AGP
(Q1020)



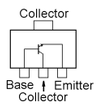
DTC144EUA (26)
(Q1035, 1050)



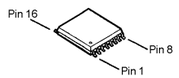
TC74HC04AF
(Q1111)



SST310 (Z0)
(Q1023, 1024, 1070, 1093, 1094, 1107)



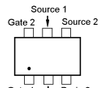
2SC2945 (QK)
(Q1010, 1103)



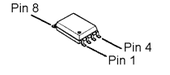
CD74HCT4053PWR
(Q1027, 1043, 1059, 1069, 1100)
LA2902PWR
(Q1080, 1099)



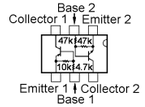
2SD2403GY (GY)
(Q1008)



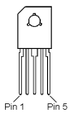
SPM5001
(Q1058)



HD74LV2G74A (QK)
(Q1056, 1063)
LM2904PWR
(Q1064, 1079, 1083, 1108, 1109, 1110, 1113)
LM4881MX
(Q1088)
NJM2068V
(Q1032, 1074, 1075, 1076, 1077, 1078)
NJM2594V
(Q1081, 1098)
NJM2737V
(Q1090, 1096, 1102)
SN74LVC2G53DCTR
(Q1046)
SN74LVC2G66DCTR
(Q1091)

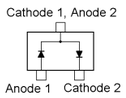


UMD5N
(Q1022, 1031, 1036, 1037, 1039, 1041, 1042, 1045, 1047, 1049, 1052, 1055, 1060, 1061, 1066, 1067, 1071, 1104, 1114)

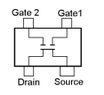


LA4425A
(Q1086)

SN74LVC1G66DCKR
(Q1051)



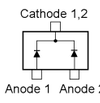
1SS226 (C3)
(D1081)
1SS372 (N9)
(D1054)
HSM198S (C6)
(D1053)



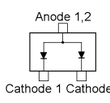
3SK131 (V12)
(Q1006)



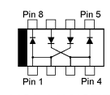
BB301CAW (AW)
(Q1028, 1073, 1085, 1105)



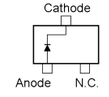
DAN202U (N)
(D1041, 1042, 1048,)



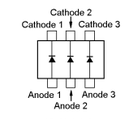
DAP236U (X)
(D1011, 1012, 1018, 1019, 1045, 1055)



HSB88WSTR
(D1031, 1052)



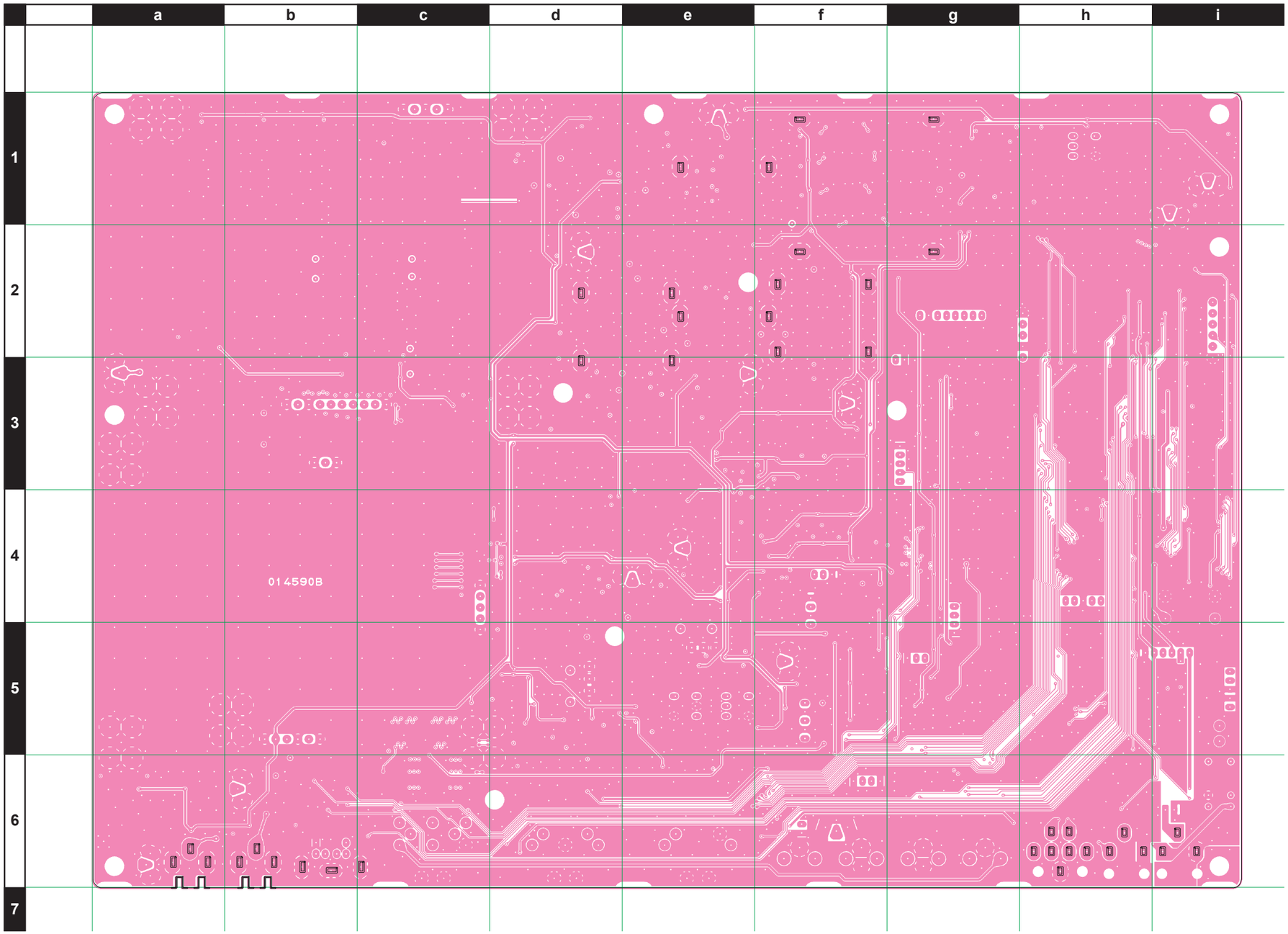
HZM7.5NB3
(D1027, 1032, 1038)



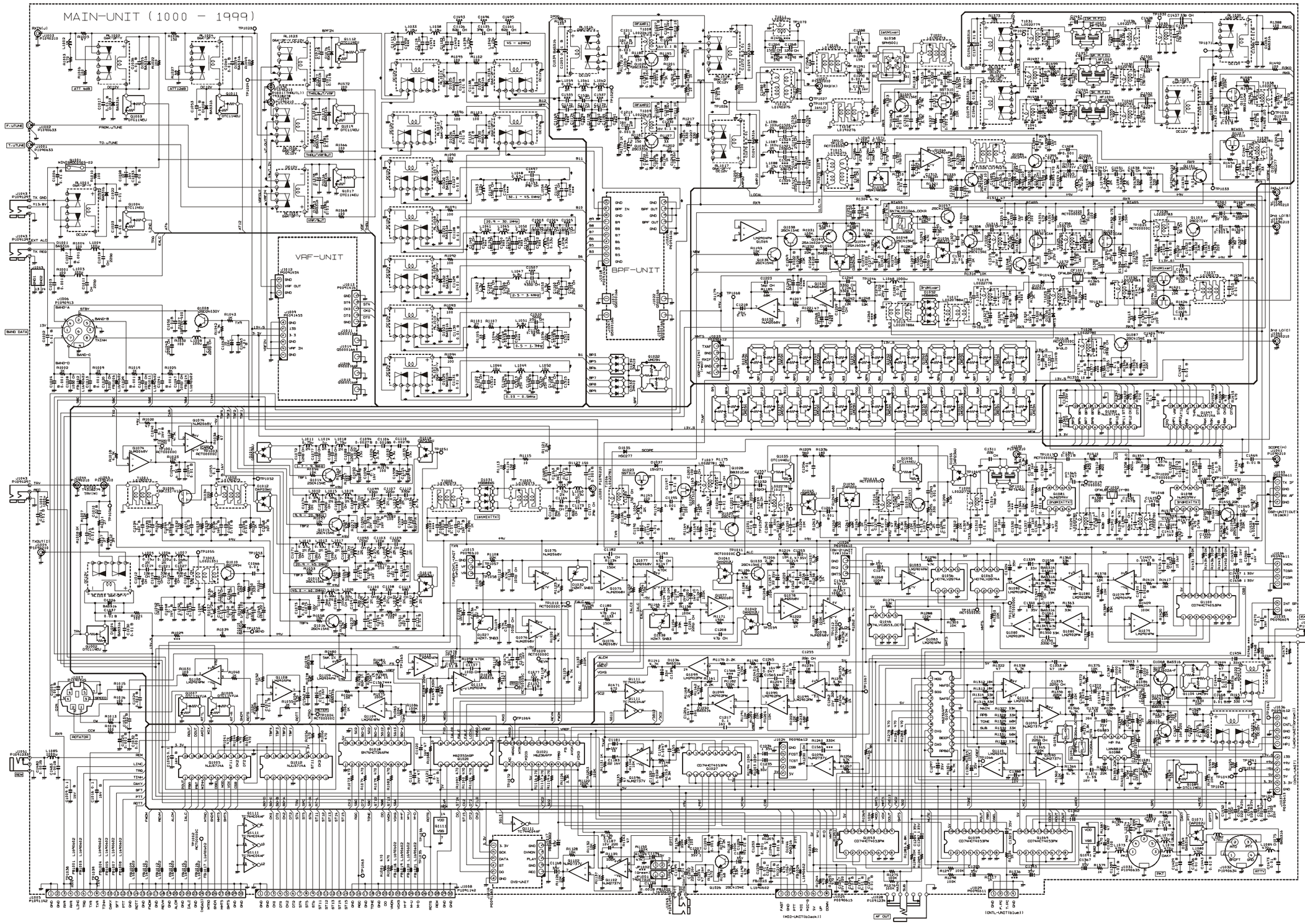
IMN10
(D1033, 1034)

MAIN Unit (Lot. 1)

Parts Layout (Side A)



Circuit Diagram

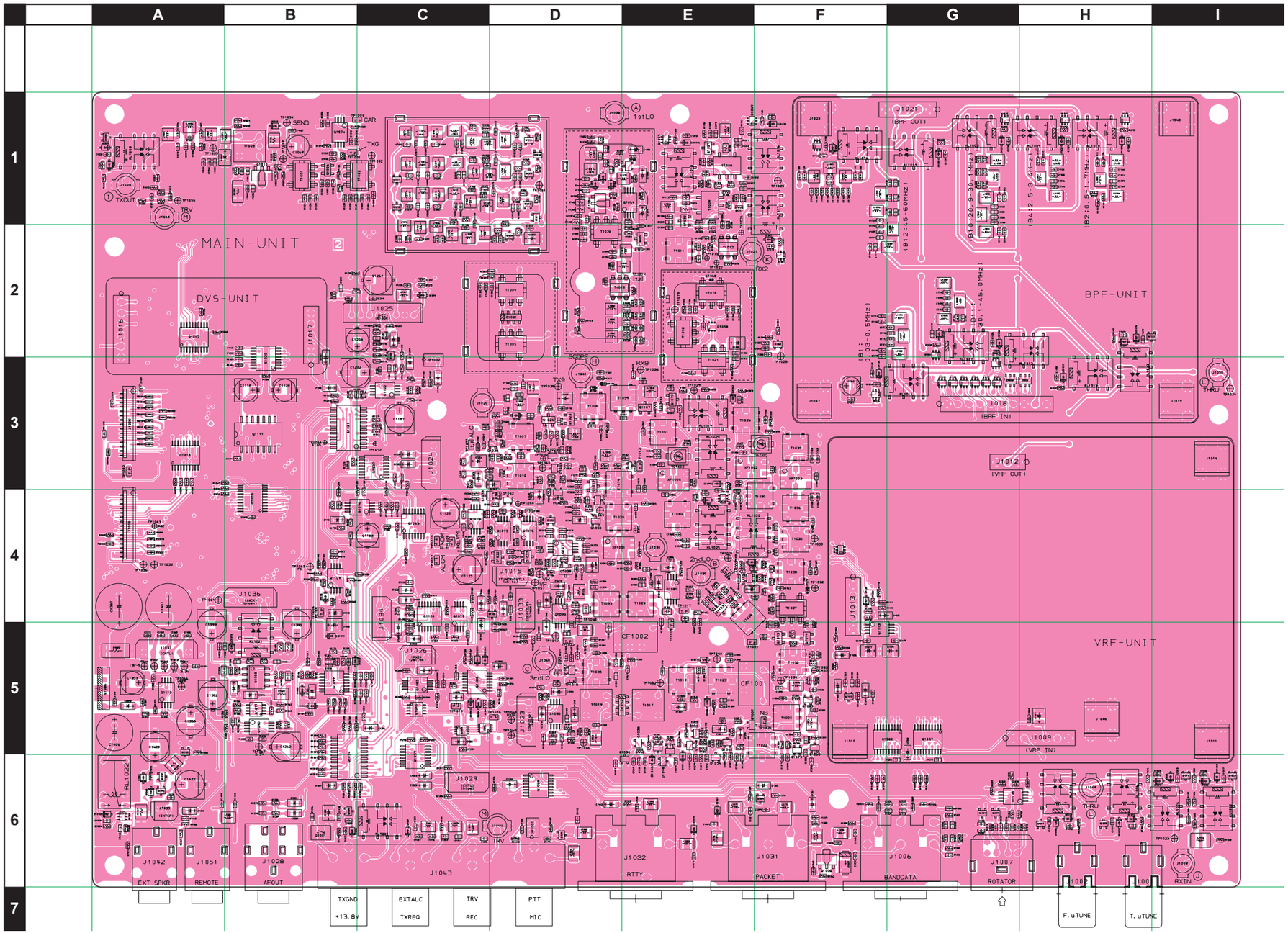


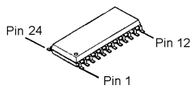
MAIN Unit (Lot. 2~5)

Note

MAIN Unit (Lot. 2~5)

Parts Layout (Side A)





M62364FP
(Q1021, 1054)

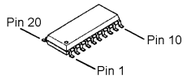


2SA1602A (MF)
(Q1040, 1044, 1092)

2SB624 (BV3)
(Q4507)



DTC114EUA (24)
(Q1002, 1003, 1004, 1011, 1017, 1019, 1089, 1112)



NJU3714A
(Q1005, 1012, 1082, 1097)

SN74HCT244PWR
(Q1018)

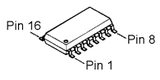


2SC2714 (QY)
(Q1053, 1103)

2SC3356 (R24)
(Q1029, 1030)



DTC114YUA (64)
(Q1007, 1009)

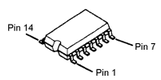


M62353AGP
(Q1020)



DTC144EUA (26)
(Q1035, 1050)

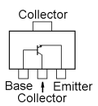
2SC4154 (E)
(Q1013, 1014, 1015, 1016, 1025, 1026, 1033, 1034, 1038, 1048, 1057, 1062, 1065, 1068, 1072, 1087, 1095, 1101, 1106, 1115)



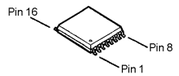
TC74HC04AF
(Q1111)



SST310 (Z0)
(Q1023, 1024, 1070, 1093, 1094, 1107)



2SC2945 (QK)
(Q1010, 1103)



CD74HCT4053PWR
(Q1027, 1043, 1059, 1069, 1100)

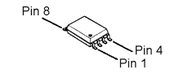
LA2902PWR
(Q1080, 1099)



2SD2403GY (GY)
(Q1008)



SPM5001
(Q1058)



HD74LV2G74A (QK)
(Q1056, 1063)

LM2904PWR
(Q1064, 1079, 1083, 1108, 1109, 1110, 1113)

LM4881MX
(Q1088)

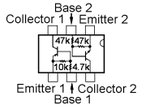
NJM2068V
(Q1032, 1074, 1075, 1076, 1077, 1078)

NJM2594V
(Q1081, 1098)

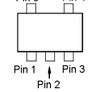
NJM2737V
(Q1090, 1096, 1102)

SN74LVC2G53DCTR
(Q1046)

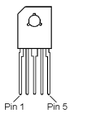
SN74LVC2G66DCTR
(Q1091)



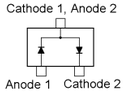
UMD5N
(Q1022, 1031, 1036, 1037, 1039, 1041, 1042, 1045, 1047, 1049, 1052, 1055, 1060, 1061, 1066, 1067, 1071, 1104, 1114)



SN74LVC1G66DCKR
(Q1051)



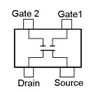
LA4425A
(Q1086)



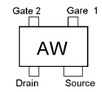
1SS226 (C3)
(D1081)

1SS372 (N9)
(D1054)

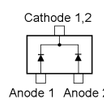
HSM198S (C6)
(D1053)



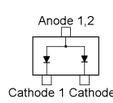
3SK131 (V12)
(Q1006)



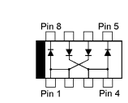
BB301CAW (AW)
(Q1028, 1073, 1085, 1105)



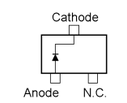
DAN202U (N)
(D1041, 1042, 1048,)



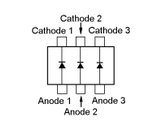
DAP236U (X)
(D1011, 1012, 1018, 1019, 1045, 1055)



HSB88WSTR
(D1031, 1052)



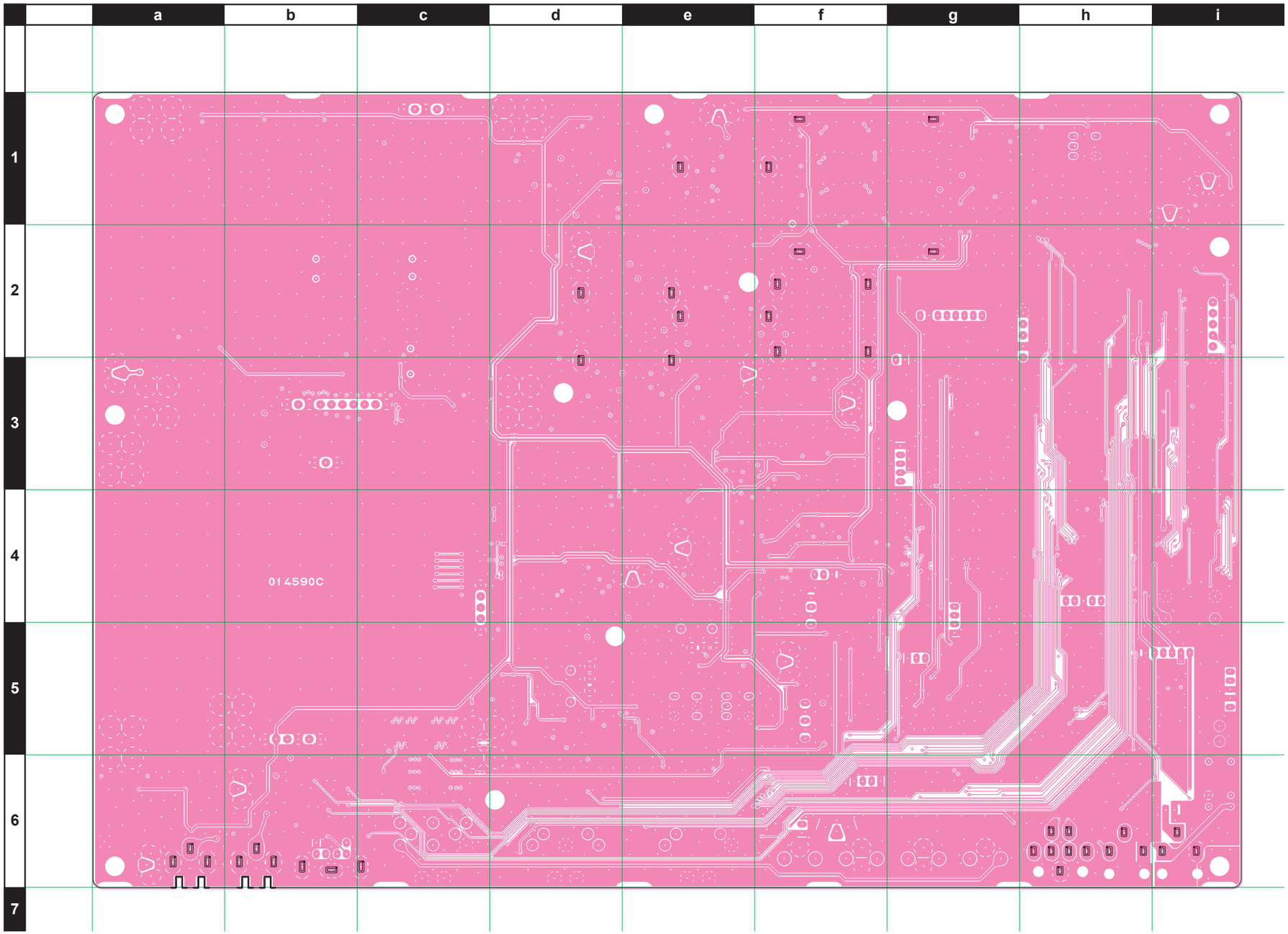
HZM7.5NB3
(D1027, 1032, 1038)



IMN10
(D1033, 1034)

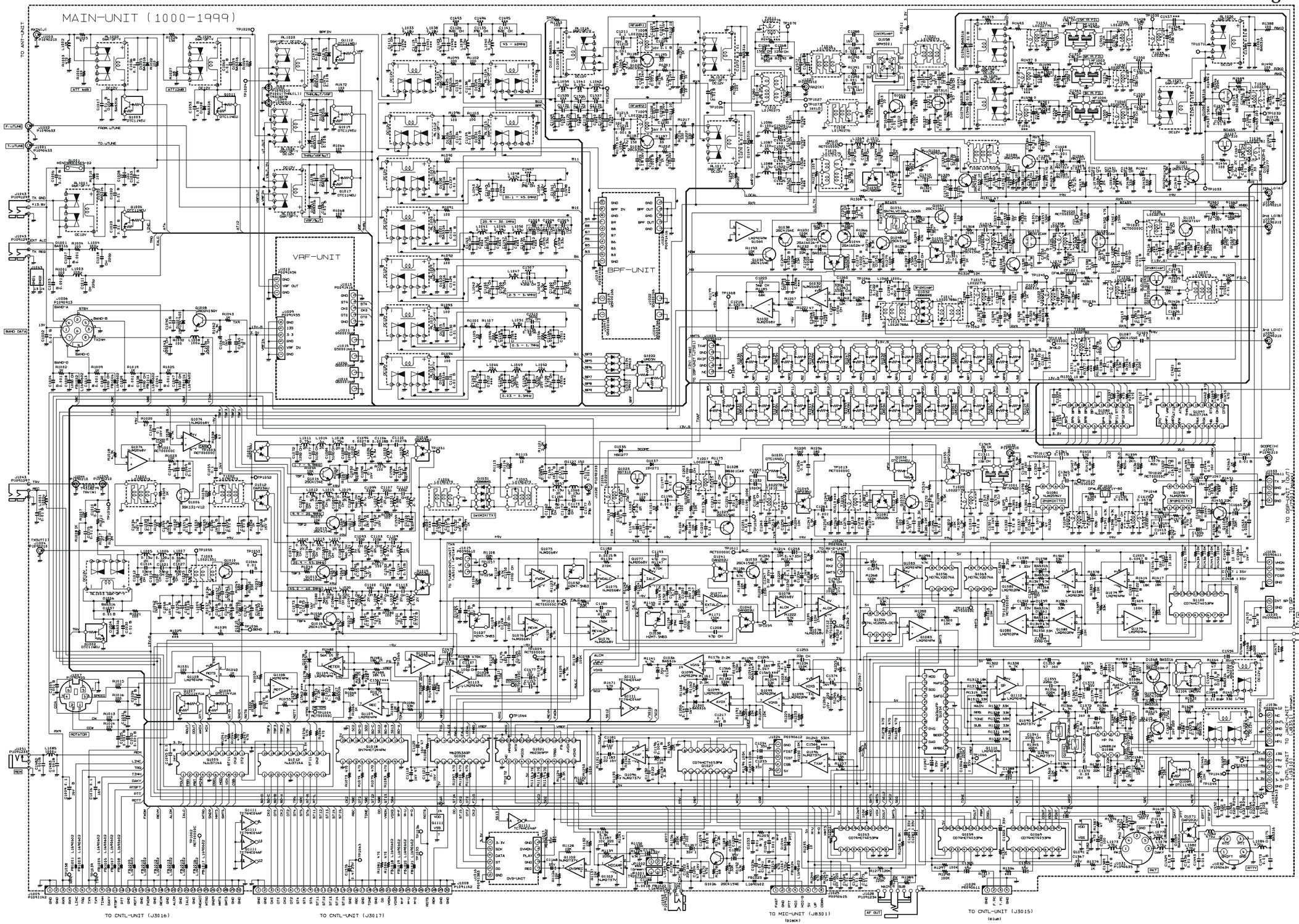
MAIN Unit (Lot. 2~5)

Parts Layout (Side A)



MAIN Unit (Lot. 6~)

Circuit Diagram

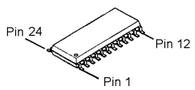


MAIN Unit (Lot. 6~)

Note

MAIN Unit (Lot. 6~)

Parts Layout (Side A)



M62364FP
(Q1021, 1054)

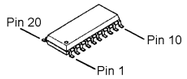


2SA1602A (MF)
(Q1040, 1044, 1092)

2SB624 (BV3)
(Q4507)



DTC114EUA (24)
(Q1002, 1003, 1004, 1011, 1017, 1019, 1089, 1112)



NJU3714A
(Q1005, 1012, 1082, 1097)

SN74HCT244PWR
(Q1018)



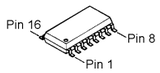
2SC2714 (QY)
(Q1053, 1103)

2SC3356 (R24)
(Q1029, 1030)

2SC4154 (E)
(Q1013, 1014, 1015, 1016, 1025, 1026, 1033, 1034, 1038, 1048, 1057, 1062, 1065, 1068, 1072, 1087, 1095, 1101, 1106, 1115)



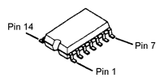
DTC114YUA (64)
(Q1007, 1009)



M62353AGP
(Q1020)



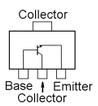
DTC144EUA (26)
(Q1035, 1050)



TC74HC04AF
(Q1111)



SST310 (Z0)
(Q1023, 1024, 1070, 1093, 1094, 1107)



2SC2945 (QK)
(Q1010, 1103)

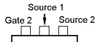


CD74HCT4053PWR
(Q1027, 1043, 1059, 1069, 1100)

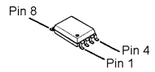
LA2902PWR
(Q1080, 1099)



2SD2403GY (GY)
(Q1008)



SPM5001
(Q1058)



HD74LV2G74A (QK)
(Q1056, 1063)

LM2904PWR
(Q1064, 1079, 1083, 1108, 1109, 1110, 1113)

LM4881MX
(Q1088)

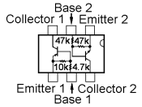
NJM2068V
(Q1032, 1074, 1075, 1076, 1077, 1078)

NJM2594V
(Q1081, 1098)

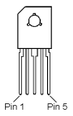
NJM2737V
(Q1090, 1096, 1102)

SN74LVC2G53DCTR
(Q1046)

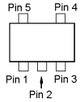
SN74LVC2G66DCTR
(Q1091)



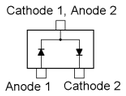
UMD5N
(Q1022, 1031, 1036, 1037, 1039, 1041, 1042, 1045, 1047, 1049, 1052, 1055, 1060, 1061, 1066, 1067, 1071, 1104, 1114)



LA4425A
(Q1086)



SN74LVC1G66DCKR
(Q1051)



1SS226 (C3)
(D1081)

1SS372 (N9)
(D1054)

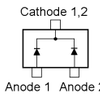
HSM198S (C6)
(D1053)



3SK131 (V12)
(Q1006)



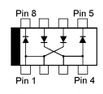
BB301CAW (AW)
(Q1028, 1073, 1085, 1105)



DAN202U (N)
(D1041, 1042, 1048,)



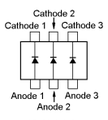
DAP236U (X)
(D1011, 1012, 1018, 1019, 1045, 1055)



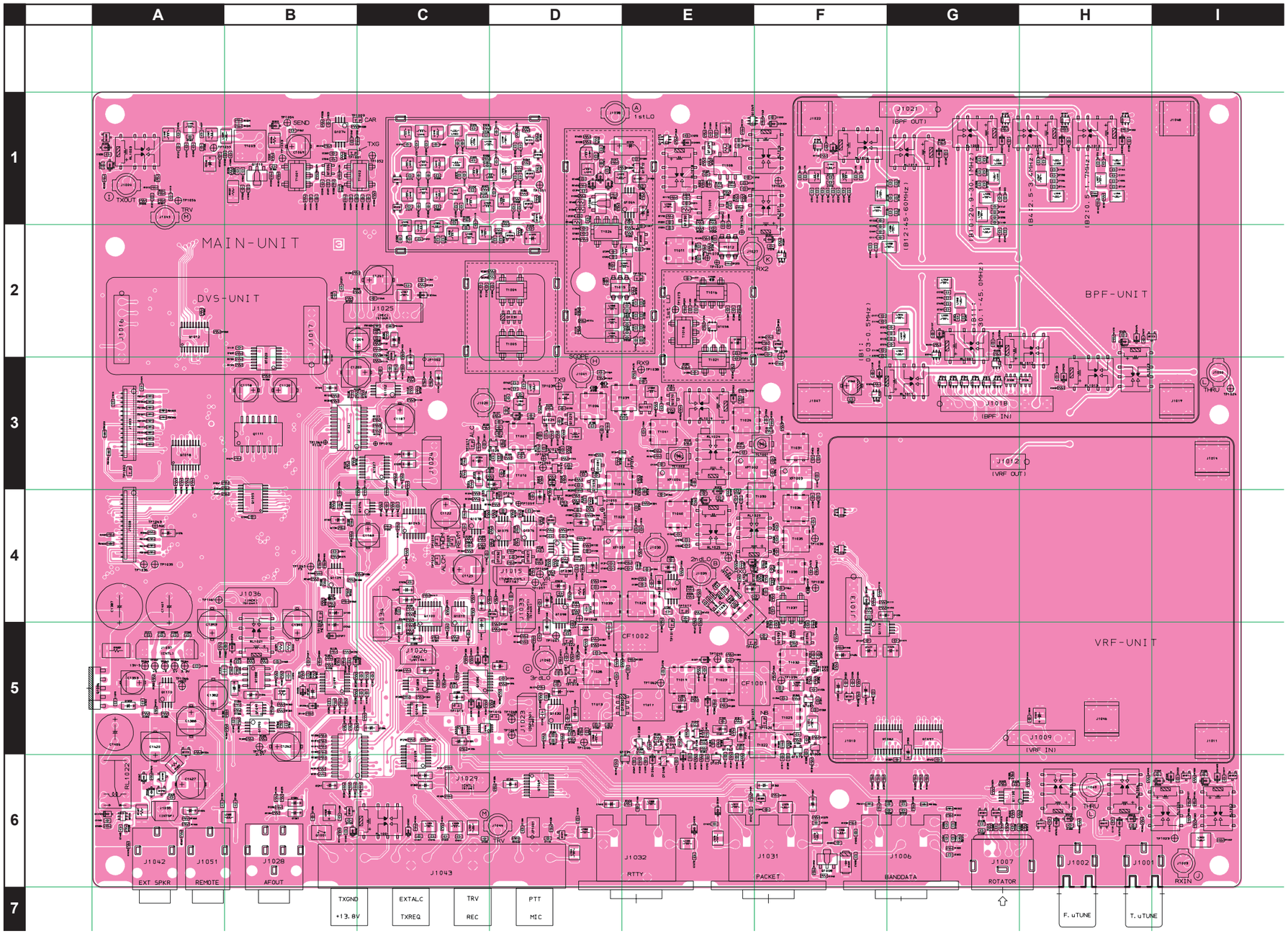
HSB88WSTR
(D1031, 1052)



HZM7.5NB3
(D1027, 1032, 1038)

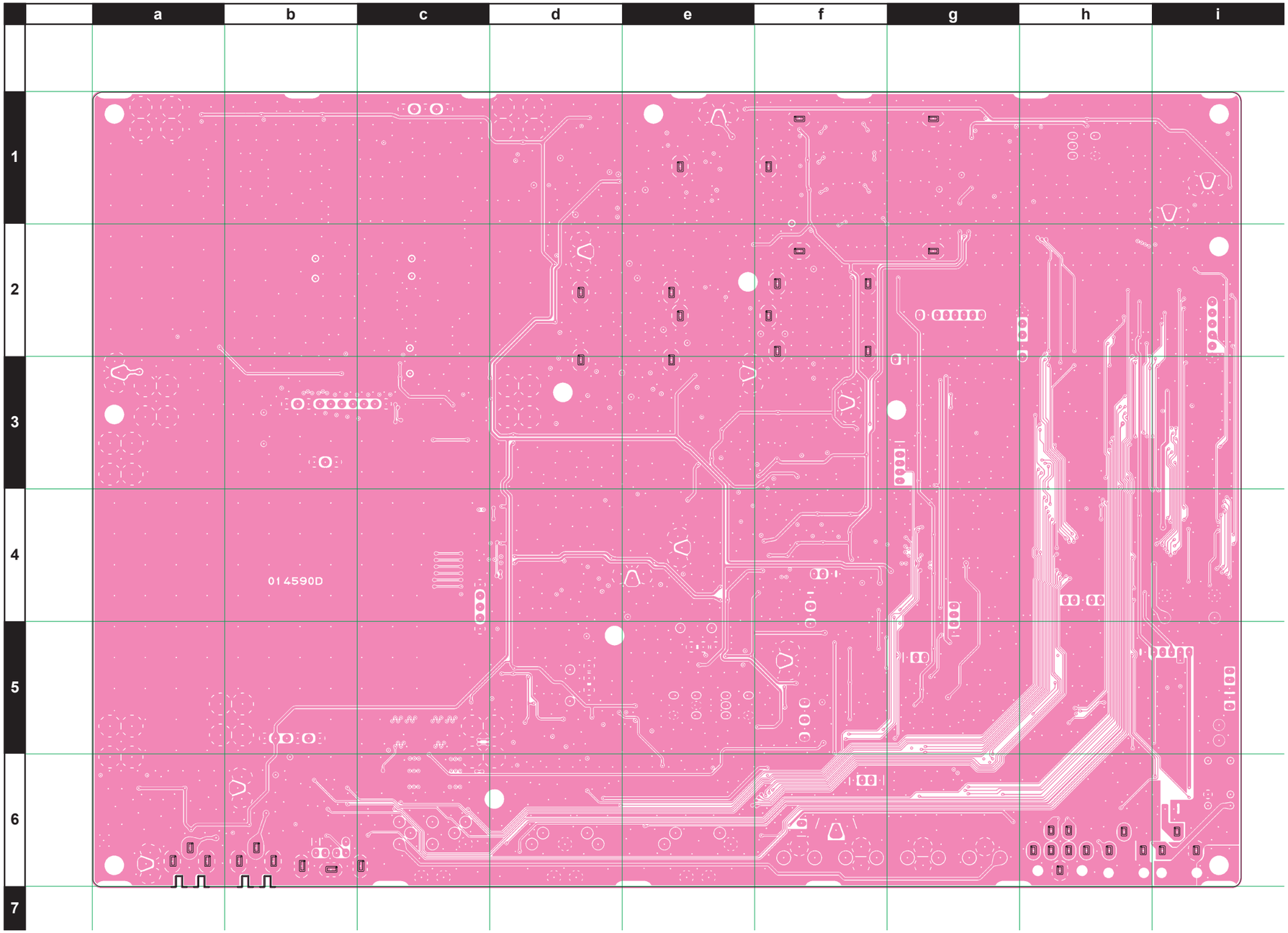


IMN10
(D1033, 1034)



MAIN Unit (Lot. 6~)

Parts Layout (Side A)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3483001				
	Printed Circuit Board					FR014590B		1		
						FR014590C		2-		
						FR014590D		6-		
C 1001	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C6
C 1002	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G6
C 1003	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C6
C 1004	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1005	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1006	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B6
C 1007	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C6
C 1008	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	G6
C 1009	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A3
C 1010	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1011	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	C6
C 1012	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A1
C 1013	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1014	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	A1
C 1015	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1016	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A3
C 1017	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 1018	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	C6
C 1019	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A1
C 1020	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	G6
C 1021	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	A1
C 1022	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B6
C 1023	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B6
C 1024	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1025	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1026	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A1
C 1027	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	A1
C 1028	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	B6
C 1029	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1030	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1031	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1032	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1033	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B6
C 1034	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1035	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	A1
C 1036	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 1037	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1038	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	G6
C 1039	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1040	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1041	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G6
C 1042	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	B1
C 1043	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	F6
C 1044	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1045	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 1046	CHIP CAP.	1uF	6.3V	B	GRM188B10J105KA01D	K22084801		1-	A	B1
C 1047	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	G6
C 1048	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 1049	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1050	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F6
C 1051	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1052	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 1053	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 1054	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	F6
C 1055	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1056	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1057	CHIP CAP.	270pF	50V	CH	GRM1882C1H271JA01D	K22174251		1-	A	B1
C 1058	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1059	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1060	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 1061	CHIP CAP.	270pF	50V	CH	GRM1882C1H271JA01D	K22174251		1-	A	B1
C 1062	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1063	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	H5
C 1064	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 1065	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H5
C 1066	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 1067	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 1068	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 1069	AL.ELECTRO.CAP.	22uF	16V		EEE1CA220SR	K48120024		1-	A	B1

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1070	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G6
C 1071	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C1
C 1072	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	C1
C 1073	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1074	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C1
C 1075	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	D2
C 1076	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	C1
C 1077	CHIP CAP.	510pF	50V	CH	GRM1882C1H511JA01D	K22174257		1-	A	C1
C 1078	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H6
C 1079	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	C1
C 1080	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C2
C 1081	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H6
C 1082	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H6
C 1083	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	C1
C 1084	CHIP CAP.	510pF	50V	CH	GRM1882C1H511JA01D	K22174257		1-	A	C1
C 1085	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	C1
C 1086	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	C2
C 1087	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C1
C 1088	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	C1
C 1089	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C1
C 1090	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 1091	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	C2
C 1092	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 1093	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	C1
C 1094	CHIP CAP.	0.0027uF	50V	B	GRM188B11H272KA01D	K22174829		1-	A	C1
C 1095	CHIP CAP.	0.033uF	16V	R	GRM188R11C333KA01D	K22124801		1-	A	C1
C 1096	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 1097	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1098	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 1099	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	C1
C 1100	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	C1
C 1101	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H6
C 1102	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 1103	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	C1
C 1104	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 1105	CHIP TA.CAP.	1.5uF	16V		TESVA1C155M1-8R	K78120020		1-	A	B4
C 1106	CHIP CAP.	0.0018uF	50V	B	GRM188B11H182KA01D	K22174828		1-	A	C1
C 1107	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	C1
C 1108	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C2
C 1109	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	D1
C 1110	CHIP CAP.	0.0027uF	50V	B	GRM188B11H272KA01D	K22174829		1-	A	D1
C 1111	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	F2
C 1112	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	D1
C 1113	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	C1
C 1114	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 1115	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 1116	CHIP CAP.	0.033uF	16V	R	GRM188R11C333KA01D	K22124801		1-	A	D1
C 1117	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 1118	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470WR	K48120025		1-	A	B3
C 1119	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	F2
C 1120	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470WR	K48120025		1-	A	B3
C 1121	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 1122	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470SP	K48120005		1-	A	C4
C 1123	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	F1
C 1124	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1125	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470SP	K48120005		1-	A	C4
C 1126	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G1
C 1127	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 1128	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 1129	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 1130	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 1131	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 1132	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 1133	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 1134	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 1135	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	G1
C 1136	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 1137	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F4
C 1138	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 1139	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 1140	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G2
C 1141	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G1
C 1142	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	F2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1143	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	G1
C 1144	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	H1
C 1145	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	G2
C 1146	CHIP CAP.	0.0056uF	50V	B	GRM188B11H562KA01D	K22174818		1-	A	G2
C 1147	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	G1
C 1148	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D4
C 1149	CHIP CAP.	0.0018uF	50V	B	GRM188B11H182KA01D	K22174812		1-	A	H1
C 1150	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D4
C 1151	CHIP CAP.	430pF	50V	CH	GRM1882C1H431JA01D	K22174256		1-	A	H1
C 1152	CHIP CAP.	0.0056uF	50V	B	GRM188B11H562KA01D	K22174818		1-	A	G2
C 1153	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	G2
C 1154	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G1
C 1155	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	G1
C 1156	CHIP CAP.	0.0056uF	50V	B	GRM188B11H562KA01D	K22174818		1-	A	H1
C 1157	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1158	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	F2
C 1159	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G1
C 1160	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	H1
C 1161	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	G2
C 1162	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	D3
C 1163	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 1164	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DZ01D	K22174209		1-	A	D3
C 1165	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	G1
C 1166	CHIP CAP.	0.0018uF	50V	B	GRM188B11H182KA01D	K22174812		1-	A	H1
C 1167	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B3
C 1168	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B3
C 1169	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	F1
C 1170	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DZ01D	K22174207		1-	A	F1
C 1171	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1172	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	D3
C 1174	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	F1
C 1175	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	F1
C 1176	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 1177	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	D3
C 1178	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	F1
C 1179	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	F1
C 1180	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D4
C 1181	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	B4
C 1182	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D4
C 1183	AL.ELECTRO.CAP.	22uF	16V		EEE1CA220SR	K48120024		1-	A	C4
C 1184	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	F1
C 1185	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	D3
C 1186	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1187	AL.ELECTRO.CAP.	220uF	10V		RV3-10V221MF80-R	K48100002		1-	A	C3
C 1188	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D6
C 1189	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B5
C 1190	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	D3
C 1191	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1192	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	C4
C 1193	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D4
C 1194	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C3
C 1195	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 1196	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174833		1-	A	C4
C 1197	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1198	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D4
C 1199	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D6
C 1200	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	D4
C 1201	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	D4
C 1202	AL.ELECTRO.CAP.	220uF	16V		MVA16VC220MF80	K48120021		1-	A	B3
C 1203	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	D3
C 1204	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470WR	K48120025		1-	A	C2
C 1205	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	F1
C 1206	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	B5
C 1207	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C3
C 1208	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D4
C 1209	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 1210	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1211	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1212	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E1
C 1213	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1214	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E1
C 1215	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	D3
C 1216	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1217	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 1218	CHIP CAP.	0.022uF	50V	B	GRM40B223M50PT	K22170821		1-	A	D5
C 1219	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1220	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1221	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 1222	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C2
C 1223	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	D5
C 1224	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 1225	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E1
C 1226	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 1227	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E1
C 1228	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 1229	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1230	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1231	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1232	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	D3
C 1233	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 1234	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C3
C 1235	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C3
C 1236	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1237	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1238	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 1239	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	D3
C 1240	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	D4
C 1241	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1242	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 1243	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 1244	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D5
C 1245	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	B5
C 1246	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 1247	CHIP TA.CAP.	0.22uF	35V		TESVA1V224M1-8R	K78160027		1-	A	D3
C 1248	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D5
C 1249	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	E6
C 1250	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1251	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C5
C 1252	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 1253	CHIP TA.CAP.	0.47uF	35V		TEMSVA1V474M-8R	K78160029		1-	A	C3
C 1254	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	C3
C 1255	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C5
C 1256	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1257	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E5
C 1258	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	E6
C 1259	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D5
C 1260	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	D5
C 1261	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	D5
C 1262	AL.ELECTRO.CAP.	220uF	10V		RV3-10V221MF80-R	K48100002		1-	A	B5
C 1263	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 1264	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	E2
C 1265	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 1266	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E5
C 1267	AL.ELECTRO.CAP.	220uF	10V		RV3-10V221MF80-R	K48100002		1-	A	C2
C 1268	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	E2
C 1269	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 1270	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	F2
C 1271	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1272	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	E1
C 1273	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	E6
C 1274	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	D5
C 1275	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 1276	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 1277	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E6
C 1278	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1279	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C5
C 1280	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	E2
C 1281	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	D5
C 1282	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	D3
C 1283	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	D2
C 1284	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B6
C 1286	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D2
C 1287	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B6
C 1288	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 1289	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 1290	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1291	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 1292	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	E6
C 1294	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	D2
C 1295	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	E5
C 1296	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1297	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B6
C 1298	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E5
C 1299	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D2
C 1300	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	E2
C 1301	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	E6
C 1302	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E5
C 1303	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	F2
C 1304	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	E1
C 1305	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C6
C 1306	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C5
C 1307	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 1308	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	E5
C 1309	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E5
C 1310	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1311	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	D4
C 1312	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-5	A	F2
C 1313	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	E5
C 1314	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	E4
C 1315	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	E1
C 1316	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 1317	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	E3
C 1318	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 1319	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F6
C 1320	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E5
C 1321	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D4
C 1322	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 1323	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C6
C 1324	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C5
C 1325	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F5
C 1326	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	E6
C 1327	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E5
C 1328	CHIP TA.CAP.	10uF	10V		TEMSVB21A106M-8R	K78100017		1-	A	E2
C 1329	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DZ01D	K22174207		1-	A	E4
C 1330	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 1331	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 1332	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-5	A	E1
C 1333	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	F5
C 1334	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	E3
C 1335	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 1336	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E1
C 1337	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E4
C 1338	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F5
C 1339	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C5
C 1340	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	D5
C 1341	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B5
C 1342	AL.ELECTRO.CAP.	10uF	16V		RV4-16V100MD46-RR2	K48120018		1-	A	F3
C 1343	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E4
C 1344	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 1345	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	D6
C 1346	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E4
C 1347	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	C5
C 1348	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	E5
C 1350	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F6
C 1351	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 1352	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E4
C 1353	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470WR	K48120025		1-	A	A5
C 1354	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	D5
C 1355	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B5
C 1357	CHIP CAP.	43pF	50V	CH	GRM1882C1H430JZ01D	K22174226		1-	A	E3
C 1358	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F5
C 1359	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G6
C 1360	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	G5
C 1361	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 1362	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	F6
C 1363	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	D2
C 1365	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	E4
C 1366	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F5
C 1367	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	F6

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1368	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	F5
C 1369	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	A5
C 1370	CHIP CAP.	0.33uF	16V	B	GRM40B334K16PT	K22120807		1-	A	B5
C 1371	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D5
C 1372	CHIP CAP.	0.33uF	16V	B	GRM40B334K16PT	K22120807		1-	A	A5
C 1373	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A5
C 1374	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	D1
C 1375	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 1377	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	E4
C 1378	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	D5
C 1379	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A5
C 1380	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F5
C 1381	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	E4
C 1382	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	A5
C 1383	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B5
C 1384	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1385	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D5
C 1386	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1387	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	A4
C 1388	AL.ELECTRO.CAP.	220uF	10V		RV3-10V221MF80-R	K48100002		1-	A	A5
C 1389	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F6
C 1390	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 1391	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F5
C 1392	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	F5
C 1393	AL.ELECTRO.CAP.	220uF	10V		RV3-10V221MF80-R	K48100002		1-	A	A5
C 1394	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	F5
C 1395	AL.ELECTRO.CAP.	220uF	10V		RV3-10V221MF80-R	K48100002		1-	A	B5
C 1396	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	B5
C 1397	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1398	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	D4
C 1399	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F6
C 1400	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	C5
C 1401	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	A4
C 1402	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	D6
C 1403	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	F3
C 1404	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D5
C 1405	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174817		1-	A	C5
C 1406	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471MG3#	K40129066		1-	A	A5
C 1407	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F3
C 1408	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 1409	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 1410	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1411	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F5
C 1412	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G6
C 1413	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D4
C 1414	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E6
C 1415	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	D4
C 1416	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 1417	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D1
C 1418	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1419	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D4
C 1420	AL.ELECTRO.CAP.	220uF	16V		MVA16VC220MF80	K48120021		1-	A	A5
C 1421	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E5
C 1422	CHIP CAP.	0.0015uF	50V	B	GRM188B11H152KA01D	K22174827		1-	A	D5
C 1423	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	C4
C 1424	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	E4
C 1425	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1426	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1428	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	F4
C 1429	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E6
C 1430	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	F4
C 1431	CHIP CAP.	24pF	50V	CH	GRM1882C1H240JZ01D	K22174220		1-	A	D1
C 1432	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1433	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D5
C 1434	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F5
C 1435	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B5
C 1436	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E6
C 1438	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D1
C 1439	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D4
C 1440	CHIP TA.CAP.	1uF	16V		TEMSVA21C105M-8R	K78120024		1-	A	D5
C 1441	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	F4
C 1442	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F4
C 1443	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D6

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1444	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D4
C 1445	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	C5
C 1446	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C4
C 1447	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 1448	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A6
C 1449	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A6
C 1450	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D5
C 1451	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	F4
C 1452	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	A5
C 1453	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F4
C 1454	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A6
C 1455	CHIP TA.CAP.	0.47uF	25V		TESVA1E474M1-8R	K78140009		1-	A	E4
C 1456	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	F5
C 1457	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C4
C 1458	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	C5
C 1459	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	C5
C 1460	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	A5
C 1461	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	F4
C 1462	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	F4
C 1463	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	A5
C 1464	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 1465	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	D4
C 1466	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 1467	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	E3
C 1468	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	E3
C 1469	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	A5
C 1470	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A6
C 1471	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	A5
C 1472	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	F4
C 1473	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E6
C 1474	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 1475	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 1476	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 1477	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	F5
C 1478	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	G5
C 1479	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G5
C 1480	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 1481	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 1482	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B6
C 1483	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A6
C 1484	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	A1
C 1485	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	D2
C 1488	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	D2
C 1489	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	D3
C 1506	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	H1
C 1508	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	H1
C 1510	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	H1
C 1513	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	G2
C 1514	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	G2
C 1516	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	E2
C 1517	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	E2
C 1518	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E2
C 1519	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	E2
C 1520	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	A	E2
C 1521	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	E2
C 1522	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	E2
C 1530	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	D5
C 1531	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 1532	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 1533	CHIP CAP.	0.0068uF	50V	B	GRM188B11H682KA01D	K22174819		1-	A	D4
C 1534	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F5
C 1536	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	F1
C 1543	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	F3
C 1544	CHIP CAP.	43pF	50V	CH	GRM1882C1H430JZ01D	K22174226		1-	A	E4
C 1545	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	F4
C 1546	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1547	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 1548	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	F4
C 1549	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	E4
C 1551	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E4
C 1553	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E4
C 1563	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C4
C 1568	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1	A	E2

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 1568	CHIP CAP.	82pF	50V	CH	GRM1552C1H820JD01D	K22178234		2-5	A	E2
C 1569	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-		
C 1570	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-		
C 1571	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-		
C 1572	CERAMIC CAP.	0.001uF	50V	B	UP050B102K-A-B	K28179001		1-		
C 1572	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		6-		
C 1573	AL.ELECTRO.CAP.	100uF	16V		RC2-16V101MF1#-T58	K46120007		1-		
C 1573	CHIP TA.CAP.	100uF	10V		TEMSVD1A107M12R	K78100031		6-		
C 1574	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		6-		
C 1576	CHIP TA.CAP.	0.47uF	25V		TESVA1E474M1-8R	K78140009		6-		
C 1577	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		6-		
C 1578	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		3-		
C 1579	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		3-		
CF1001	CERAMIC FILTER				CFWLB450KE1Y-B0	H3900568		1-	A	F5
CF1002	CERAMIC FILTER				CFWLB450KE1Y-B0	H3900568		1-	A	E5
D 1001	DIODE				BAS316	G2070716		1-	A	C6
D 1002	DIODE				BAS316	G2070716		1-	A	B6
D 1003	DIODE				BAS316	G2070716		1-	A	I6
D 1004	DIODE				BAS316	G2070716		1-	A	A1
D 1005	DIODE				BAS316	G2070716		1-	A	I6
D 1006	DIODE				BAS316	G2070716		1-	A	A1
D 1007	DIODE				1SR154-400 TE25	G2070684		1-	A	F6
D 1008	DIODE				BAS316	G2070716		1-	A	I6
D 1009	DIODE				BAS316	G2070716		1-	A	I6
D 1010	DIODE				BAS316	G2070716		1-	A	B1
D 1011	DIODE				DAP236U T106	G2070592		1-	A	C1
D 1012	DIODE				DAP236U T106	G2070592		1-	A	C1
D 1013	DIODE				BAS316	G2070716		1-	A	H6
D 1014	DIODE				BAS316	G2070716		1-	A	H6
D 1015	DIODE				BAS316	G2070716		1-	A	H6
D 1016	DIODE				BAS316	G2070716		1-	A	H6
D 1017	DIODE				BAS316	G2070716		1-	A	B5
D 1018	DIODE				DAP236U T106	G2070592		1-	A	D1
D 1019	DIODE				DAP236U T106	G2070592		1-	A	D1
D 1020	DIODE				BAS316	G2070716		1-	A	G2
D 1021	DIODE				BAS316	G2070716		1-	A	G1
D 1022	DIODE				BAS316	G2070716		1-	A	H1
D 1023	DIODE				BAS316	G2070716		1-	A	H1
D 1024	DIODE				BAS316	G2070716		1-	A	F3
D 1025	DIODE				BAS316	G2070716		1-	A	H3
D 1026	DIODE				BAS316	G2070716		1-	A	G2
D 1027	DIODE				HZM7.5NB3-TL-E	G2070786		1-	A	D4
D 1028	DIODE				BAS316	G2070716		1-	A	F4
D 1029	DIODE				BAS316	G2070716		1-	A	F1
D 1030	DIODE				BAS316	G2070716		1-	A	G1
D 1031	DIODE				HSB88WSTR	G2070290		1-	A	D2
D 1032	DIODE				HZM7.5NB3-TL-E	G2070786		1-	A	D4
D 1033	DIODE				IMN10 T108	G2070078		1-	A	G3
D 1034	DIODE				IMN10 T108	G2070078		1-	A	H3
D 1035	DIODE				HSC277TRF-E	G2070584		1-	A	D3
D 1036	DIODE				BAS316	G2070716		1-	A	B5
D 1037	DIODE				1SV271(TPH3.F)	G2070476		1-	A	D3
D 1038	DIODE				HZM7.5NB3-TL-E	G2070786		1-	A	D4
D 1039	DIODE				BAS316	G2070716		1-	A	F1
D 1040	DIODE				BAS316	G2070716		1-	A	B5
D 1041	DIODE				DAN202U T106	G2070162		1-	A	D4
D 1042	DIODE				DAN202U T106	G2070162		1-	A	D4
D 1043	DIODE				BAS316	G2070716		1-	A	B5
D 1044	DIODE				BAS316	G2070716		1-	A	C2
D 1045	DIODE				DAP236U T106	G2070592		1-	A	D3
D 1046	DIODE				BAS316	G2070716		1-	A	E6
D 1047	DIODE				BAS316	G2070716		1-	A	F2
D 1048	DIODE				DAN202U T106	G2070162		1-	A	E6
D 1049	DIODE				BAS316	G2070716		1-	A	E1
D 1051	DIODE				BAS316	G2070716		1-	A	E6
D 1052	DIODE				HSB88WSTR	G2070290		1-	A	D5
D 1053	DIODE				HSM198S-TR	G2070570		1-	A	E2
D 1054	DIODE				1SS372(TE85R.F)	G2070632		1-	A	E6
D 1055	DIODE				DAP236U T106	G2070592		1-	A	D4
D 1056	DIODE				BAS316	G2070716		1-	A	E5
D 1057	DIODE				BAS316	G2070716		1-	A	E5
D 1058	DIODE				BAS316	G2070716		1-	A	C5
D 1059	DIODE				BAS316	G2070716		1-	A	C5

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
D 1060	DIODE				BAS316	G2070716		1-	A	C5
D 1061	DIODE				BAS316	G2070716		1-	A	C5
D 1062	DIODE				BAS316	G2070716		1-	A	E3
D 1063	DIODE				BAS316	G2070716		1-	A	E4
D 1064	DIODE				RN731V TE-17	G2070898		1-	A	D1
D 1065	DIODE				RN731V TE-17	G2070898		1-	A	D1
D 1066	DIODE				RN731V TE-17	G2070898		1-	A	D1
D 1067	DIODE				BAS316	G2070716		1-	A	A6
D 1068	DIODE				BAS316	G2070716		1-	A	A6
D 1069	DIODE				BAS316	G2070716		1-	A	E6
D 1070	DIODE				BAS316	G2070716		1-	A	B5
D 1071	DIODE				DAP202U T106	G2070160		1-	A	D6
D 1072	DIODE				BAS316	G2070716		1-	A	A6
D 1073	DIODE				RN142S TE61	G2070994		1-	A	F4
D 1074	DIODE				HSC277TRF-E	G2070584		1-	A	D3
D 1075	DIODE				BAS316	G2070716		1-	A	E6
D 1076	DIODE				BAS316	G2070716		1-	A	H2
D 1077	DIODE				BAS316	G2070716		1-	A	H2
D 1078	DIODE				RB751S-40TE61	G2070850		1-	A	B4
D 1079	DIODE				BAS316	G2070716		1-	A	E3
D 1080	DIODE				BAS316	G2070716		1-	A	E4
D 1081	DIODE				1SS226(TE85R.F)	G2070003		1-		
D 1082	SURGE ABSORBER				TVSF0603	Q9000847		3-		
FB1001	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1002	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	G6
FB1003	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1004	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1005	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1006	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	G6
FB1007	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1008	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1009	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1010	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1011	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	F6
FB1012	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1013	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1014	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	G6
FB1015	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1016	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1017	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A3
FB1018	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A4
FB1019	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A4
FB1020	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A4
FB1021	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	A4
FB1022	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	D6
FB1023	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	C2
FB1024	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	C2
J 1001	CONNECTOR				JPJ2545-01-510	P1090633		1-	A	H7
J 1002	CONNECTOR				JPJ2545-01-510	P1090633		1-	A	H7
J 1003	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	I6
J 1004	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	A1
J 1005	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	A3
J 1006	CONNECTOR				TCS5073-1941577	P1090913		1-	A	G7
J 1007	CONNECTOR				M500630434S-F R41-0599K	P1090925		1-	A	G7
J 1008	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	A4
J 1009	CONNECTOR				IMSA6065B-06-Z075-PT1	P0091455		1-	A	G5
J 1010	TERMINAL				P07	Q5000166		1-	A	F6
J 1011	TERMINAL				P07	Q5000166		1-	A	I6
J 1012	CONNECTOR				IMSA6065B-03-Z075-PT1	P0091454		1-	A	G3
J 1013	CONNECTOR				IMSA6065B-05-Z075-PT1	P0091416		1-	A	F4
J 1014	TERMINAL				P07	Q5000166		1-	A	I3
J 1015	CONNECTOR				SB20-03WS	P0090610		1-	A	D4
J 1016	CONNECTOR				IMSA-6065B-06-Z049-PT1	P0091383		1-	A	A2
J 1017	CONNECTOR				IMSA-6065B-05-Z049-PT1	P0091382		1-	A	B3
J 1018	CONNECTOR				IMSA6065B-10-Z075-PT1	P0091456		1-	A	G3
J 1019	TERMINAL				P07	Q5000166		1-	A	I3
J 1020	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	C3
J 1021	CONNECTOR				IMSA6065B-05-Z075-PT1	P0091416		1-	A	G1
J 1022	TERMINAL				P07	Q5000166		1-	A	F1
J 1023	CONNECTOR				SB20-05WS	P0090612		1-	A	D5
J 1024	CONNECTOR				SB20-05WS	P0090612		1-	A	C3
J 1025	CONNECTOR				SB20-08WS	P0090615		1-	A	C2
J 1026	CONNECTOR				SB20-03WS	P0090610		1-	A	C5

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
J 1027	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	E2
J 1028	CONNECTOR				YKB21-5144	P1091234		1-	A	B7
J 1029	CONNECTOR				SB20-04WS	P0090611		1-	A	C6
J 1030	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	E4
J 1031	CONNECTOR				TCS4650-0141577	P1090635		1-	A	F7
J 1032	CONNECTOR				TCS4640-01-4151	P1090634		1-	A	E7
J 1033	CONNECTOR				SB20-04WS	P0090611		1-	A	D5
J 1034	CONNECTOR				SB20-04WS	P0090611		1-	A	C5
J 1035	CONNECTOR				SB20-02WS	P0090609		1-	A	A6
J 1036	CONNECTOR				SB20-05WS	P0090612		1-	A	B4
J 1037	CONNECTOR				SB20-06WS	P0090613		1-	A	A5
J 1038	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	D1
J 1039	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	E4
J 1040	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	D5
J 1041	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	D3
J 1042	CONNECTOR				YKB21-5296N	P1091233		1-	A	A7
J 1043	CONNECTOR				LPR6520-3502F	P1091297		1-	A	C7
J 1044	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	D6
J 1045	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	A1
J 1046	TERMINAL				P07	Q5000166		1-	A	H5
J 1047	TERMINAL				P07	Q5000166		1-	A	F3
J 1048	TERMINAL				P07	Q5000166		1-	A	I1
J 1049	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	H6
J 1050	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	I3
J 1051	CONNECTOR				YKB21-5296N	P1091233		1-	A	A7
JP1001	WIRE ASSY				AH025H 160MM	T9207316		1-	A	D6
JP1003	WIRE ASSY				GRN 20 2/2	T50502000		1		
JP1004	WIRE ASSY				GRN 20 2/2	T50502000		1		
JP1005	WIRE ASSY				GRN 20 2/2	T50502000		1		
JP1006	WIRE ASSY				GRN 230 2/2	T50523000		1		
JP1007	WIRE ASSY				GRN 20 2/2	T50502000		1		
JP1008	WIRE ASSY				GRN 30 2/2	T50503000		1		
JP1009	WIRE ASSY				GRN 30 2/2	T50503000		1		
JP1010	WIRE ASSY				GRN 120 2/2	T50512000		2-5		
L 1001	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	C6
L 1002	CHIP COIL	1mH			LQH43MN102K03L	L1690108		1-	A	I6
L 1003	M.RFC	100uH			LLM3225-101J	L1691145		1-	A	C6
L 1004	M.RFC	100uH			LLM3225-101J	L1691145		1-	A	C6
L 1005	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	A1
L 1006	CHIP COIL	0.12uH		2%	C2520C-R12G	L1691295		1-	A	A1
L 1007	CHIP COIL	0.068uH		2%	C2520C-68NG	L1691292		1-	A	A1
L 1008	M.RFC	100uH			LLM3225-101J	L1691145		1-	A	F6
L 1009	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	B1
L 1010	CHIP COIL	0.27uH		2%	C2520C-R27G	L1691299		1-	A	C1
L 1011	CHIP COIL	0.75uH		2%	C2520C-R75G	L1691306		1-	A	C1
L 1012	CHIP COIL	0.39uH		2%	C2520C-R39G	L1691301		1-	A	C1
L 1013	CHIP COIL	0.33uH		2%	C2520C-R33G	L1691300		1-	A	C1
L 1014	CHIP COIL	1uH		2%	C2520C-1R0G	L1691309		1-	A	C1
L 1015	CHIP COIL	0.56uH		2%	C2520C-R56G	L1691303		1-	A	C1
L 1016	CHIP COIL	0.22uH		2%	C2520C-R22G	L1691298		1-	A	C2
L 1017	CHIP COIL	0.27uH		2%	C2520C-R27G	L1691299		1-	A	C1
L 1018	CHIP COIL	0.75uH		2%	C2520C-R75G	L1691306		1-	A	C1
L 1019	CHIP COIL	0.39uH		2%	C2520C-R39G	L1691301		1-	A	C1
L 1020	CHIP COIL	0.22uH		2%	C2520C-R22G	L1691298		1-	A	C2
L 1021	CHIP COIL	1uH		2%	C2520C-1R0G	L1691309		1-	A	C1
L 1022	M.RFC	15uH			LLM3225-150J	L1691135		1-	A	C1
L 1023	M.RFC	2.7uH			LLM3225-2R7J	L1691126		1-	A	C1
L 1024	CHIP COIL	0.47uH		2%	C2520C-R47G	L1691302		1-	A	C2
L 1025	CHIP COIL	0.27uH		2%	C2520C-R27G	L1691299		1-	A	C1
L 1026	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	C1
L 1027	CHIP COIL	0.68uH		2%	C2520C-R68G	L1691305		1-	A	C1
L 1028	CHIP COIL	0.18uH		2%	C2520C-R18G	L1691297		1-	A	C2
L 1029	CHIP COIL	0.27uH		2%	C2520C-R27G	L1691299		1-	A	C1
L 1030	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	C1
L 1031	CHIP COIL	0.68uH		2%	C2520C-R68G	L1691305		1-	A	C1
L 1032	CHIP COIL	0.18uH		2%	C2520C-R18G	L1691297		1-	A	C2
L 1033	M.RFC	0.18uH			LLM3225-R18J	L1691112		1-	A	G2
L 1034	CHIP COIL	1uH		2%	C2520C-1R0G	L1691309		1-	A	D1
L 1035	M.RFC	15uH			LLM3225-150J	L1691135		1-	A	D1
L 1036	M.RFC	2.7uH			LLM3225-2R7J	L1691126		1-	A	D1
L 1037	CHIP COIL	0.47uH		2%	C2520C-R47G	L1691302		1-	A	C2
L 1038	M.RFC	0.18uH			LLM3225-R18J	L1691112		1-	A	G2
L 1039	M.RFC	0.15uH			LLM3225-R15J	L1691111		1-	A	F1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
L 1040	M.RFC	0.15uH			LLM3225-R15J	L1691111		1-	A	F1
L 1041	M.RFC	0.33uH			LLM3225-R33J	L1691115		1-	A	G2
L 1042	M.RFC	1.5uH			LLM3225-1R5J	L1691123		1-	A	H1
L 1043	M.RFC	0.12uH			LLM3225-R12J	L1691110		1-	A	G2
L 1044	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	G2
L 1045	M.RFC	0.39uH			LLM3225-R39J	L1691116		1-	A	G1
L 1046	M.RFC	22uH			LLM3225-220J	L1691137		1-	A	H1
L 1047	M.RFC	6.8uH			LLM3225-6R8J	L1691131		1-	A	H1
L 1048	M.RFC	0.47uH			LLM3225-R47J	L1691117		1-	A	G2
L 1049	M.RFC	18uH			LLM3225-180J	L1691136		1-	A	G2
L 1050	M.RFC	0.33uH			LLM3225-R33J	L1691115		1-	A	G1
L 1051	M.RFC	6.8uH			LLM3225-6R8J	L1691131		1-	A	H1
L 1052	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	G2
L 1053	M.RFC	1.5uH			LLM3225-1R5J	L1691123		1-	A	H1
L 1054	M.RFC	0.12uH			LLM3225-R12J	L1691110		1-	A	G2
L 1055	M.RFC	0.33uH			LLM3225-R33J	L1691115		1-	A	G1
L 1056	M.RFC	22uH			LLM3225-220J	L1691137		1-	A	H1
L 1057	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	D3
L 1058	M.RFC	0.33uH			LLM3225-R33J	L1691115		1-	A	G1
L 1059	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	F1
L 1060	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	D3
L 1061	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	F1
L 1062	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	F1
L 1063	CHIP COIL	2.2uH		2%	C2520C-2R2G	L1691313		1-	A	D3
L 1064	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	D6
L 1065	M.RFC	47uH			LLM3225-470J	L1691141		1-	A	E1
L 1066	M.RFC	47uH			LLM3225-470J	L1691141		1-	A	E1
L 1067	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	C2
L 1068	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	D5
L 1069	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	E2
L 1071	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	E2
L 1072	M.RFC	330uH			LLM3225-331J	L1691151		1-	A	F5
L 1073	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	F6
L 1074	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	F6
L 1075	CHIP COIL	4.7uH		2%	C2520C-4R7G	L1691317		1-	A	E1
L 1076	M.RFC	82uH			LLM3225-820J	L1691144		1-	A	D5
L 1077	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	E6
L 1078	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	E6
L 1079	CHIP COIL	0.068uH		2%	C2520C-68NG	L1691292		1-	A	D1
L 1080	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	E6
L 1081	CHIP COIL	0.068uH		2%	C2520C-68NG	L1691292		1-	A	D1
L 1082	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	D6
L 1083	CHIP COIL	2.2uH		2%	C2520C-2R2G	L1691313		1-	A	E3
L 1084	M.RFC	470uH			LLM3225-471J	L1691153		1-	A	E6
L 1085	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	B6
L 1086	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	D2
L 1087	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	D2
L 1088	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	D2
L 1089	M.RFC	100uH			LLM3225-101J	L1691145		1-	A	F5
L 1090	M.RFC	0.68uH			LK1608 R68K-T	L1690416		1-		
L 1091	M.RFC	0.18uH			LK1608 R18K-T	L1690392		3-		
L 1092	M.RFC	0.18uH			LK1608 R18K-T	L1690392		6-		
L 1093	M.RFC	0.18uH			LK1608 R18K-T	L1690392		6-		
P 1001	WIRE ASSY				GRA(L) 170 TMP/TMP	T9318278		1-		
P 1001	WIRE ASSY				GRA(L) 170 TMP/TMP	T9318278A		3-		
P 1002	WIRE ASSY				GRA(M) 270 TMP/TMP	T9318279		1-		
P 1002	WIRE ASSY				GRA(M) 270 TMP/TMP	T9318279A		3-		
Q 1001	POLY SWITCH				MINISMDC0505-02	G9090143		1-	A	B6
Q 1002	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	A1
Q 1003	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	I6
Q 1004	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	B6
Q 1005	IC				NJU3714A(TAPE)	G1094291		1-	A	B4
Q 1006	FET				3SK131-T2B V12	G4801317B		1-	A	B1
Q 1007	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	G6
Q 1008	TRANSISTOR				2SD2403GY-T1	G3424038Y		1-	A	F6
Q 1009	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	G6
Q 1010	TRANSISTOR				2SC2954-T2	G3329547		1-	A	B1
Q 1011	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	I6
Q 1012	IC				NJU3714A(TAPE)	G1094291		1-	A	A2
Q 1013	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D1
Q 1014	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D1
Q 1015	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D1
Q 1016	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D2

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 1017	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	H6
Q 1018	IC				SN74HCT244PWR	G1094091		1-	A	A3
Q 1019	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	H6
Q 1020	IC				M62353AGP	G1094272		1-	A	B3
Q 1021	IC				M62364FP 600D	G1093033		1-	A	B3
Q 1022	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1023	FET				SST310-T1	G4070009		1-	A	D3
Q 1024	FET				SST310-T1	G4070009		1-	A	D3
Q 1025	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D3
Q 1026	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C2
Q 1027	IC				CD74HCT4053PWR	G1094273		1-	A	C3
Q 1028	IC				BB301CAW-TL	G1093186		1-	A	D3
Q 1029	TRANSISTOR				2SC3356-T2B R24	G3333567D		1-	A	E1
Q 1030	TRANSISTOR				2SC3356-T2B R24	G3333567D		1-	A	E1
Q 1031	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1032	IC				NJM2068V-TE1	G1094112		1-	A	D5
Q 1033	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C4
Q 1034	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E6
Q 1035	TRANSISTOR				DTC144EUA T106	G3070041		1-	A	D4
Q 1036	TRANSISTOR				UMD5N TR	G3070343		1-	A	F3
Q 1037	TRANSISTOR				UMD5N TR	G3070343		1-	A	G1
Q 1038	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E5
Q 1039	TRANSISTOR				UMD5N TR	G3070343		1-	A	H1
Q 1040	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E5
Q 1041	TRANSISTOR				UMD5N TR	G3070343		1-	A	G2
Q 1042	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1043	IC				CD74HCT4053PWR	G1094273		1-	A	C4
Q 1044	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E5
Q 1045	TRANSISTOR				UMD5N TR	G3070343		1-	A	F1
Q 1046	IC				SN74LVC2G53DCTR	G1094048		1-	A	C5
Q 1047	TRANSISTOR				UMD5N TR	G3070343		1-	A	H1
Q 1048	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E5
Q 1049	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 1050	TRANSISTOR				DTC144EUA T106	G3070041		1-	A	D4
Q 1051	IC				SN74LVC1G66DCKR	G1094046		1-	A	E5
Q 1052	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1053	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	D3
Q 1054	IC				M62364FP 600D	G1093033		1-	A	B6
Q 1055	TRANSISTOR				UMD5N TR	G3070343		1-	A	E1
Q 1056	IC				HD74LV2G74A(TAPE)	G1093788		1-	A	C5
Q 1057	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E5
Q 1058	IC				SPM5001-TL-E	G1093686		1-	A	E2
Q 1059	IC				CD74HCT4053PWR	G1094273		1-	A	C6
Q 1060	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1061	TRANSISTOR				UMD5N TR	G3070343		1-	A	F2
Q 1062	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E5
Q 1063	IC				HD74LV2G74A(TAPE)	G1093788		1-	A	C5
Q 1064	IC				LM2904PWR	G1094010		1-	A	E1
Q 1065	TRANSISTOR				2SC4154-T11-1E	G3341548E		1	A	F2
Q 1066	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1067	TRANSISTOR				UMD5N TR	G3070343		1-	A	F4
Q 1068	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	F5
Q 1069	IC				CD74HCT4053PWR	G1094273		1-	A	D6
Q 1070	FET				SST310-T1	G4070009		1-	A	E3
Q 1071	TRANSISTOR				UMD5N TR	G3070343		1-	A	G3
Q 1072	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E1
Q 1073	IC				BB301CAW-TL	G1093186		1-	A	F5
Q 1074	IC				NJM2068V-TE1	G1094112		1-	A	B1
Q 1075	IC				NJM2068V-TE1	G1094112		1-	A	D4
Q 1076	IC				NJM2068V-TE1	G1094112		1-	A	D4
Q 1077	IC				NJM2068V-TE1	G1094112		1-	A	D4
Q 1078	IC				NJM2068V-TE1	G1094112		1-	A	C4
Q 1079	IC				LM2904PWR	G1094010		1-	A	C4
Q 1080	IC				LM2902PWR	G1094009		1-	A	C5
Q 1081	IC				NJM2594V-TE1	G1093750		1-	A	E4
Q 1082	IC				NJU3714A(TAPE)	G1094291		1-	A	G5
Q 1083	IC				LM2904PWR	G1094010		1-	A	C5
Q 1084	TRANSISTOR				2SC2954-T2	G3329547		1-	A	D1
Q 1085	IC				BB301CAW-TL	G1093186		1-	A	F5
Q 1086	IC				LA4425A	G1092241		1-	A	A5
Q 1087	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D5
Q 1088	IC				LM4881MX	G1093712		1-	A	B5
Q 1089	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F6

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 1090	IC				NJM2737V(TAPE)	G1094292		1-	A	B5
Q 1091	IC				SN74LVC2G66DCTR	G1094049		1-	A	B5
Q 1092	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	A6
Q 1093	FET				SST310-T1	G4070009		1-	A	F5
Q 1094	FET				SST310-T1	G4070009		1-	A	F5
Q 1095	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	A6
Q 1096	IC				NJM2737V(TAPE)	G1094292		1-	A	C4
Q 1097	IC				NJU3714A(TAPE)	G1094291		1-	A	G5
Q 1098	IC				NJM2594V-TE1	G1093750		1-	A	D4
Q 1099	IC				LM2902PWR	G1094009		1-	A	B5
Q 1100	IC				CD74HCT4053PWR	G1094273		1-	A	C4
Q 1101	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	F5
Q 1102	IC				NJM2737V(TAPE)	G1094292		1-	A	C3
Q 1103	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	E4
Q 1104	TRANSISTOR				UMD5N TR	G3070343		1-	A	A6
Q 1105	IC				BB301CAW-TL	G1093186		1-	A	E4
Q 1106	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D4
Q 1107	FET				SST310-T1	G4070009		1-	A	E3
Q 1108	IC				LM2904PWR	G1094010		1-	A	G6
Q 1109	IC				LM2904PWR	G1094010		1-	A	B4
Q 1110	IC				LM2904PWR	G1094010		1-	A	A5
Q 1111	IC				TC74HC04AF(EL.F)	G1093499		1-	A	B3
Q 1112	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	H2
Q 1113	IC				LM2904PWR	G1094010		1-	A	F5
Q 1114	TRANSISTOR				UMD5N TR	G3070343		1-	A	E4
Q 1115	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	A5
R 1001	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C6
R 1002	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G6
R 1003	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	I6
R 1004	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C6
R 1005	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	I6
R 1006	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	I6
R 1007	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A1
R 1008	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A1
R 1009	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G6
R 1010	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B6
R 1011	CHIP RES.	27	1/16W	5%	RMC1/16 270JATP	J24185270		1-	A	A1
R 1012	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	A	A1
R 1013	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2-	A	G6
R 1014	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2-	A	G6
R 1015	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H6
R 1016	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2-	A	G6
R 1017	CHIP RES.	27	1/16W	5%	RMC1/16 270JATP	J24185270		1-	A	A1
R 1018	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B1
R 1019	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F6
R 1020	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 1021	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A1
R 1022	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	I6
R 1023	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B1
R 1024	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	B1
R 1025	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G6
R 1026	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	I6
R 1027	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	I6
R 1028	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B1
R 1030	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F6
R 1031	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G6
R 1032	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	B1
R 1033	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B1
R 1034	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B1
R 1035	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 1036	CHIP RES.	8.2	1/16W	5%	RMC1/16 8R2JATP	J24185829		1-	A	B1
R 1037	CHIP RES.	47	1/2W	5%	RMC1/2 470JCTP	J24275470		1-	A	B1
R 1038	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 1039	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 1040	CARBON FILM RES.	1k	1/6W	5%	RD16PJ102 1K	J01225102		1	A	H6
R 1040	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	H6
R 1041	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B4
R 1042	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F6
R 1043	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F6
R 1044	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 1045	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	B1
R 1046	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	B1
R 1047	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1048	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C1
R 1049	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H6
R 1050	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	B1
R 1051	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 1052	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G6
R 1053	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1054	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1055	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G6
R 1056	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 1057	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1058	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D2
R 1059	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G6
R 1060	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 1061	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D1
R 1062	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D1
R 1063	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 1064	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1065	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B4
R 1066	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H6
R 1067	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 1068	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H6
R 1069	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D1
R 1070	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D2
R 1071	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 1072	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 1073	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A3
R 1074	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A3
R 1075	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B4
R 1076	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 1077	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 1078	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1079	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A3
R 1080	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 1081	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A4
R 1082	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 1083	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A3
R 1084	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A4
R 1085	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	A	B4
R 1086	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C4
R 1088	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B3
R 1089	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	F4
R 1090	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 1091	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G1
R 1092	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H1
R 1093	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H1
R 1094	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F3
R 1095	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H3
R 1096	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 1097	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 1098	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	F4
R 1099	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 1100	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 1101	CHIP RES.	27	1/16W	5%	RMC1/16 270JATP	J24185270		1-	A	H1
R 1102	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F1
R 1103	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G1
R 1104	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 1105	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	H1
R 1106	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1107	CHIP RES.	27	1/16W	5%	RMC1/16 270JATP	J24185270		1-	A	H1
R 1108	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1109	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D4
R 1110	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F4
R 1111	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F4
R 1112	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D4
R 1113	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D2
R 1114	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	D2
R 1115	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D2
R 1116	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C3
R 1117	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C3
R 1118	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D4
R 1119	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C3
R 1120	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D4
R 1121	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1122	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B3
R 1123	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D4
R 1124	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B3
R 1125	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D4
R 1126	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 1127	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	D3
R 1128	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B3
R 1129	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1130	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D4
R 1131	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B4
R 1132	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B3
R 1133	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	D4
R 1134	CHIP RES.	270k	1/16W	5%	RMC1/16 274JATP	J24185274		1-	A	D4
R 1135	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B4
R 1136	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B3
R 1137	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 1138	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D3
R 1139	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	C3
R 1140	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 1141	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B5
R 1142	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D4
R 1143	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C3
R 1144	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1145	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 1146	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D4
R 1147	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	D4
R 1148	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 1149	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C3
R 1150	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3
R 1151	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D3
R 1152	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1153	CHIP RES.	3.3M	1/16W	5%	RMC1/16 335JATP	J24185335		1-	A	C4
R 1154	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	D4
R 1155	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 1156	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	C3
R 1157	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 1158	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D4
R 1159	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D4
R 1160	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 1161	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B5
R 1162	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B5
R 1163	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F1
R 1164	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	D3
R 1165	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D3
R 1166	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D3
R 1167	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D4
R 1168	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B5
R 1169	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D3
R 1170	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C3
R 1171	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	D4
R 1172	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 1173	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 1174	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D3
R 1175	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D3
R 1176	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B5
R 1177	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C3
R 1178	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	C2
R 1179	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D5
R 1180	CHIP RES.	150	1/10W	5%	RMC1/10T 151J	J24205151		1-	A	E1
R 1181	CHIP RES.	150	1/10W	5%	RMC1/10T 151J	J24205151		1-	A	E1
R 1182	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	B5
R 1183	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 1184	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C2
R 1185	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	D5
R 1186	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D4
R 1187	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 1188	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1189	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B5
R 1190	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	B5
R 1191	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 1192	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 1193	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D6
R 1194	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1195	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	E1
R 1196	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 1197	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	E1
R 1198	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 1199	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 1200	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 1201	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 1202	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 1203	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3
R 1204	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 1205	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 1206	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C4
R 1207	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D5
R 1208	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 1209	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1210	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E1
R 1211	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E1
R 1212	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 1213	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	D3
R 1214	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 1215	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C2
R 1216	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	E1
R 1217	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	E1
R 1218	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E1
R 1219	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	C3
R 1220	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C3
R 1221	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D5
R 1222	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	C4
R 1223	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C5
R 1224	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1225	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 1226	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E1
R 1227	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	E1
R 1228	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	E6
R 1229	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	A	D4
R 1230	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1231	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E5
R 1232	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E5
R 1233	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	B5
R 1234	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B5
R 1235	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B2
R 1236	CHIP RES.	180	1/16W	5%	RMC1/16 181JATP	J24185181		1-	A	D3
R 1237	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C3
R 1238	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	C4
R 1239	CHIP RES.	100k	1/16W	1%	RMC1/16 104FTP	J24183104		1-	A	C4
R 1240	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	B4
R 1241	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E5
R 1242	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	A	D5
R 1243	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	D3
R 1244	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 1245	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 1246	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	A	B5
R 1247	CHIP RES.	100k	1/16W	1%	RMC1/16 104FTP	J24183104		1-	A	C4
R 1248	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	A	D5
R 1249	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	A	D3
R 1250	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D3
R 1251	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C4
R 1252	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C4
R 1253	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B3
R 1254	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-5	A	C5
R 1255	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	A	B5
R 1256	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	B4
R 1257	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C4
R 1258	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	E2
R 1259	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 1262	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C4
R 1263	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E1
R 1264	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E5
R 1265	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E3
R 1266	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E5
R 1267	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C4
R 1268	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1269	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1270	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E2
R 1271	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	E5
R 1272	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E2
R 1273	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E5
R 1274	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C5
R 1275	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B6
R 1275	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		6-	A	B6
R 1276	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B6
R 1276	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		6-	A	B6
R 1277	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D3
R 1278	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C6
R 1279	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E6
R 1280	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	D4
R 1281	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B6
R 1282	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	E5
R 1283	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B6
R 1284	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D3
R 1285	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C4
R 1286	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B6
R 1287	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	E6
R 1288	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1289	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B6
R 1290	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	A	E2
R 1290	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		2-	A	E2
R 1291	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	A	E2
R 1291	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		2-	A	E2
R 1292	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	E5
R 1293	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E5
R 1294	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C5
R 1295	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 1296	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 1297	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1298	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1299	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	D4
R 1300	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C5
R 1301	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B6
R 1302	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 1303	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	F2
R 1304	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E1
R 1305	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1306	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E5
R 1307	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E6
R 1308	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E5
R 1309	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	E4
R 1310	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 1311	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E5
R 1312	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	B6
R 1313	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	B6
R 1314	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1315	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1316	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F6
R 1317	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C6
R 1318	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1	A	E3
R 1318	CHIP RES.	4.7	1/16W	5%	RMC1/16 4R7JATP	J24185479		2-	A	E3
R 1320	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E5
R 1322	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A5
R 1323	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C5
R 1324	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-5	A	F2
R 1325	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-5	A	F2
R 1326	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E5
R 1327	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B6
R 1328	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1329	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	B5
R 1330	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1331	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	B5
R 1332	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B5
R 1333	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F5
R 1334	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C6
R 1335	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1337	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 1338	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A5
R 1339	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	E6
R 1340	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E5

MAIN Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1341	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E3
R 1342	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E3
R 1343	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	E4
R 1345	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	B5
R 1347	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C5
R 1348	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	D5
R 1349	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C5
R 1350	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C5
R 1351	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F5
R 1352	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E4
R 1353	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D1
R 1355	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E5
R 1356	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	B5
R 1357	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	F5
R 1358	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	D5
R 1359	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	D5
R 1360	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	D5
R 1362	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 1363	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C5
R 1364	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B5
R 1365	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F5
R 1366	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B5
R 1367	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	D5
R 1368	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 1369	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F5
R 1370	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D2
R 1371	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B5
R 1372	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	A5
R 1373	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 1374	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C5
R 1375	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A5
R 1376	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	F5
R 1378	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D5
R 1379	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F6
R 1380	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E4
R 1381	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B5
R 1382	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B5
R 1383	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	D1
R 1384	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D5
R 1385	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C5
R 1386	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B5
R 1387	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B5
R 1388	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F4
R 1389	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C5
R 1390	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D1
R 1391	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E4
R 1392	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F5
R 1393	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B5
R 1394	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F6
R 1395	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D1
R 1396	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	D5
R 1397	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F6
R 1398	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D4
R 1399	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B5
R 1400	CHIP RES.	10	1/4W	5%	RMC1/4 100JATP	J24245100		1-	A	B5
R 1401	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	F5
R 1402	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F6
R 1403	CHIP RES.	1	1W	5%	RMC1 1R0JTE	J24305010		1-	A	A5
R 1404	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	D1
R 1405	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D5
R 1407	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	A	E5
R 1408	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F6
R 1409	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 1410	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E4
R 1411	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D5
R 1412	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	A	E5
R 1413	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	F5
R 1414	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	C4
R 1415	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A6
R 1417	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	C4
R 1418	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E6
R 1419	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	D1
R 1420	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1421	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F5
R 1422	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E4
R 1423	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	F5
R 1424	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	A	F5
R 1425	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	F5
R 1426	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	F5
R 1427	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D4
R 1428	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A5
R 1429	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E6
R 1430	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A6
R 1431	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 1432	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	E4
R 1433	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E4
R 1434	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 1435	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D6
R 1436	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1437	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	E4
R 1438	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	D1
R 1439	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E4
R 1439	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		3-	A	E4
R 1439	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		5-	A	E4
R 1441	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	D1
R 1442	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G6
R 1443	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 1444	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A6
R 1445	CHIP RES.	330	1/10W	5%	RMC1/10T 331J	J24205331		1-	A	B5
R 1446	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	E4
R 1447	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D5
R 1448	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F5
R 1449	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G6
R 1450	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 1451	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D5
R 1452	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	D1
R 1453	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G6
R 1454	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 1455	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D5
R 1456	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C4
R 1457	CHIP RES.	330	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	A6
R 1458	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F4
R 1459	CHIP RES.	330	1/10W	5%	RMC1/10T 331J	J24205331		1-	A	B5
R 1461	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	F5
R 1462	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F5
R 1463	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D3
R 1464	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 1465	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F4
R 1467	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F4
R 1468	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A6
R 1469	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A6
R 1470	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	E3
R 1471	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 1472	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H2
R 1473	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B5
R 1474	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B5
R 1476	CHIP RES.	470	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	D4
R 1477	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1-	A	D4
R 1479	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	F5
R 1480	CHIP RES.	56k	1/16W	1%	RMC1/16 563FTP	J24183563		1-	A	B4
R 1481	CHIP RES.	18k	1/16W	1%	RMC1/16 183FTP	J24183183		1-	A	B4
R 1482	CHIP RES.	56k	1/16W	1%	RMC1/16 563FTP	J24183563		1-	A	B4
R 1484	CHIP RES.	18k	1/16W	1%	RMC1/16 183FTP	J24183183		1-	A	B4
R 1485	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	D1
R 1486	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F4
R 1487	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D4
R 1490	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E2
R 1491	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 1492	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E4
R 1493	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-2	A	E3
R 1494	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E4
R 1495	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	F4
R 1497	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-5	A	E3
R 1498	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-5	A	E3
R 1503	CHIP RES.	100	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	A6
R 1504	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	A5

MAIN Unit

Parts List

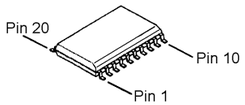
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 1505	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	E4
R 1505	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		3-	A	E4
R 1505	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		5-	A	E4
R 1506	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	E4
R 1506	CHIP RES.	120	1/16W	5%	RMC1/16 121JATP	J24185121		3-	A	E4
R 1506	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		5-	A	E4
R 1507	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	E4
R 1507	CHIP RES.	120	1/16W	5%	RMC1/16 121JATP	J24185121		3-	A	E4
R 1507	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		5-	A	E4
R 1508	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G6
R 1509	CARBON FILM RES.	1k	1/6W	5%	RD16TPJ102 1K	J07225102		1-		
R 1509	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		6-		
R 1510	CHIP RES.	1.2k	1/10W	5%	RMC1/10T 122J	J24205122		1-		
R 1510	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		6-		
R 1511	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		6-		
R 1514	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		6-		
RL1001	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	C6
RL1002	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	I6
RL1003	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A1
RL1004	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	I6
RL1005	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H6
RL1006	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H6
RL1007	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	G2
RL1008	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	G1
RL1009	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H1
RL1010	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H1
RL1011	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	G3
RL1012	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H2
RL1013	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H3
RL1014	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	F1
RL1015	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	G1
RL1016	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	F1
RL1017	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	F1
RL1018	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	E1
RL1019	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	E3
RL1020	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	E4
RL1021	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B5
RL1022	RELAY		DC12V		AG4013 DC12V	M1190090		1-	A	A6
RL1023	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	H3
RL1024	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	E3
RL1024	RELAY		DC12V		G6K-2F-RF-TR03 DC12V	M1190196		6-	A	E3
RL1025	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	E4
T 1001	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	B1
T 1002	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	C1
T 1003	COIL 07WIDE				4-1 2001F FR6	L0021351		1-	A	B1
T 1004	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	D2
T 1005	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	D2
T 1006	COIL 05RF				74.62M 010812302	L0022781		1-	A	D3
T 1007	COIL 05RF				74.62M 010812302	L0022781		1-	A	D3
T 1008	COIL WIDE-TRANS.				3-318707	L0022619		1-	A	E1
T 1009	COIL WIDE-TRANS.				3-318707	L0022619		1-	A	E1
T 1010	COIL 05RF				74.62M 010812302	L0022781		1-	A	D3
T 1011	COIL 05RF				100M 010812300A	L0022779		1-	A	E2
T 1012	BALUN TRANSFOMERS				#617DS-1710	L0190275		1-	A	E2
T 1013	COIL 07WIDE				4-1 2D3 TR6X3	L0020788A		1-	A	D5
T 1014	COIL 05RF				74.62M 010812302	L0022781		1-	A	D3
T 1015	BALUN TRANSFOMERS				#617DS-1710	L0190275		1-	A	D2
T 1016	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	E2
T 1017	COIL 07WIDE				4-1 2D3 TR6X3	L0020788A		1-	A	E5
T 1018	BALUN TRANSFOMERS				#458PT-1586	L0190276		1-	A	E2
T 1019	COIL 05RF	455kHz			455K 030812470	L0022778		1-	A	E5
T 1020	COIL 05RF				100M 010812300A	L0022779		1-	A	D4
T 1021	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	E3
T 1022	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	F5
T 1023	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	E5
T 1025	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	F5
T 1026	BALUN TRANSFOMERS				#458PT-1586	L0190276		1-	A	D2
T 1028	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	D5
T 1029	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	E4
T 1030	COIL 05RF				74.62M 010812302	L0022781		1-	A	F4
T 1031	COIL 05RF				100M 010812300A	L0022779		1-	A	F3
T 1032	COIL 05RF	455kHz			455K 060812596	L0022983		1-	A	F5
T 1033	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	D4

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
T 1034	COIL 05RF				50M 010812304	L0022783		1-	A	E4
T 1035	COIL 05RF				74.62M 010812302	L0022781		1-	A	F4
T 1036	COIL 05RF				100M 010812300A	L0022779		1-	A	F4
T 1037	BALUN TRANSFOMER$				#458PT-1565	L0190273		1-	A	F4
T 1038	COIL 05RF				74.62M 010812302	L0022781		1-	A	F4
T 1039	COIL 05RF				74.62M 010812302	L0022781		1-	A	E3
T 1040	COIL 05RF				74.62M 010812302	L0022781		1-	A	E4
TC1001	TRIMMER CAP.	20pF			TZB4R200AA10R00	K91000217		1-	A	F3
TC1002	TRIMMER CAP.	20pF			TZB4R200AA10R00	K91000217		1-	A	E3
TP1001	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	B1
TP1002	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	A3
TP1003	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	B1
TP1004	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	B4
TP1008	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E4
TP1009	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	C4
TP1010	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	C4
TP1011	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	C3
TP1012	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	C4
TP1013	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E3
TP1014	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E2
TP1015	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	C5
TP1016	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	D5
TP1017	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E4
TP1018	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	D5
TP1019	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E5
TP1020	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	F5
TP1021	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E5
TP1022	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	D5
XF1001	XTAL FILTER				MFT69Q2 69.450MHZ	H1102404		1-	A	D4
XF1002	XTAL FILTER				MFT69L2 69.450MHZ	H1102402		1-	A	E3
XF1003	XTAL FILTER				MFT69Q2 69.450MHZ	H1102404		1-	A	F3
XF1004	XTAL FILTER				MFT69G2 69.450MHZ	H1102407		1-	A	E3
	SHIELD CASE				(21X25)	RA0830300		1-		
	SHIELD CASE COVER				(21X25)	RA0830400		1-		
	SHIELD CASE				(20X51)	RA0830700		1-		
	SHIELD CASE COVER				(20X51)	RA0830800		1-		
	SHIELD CASE					RA0659300		1-		
	SHIELD CASE					RA0766800		2-5		

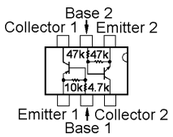
VRF-UNIT BR014800A (2000-2399)

VRF Unit

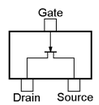
Parts Layout



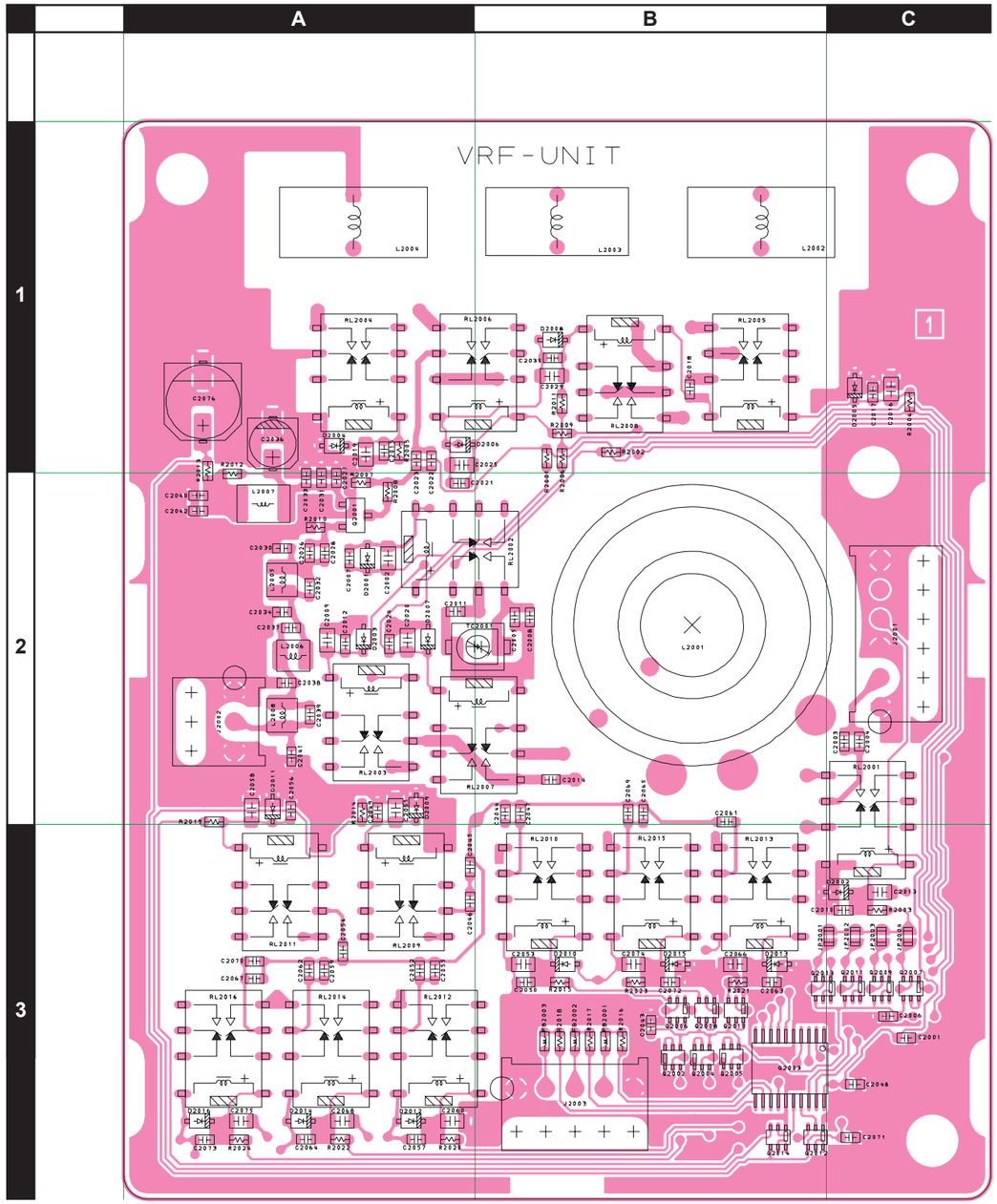
NJU3714A
(Q2003)



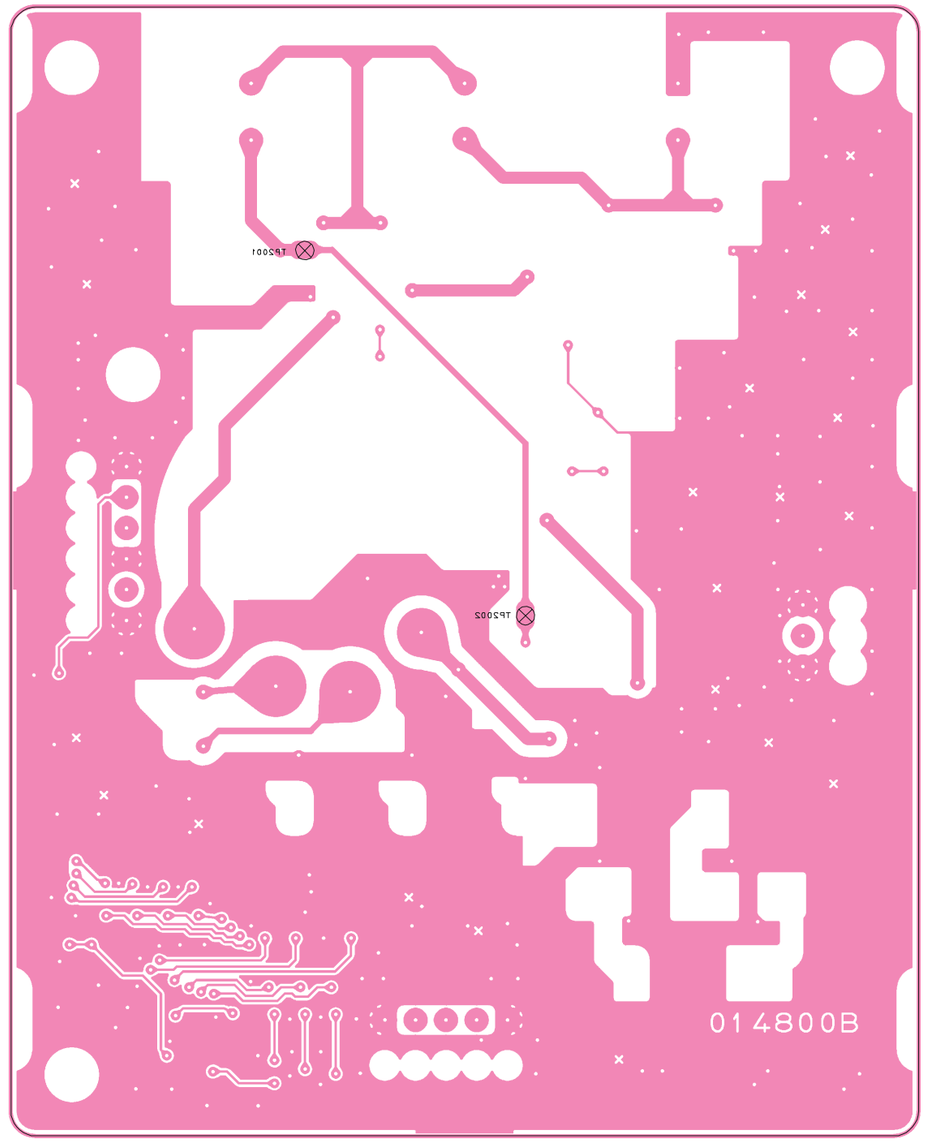
UMD5N
(Q2002, 2004, 2005,
2006, 2007, 2008,
2009, 2010, 2011,
2012, 2013, 2014)



SST310 (Z0)
(Q2001)



Side A



Side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3549001				
	Printed Circuit Board				AH025H000	FR0148000		1-		
C 2001	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 2002	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A2
C 2003	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 2004	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2005	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B2
C 2005	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		6-	A	B2
C 2006	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 2007	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2008	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	B2
C 2009	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A2
C 2010	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 2011	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	A2
C 2011	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		4-	A	A2
C 2011	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		6-	A	A2
C 2012	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2013	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	C3
C 2015	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 2016	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	C1
C 2017	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 2018	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B1
C 2018	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		4-	A	B1
C 2018	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		6-	A	B1
C 2019	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A1
C 2020	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A2
C 2021	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2022	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A1
C 2023	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 2024	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2025	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A1
C 2026	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 2027	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 2028	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2029	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	B1
C 2030	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	A2
C 2031	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2033	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 2034	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A2
C 2035	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 2036	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	A1
C 2038	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A2
C 2040	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 2041	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	A2
C 2042	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 2043	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 2044	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DZ01D	K22174207		1-	A	B2
C 2045	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	A3
C 2046	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	A3
C 2047	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B2
C 2048	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 2049	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2050	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 2051	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A2
C 2052	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	A3
C 2053	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	B3
C 2054	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	A3
C 2055	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	A3
C 2056	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2057	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 2058	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A2
C 2059	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	A3
C 2060	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A3
C 2061	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0DZ01D	K22174208		1-	A	B2
C 2062	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A3
C 2063	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 2064	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 2065	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	B2
C 2066	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	B3
C 2067	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	A3
C 2067	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		4-	A	A3
C 2067	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		6-	A	A3
C 2068	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A3

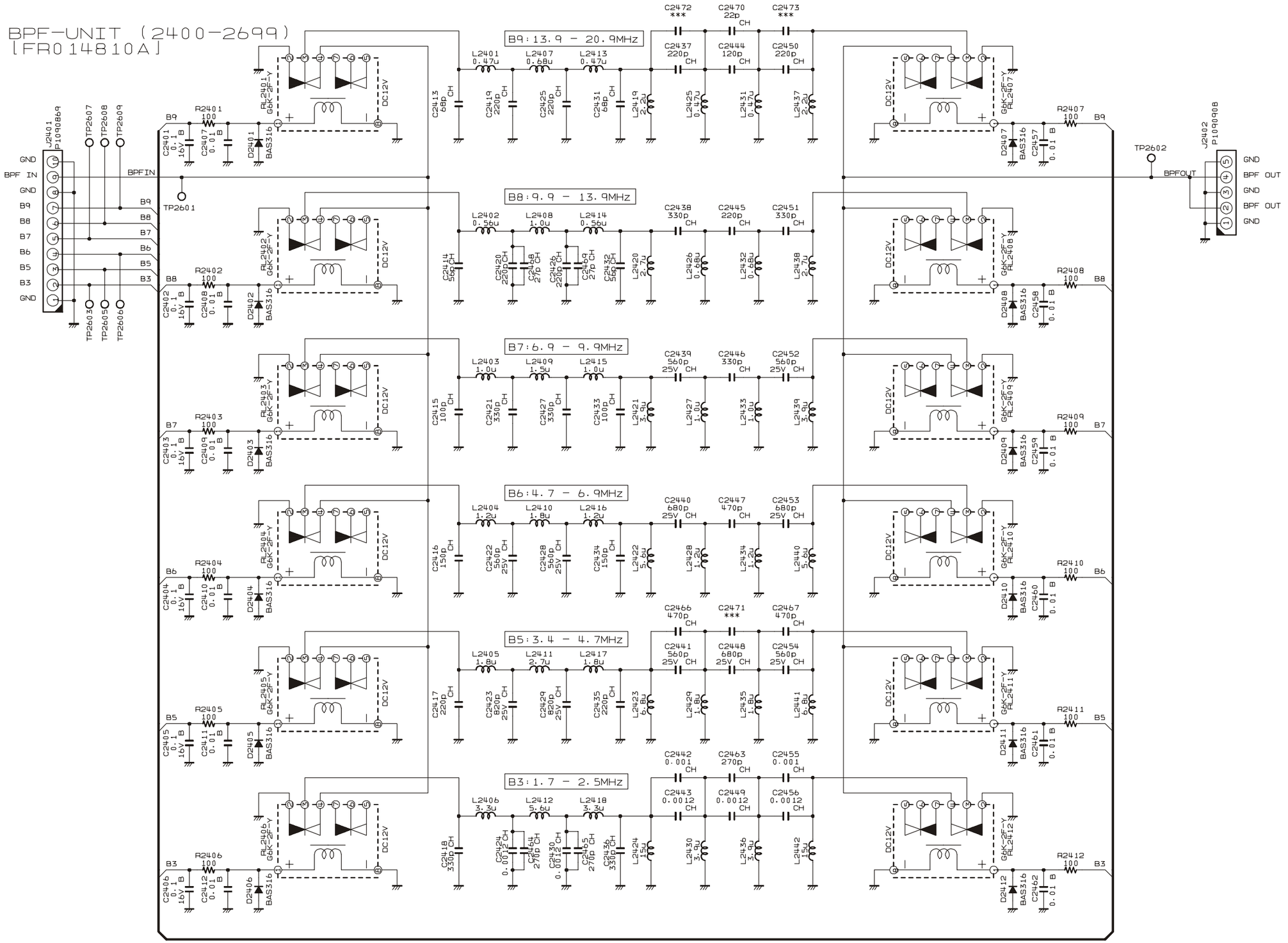
VRF Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 2069	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	B2
C 2070	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	A3
C 2071	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 2072	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 2073	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 2074	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	B3
C 2075	CHIP CAP.	0.047uF	50V	F	GRM40F473Z50PT	K22171008		1-	A	A3
C 2076	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470SP	K48120005		1-	A	A1
D 2001	DIODE				BAS316	G2070716		1-	A	A2
D 2002	DIODE				BAS316	G2070716		1-	A	C3
D 2003	DIODE				BAS316	G2070716		1-	A	A2
D 2004	DIODE				BAS316	G2070716		1-	A	A1
D 2005	DIODE				BAS316	G2070716		1-	A	C1
D 2006	DIODE				BAS316	G2070716		1-	A	A1
D 2007	DIODE				BAS316	G2070716		1-	A	A2
D 2008	DIODE				BAS316	G2070716		1-	A	B1
D 2009	DIODE				BAS316	G2070716		1-	A	A2
D 2010	DIODE				BAS316	G2070716		1-	A	B3
D 2011	DIODE				BAS316	G2070716		1-	A	A2
D 2012	DIODE				BAS316	G2070716		1-	A	A3
D 2013	DIODE				BAS316	G2070716		1-	A	B3
D 2014	DIODE				BAS316	G2070716		1-	A	A3
D 2015	DIODE				BAS316	G2070716		1-	A	B3
D 2016	DIODE				BAS316	G2070716		1-	A	A3
FB2001	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	B3
FB2002	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	B3
FB2003	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	B3
J 2001	CONNECTOR				IMSA-9133S-06D	P1090867		1-	A	C2
J 2002	CONNECTOR				IMSA-9133S-03D	P1090865		1-	A	A2
J 2003	CONNECTOR				IMSA-9133S-05D	P1090908		1-	A	B3
L 2001	TOROIDAL COIL	7.65uH			7.65U T80-2	L0022848A		1-	A	B2
L 2002	TOROIDAL COIL	1uH			1.000U T37-6 AMIDON	L0021571		1-	A	B1
L 2003	TOROIDAL COIL	0.42uH			0.420U T37-6 AMIDON	L0021575B		1-	A	B1
L 2004	TOROIDAL COIL	0.185uH			0.185U T37-10	L0022981		1-	A	A1
L 2005	CHIP COIL	0.18uH		2%	C2520C-R18G	L1691297		1-	A	A2
L 2006	CHIP COIL	0.22uH		2%	C2520C-R22G	L1691298		1-	A	A2
L 2007	CHIP COIL	1mH			LQH43MN102K03L	L1690108		1-	A	A2
L 2008	CHIP COIL	0.18uH		2%	C2520C-R18G	L1691297		1-	A	A2
Q 2001	FET				SST310-T1	G4070009		1-	A	A2
Q 2002	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2003	IC				NJU3714A(TAPE)	G1094291		1-	A	B3
Q 2004	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2005	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2006	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2007	TRANSISTOR				UMD5N TR	G3070343		1-	A	C3
Q 2008	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2009	TRANSISTOR				UMD5N TR	G3070343		1-	A	C3
Q 2010	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2011	TRANSISTOR				UMD5N TR	G3070343		1-	A	C3
Q 2012	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2013	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
Q 2014	TRANSISTOR				UMD5N TR	G3070343		1-	A	B3
R 2001	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2002	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2003	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 2004	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 2005	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A1
R 2006	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2007	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	A2
R 2008	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A2
R 2009	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2010	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A2
R 2011	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2013	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A1
R 2014	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A2
R 2015	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 2016	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 2017	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 2018	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 2019	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A2
R 2020	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A3
R 2021	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 2022	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A3

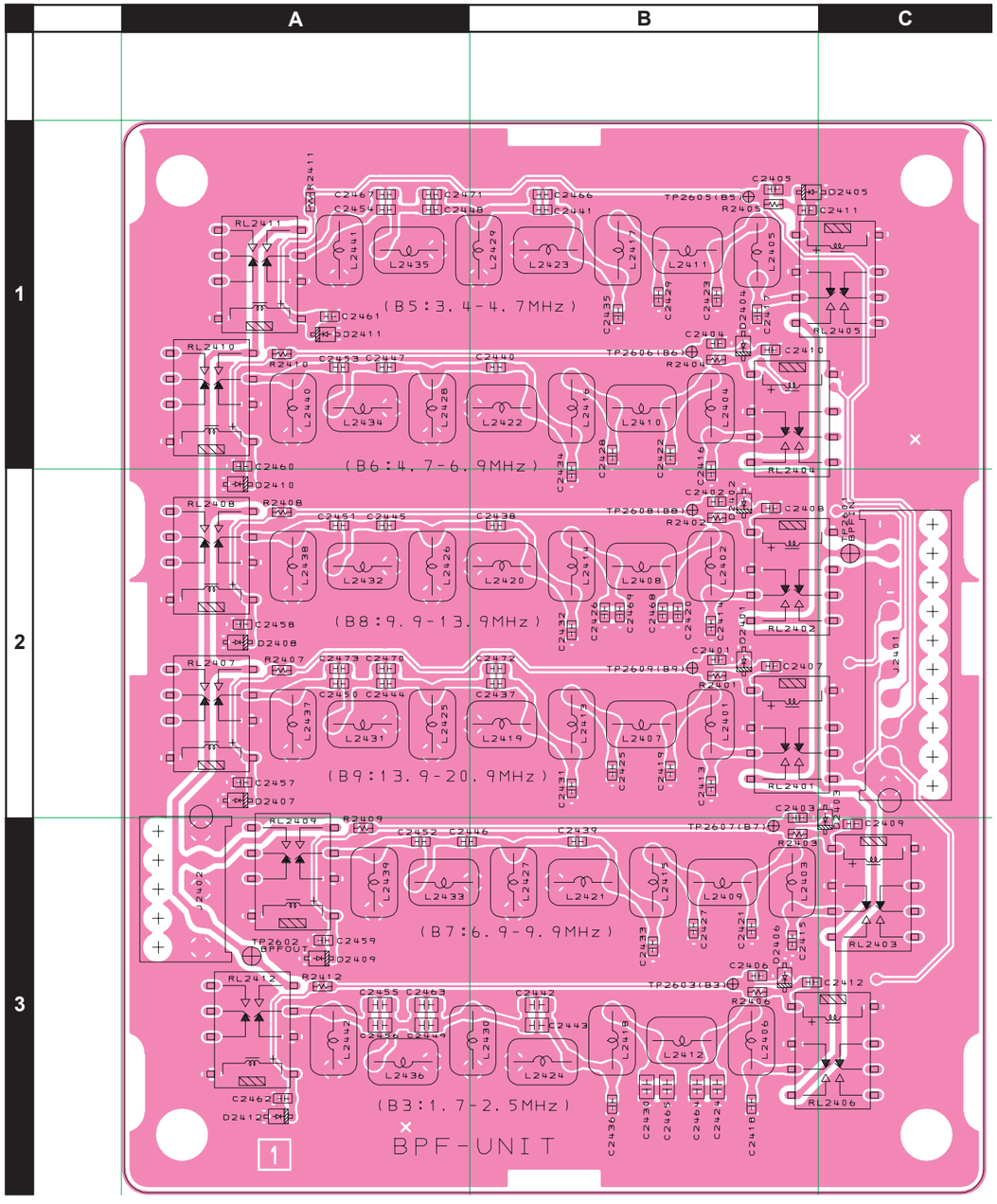
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 2023	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 2024	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A3
RL2001	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	C2
RL2002	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A2
RL2003	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A2
RL2004	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A1
RL2005	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B1
RL2006	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B1
RL2007	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B2
RL2008	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B1
RL2009	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
RL2010	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B3
RL2011	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
RL2012	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
RL2013	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B3
RL2014	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
RL2015	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B3
RL2016	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
	SHIELD CASE COVER				(74X92)	RA0830900		1		
	SHIELD CASE COVER				(74X92)	RA083090A		2-		

Note:

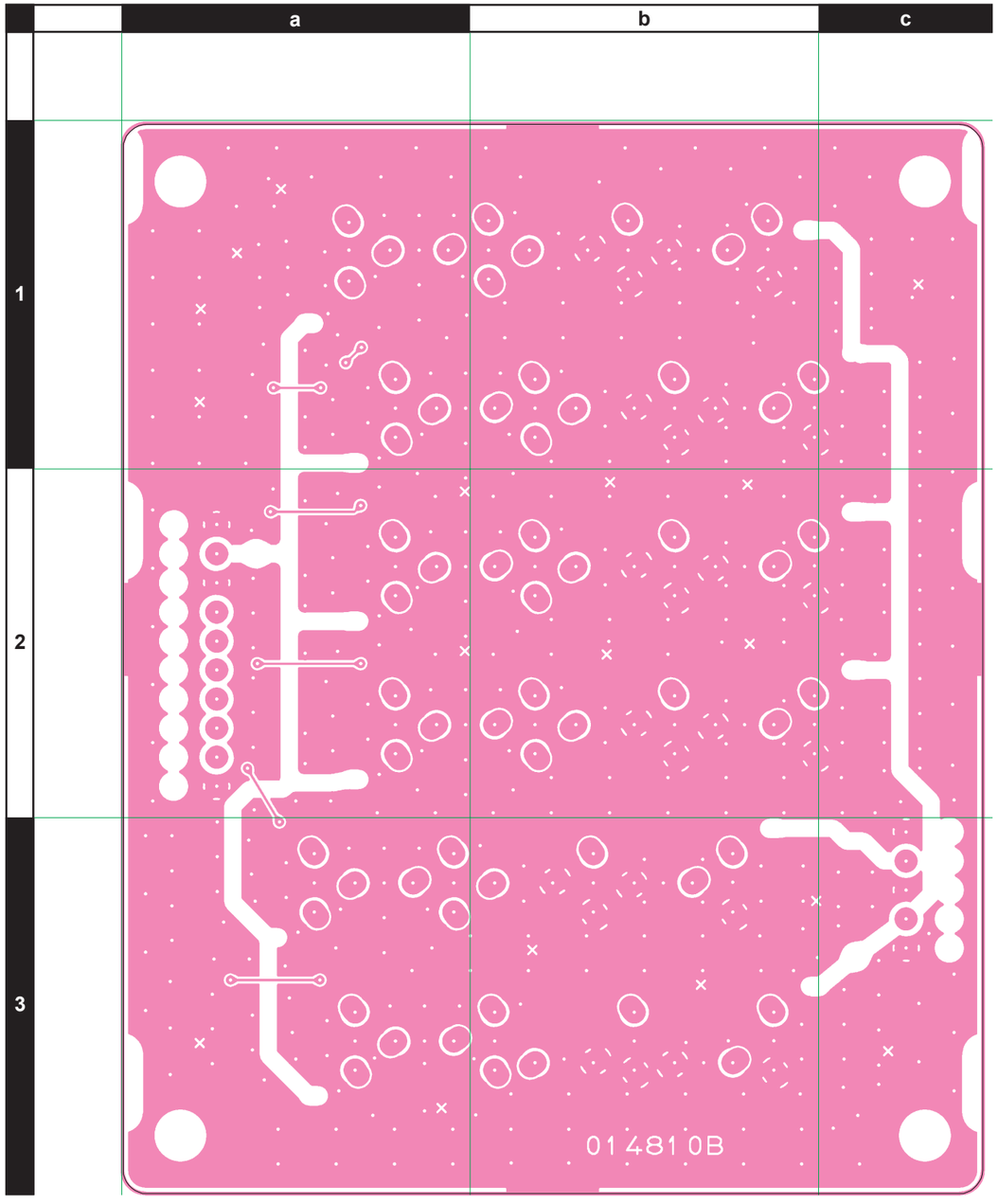

BPF-UNIT (2400-2699)
[FR0148810A]
B9 : 13.9 - 20.9MHz
B8 : 9.9 - 13.9MHz
B7 : 6.9 - 9.9MHz
B6 : 4.7 - 6.9MHz
B5 : 3.4 - 4.7MHz
B3 : 1.7 - 2.5MHz
J2401 P1040869
J2402 P1040908
TP2601
TP2602
TP2603
TP2605
TP2606
TP2607
TP2608
TP2609
BPFIN
BPFOUT
GND
BPF IN
BPF OUT
B9
B8
B7
B6
B5
B3
DC12V
BAS316
GBK-2F-Y

BPF Unit

Parts Layout



Side A



Side B

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3550001				
	Printed Circuit Board				AH025H000	FR0148100		1-		
C 2401	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 2402	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 2403	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 2404	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 2405	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 2406	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 2407	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2408	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2409	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 2410	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 2411	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 2412	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 2413	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	B2
C 2414	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	B2
C 2415	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B3
C 2416	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	B1
C 2417	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B1
C 2418	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	B3
C 2419	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B2
C 2420	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B2
C 2421	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	B3
C 2422	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	B1
C 2423	CHIP CAP.	820pF	25V	CH	GRM1882C1E821JA01D	K22144202		1-	A	B1
C 2424	CHIP CAP.	0.0012uF	50V	CH	GRM40CH122J50PT	K22170290		1-	A	B3
C 2425	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B2
C 2426	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B2
C 2427	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	B3
C 2428	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	B1
C 2429	CHIP CAP.	820pF	25V	CH	GRM1882C1E821JA01D	K22144202		1-	A	B1
C 2430	CHIP CAP.	0.0012uF	50V	CH	GRM40CH122J50PT	K22170290		1-	A	B3
C 2431	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	B2
C 2432	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	B2
C 2433	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B3
C 2434	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	B2
C 2435	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B1
C 2436	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	B3
C 2437	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B2
C 2438	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	B2
C 2439	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	B3
C 2440	CHIP CAP.	680pF	25V	CH	GRM39CH681J25PT	K22144203		1-	A	B1
C 2441	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	B1
C 2442	CHIP CAP.	0.001uF	50V	CH	GRM40CH102J50PT	K22170288		1-	A	B3
C 2443	CHIP CAP.	0.0012uF	50V	CH	GRM40CH122J50PT	K22170290		1-	A	B3
C 2444	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	A2
C 2445	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	A2
C 2446	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	A3
C 2447	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	A1
C 2448	CHIP CAP.	680pF	25V	CH	GRM39CH681J25PT	K22144203		1-	A	A1
C 2449	CHIP CAP.	0.0012uF	50V	CH	GRM40CH122J50PT	K22170290		1-	A	A3
C 2450	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	A2
C 2451	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	A2
C 2452	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	A3
C 2453	CHIP CAP.	680pF	25V	CH	GRM39CH681J25PT	K22144203		1-	A	A1
C 2454	CHIP CAP.	560pF	25V	CH	GRM39CH561J25PT	K22144201		1-	A	A1
C 2455	CHIP CAP.	0.001uF	50V	CH	GRM40CH102J50PT	K22170288		1-	A	A3
C 2456	CHIP CAP.	0.0012uF	50V	CH	GRM40CH122J50PT	K22170290		1-	A	A3
C 2457	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2458	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2459	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 2460	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 2461	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 2462	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 2463	CHIP CAP.	270pF	50V	CH	GRM2162C1H271JA01D	K22170245		1-	A	A3
C 2464	CHIP CAP.	270pF	50V	CH	GRM2162C1H271JA01D	K22170245		1-	A	B3
C 2465	CHIP CAP.	270pF	50V	CH	GRM2162C1H271JA01D	K22170245		1-	A	B3
C 2466	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	B1
C 2467	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	A1
C 2468	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	B2
C 2469	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	B2
C 2470	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	A2
D 2401	DIODE				BAS316	G2070716		1-	A	B2

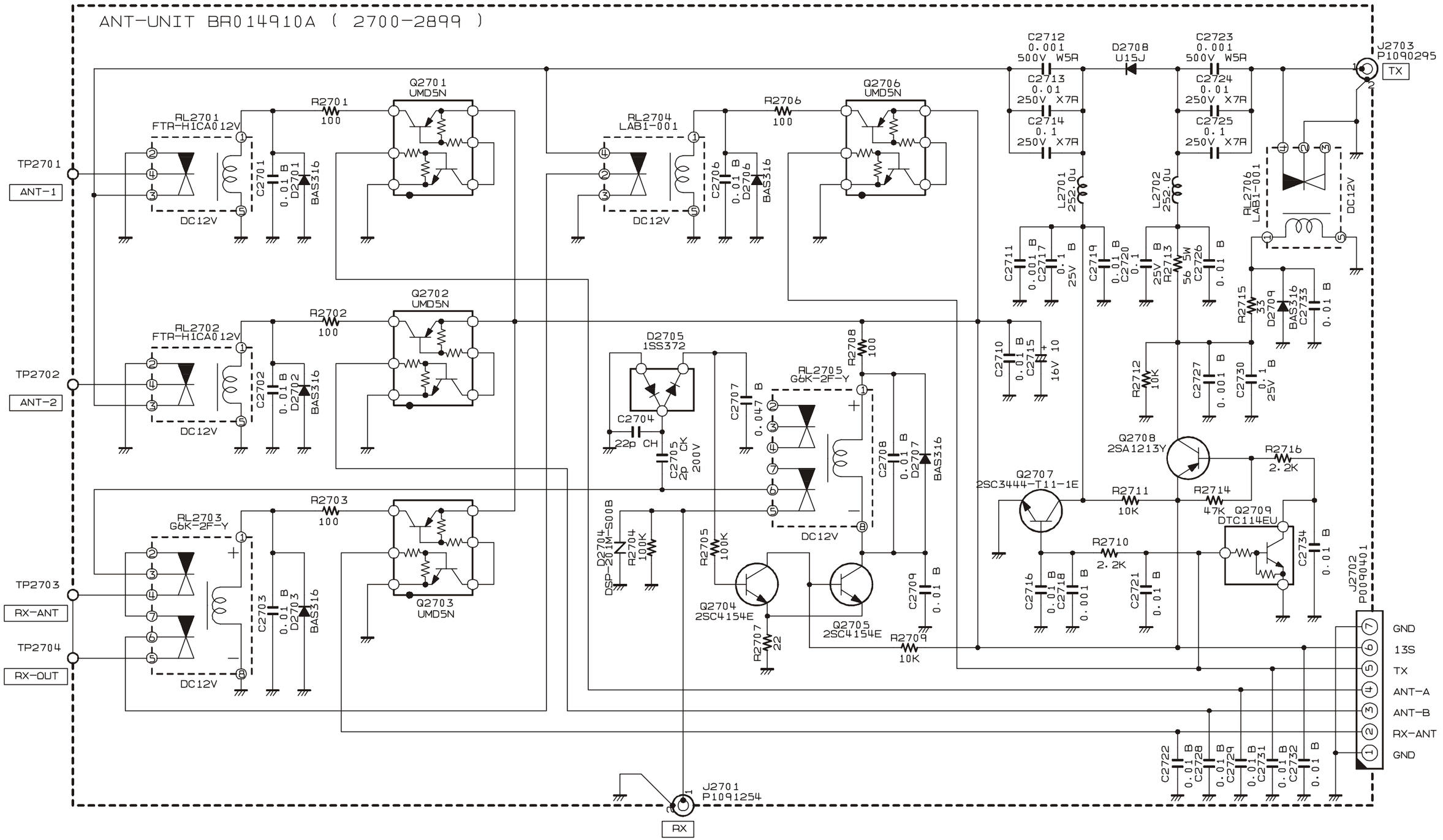
BPF Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
D 2402	DIODE				BAS316	G2070716		1-	A	B2
D 2403	DIODE				BAS316	G2070716		1-	A	C2
D 2404	DIODE				BAS316	G2070716		1-	A	B1
D 2405	DIODE				BAS316	G2070716		1-	A	B1
D 2406	DIODE				BAS316	G2070716		1-	A	B3
D 2407	DIODE				BAS316	G2070716		1-	A	A2
D 2408	DIODE				BAS316	G2070716		1-	A	A2
D 2409	DIODE				BAS316	G2070716		1-	A	A3
D 2410	DIODE				BAS316	G2070716		1-	A	A2
D 2411	DIODE				BAS316	G2070716		1-	A	A1
D 2412	DIODE				BAS316	G2070716		1-	A	A3
J 2401	CONNECTOR				IMSA-9133S-10D	P1090869		1-	A	C2
J 2402	CONNECTOR				IMSA-9133S-05D	P1090908		1-	A	A3
L 2401	M.RFC	0.47uH			LAV35VBR47M	L1790215		1-	A	B2
L 2402	M.RFC	0.56uH			LAV35VBR56M	L1790216		1-	A	B2
L 2403	M.RFC	1uH			LAV35VB1R0K	L1790219		1-	A	B3
L 2404	M.RFC	1.2uH			LAV35VB1R2K	L1790220		1-	A	B1
L 2405	M.RFC	1.8uH			LAV35VB1R8K	L1790222		1-	A	B1
L 2406	M.RFC	3.3uH			LAV35VB3R3K	L1790225		1-	A	B3
L 2407	M.RFC	0.68uH			LAV35VBR68M	L1790217		1-	A	B2
L 2408	M.RFC	1uH			LAV35VB1R0K	L1790219		1-	A	B2
L 2409	M.RFC	1.5uH			LAV35VB1R5K	L1790221		1-	A	B3
L 2410	M.RFC	1.8uH			LAV35VB1R8K	L1790222		1-	A	B1
L 2411	M.RFC	2.7uH			LAV35VB2R7K	L1790224		1-	A	B1
L 2412	M.RFC	5.6uH			LAV35VB5R6K	L1790228		1-	A	B3
L 2413	M.RFC	0.47uH			LAV35VBR47M	L1790215		1-	A	B2
L 2414	M.RFC	0.56uH			LAV35VBR56M	L1790216		1-	A	B2
L 2415	M.RFC	1uH			LAV35VB1R0K	L1790219		1-	A	B3
L 2416	M.RFC	1.2uH			LAV35VB1R2K	L1790220		1-	A	B1
L 2417	M.RFC	1.8uH			LAV35VB1R8K	L1790222		1-	A	B1
L 2418	M.RFC	3.3uH			LAV35VB3R3K	L1790225		1-	A	B3
L 2419	M.RFC	2.2uH			LAV35VB2R2K	L1790223		1-	A	B2
L 2420	M.RFC	2.7uH			LAV35VB2R7K	L1790224		1-	A	B2
L 2421	M.RFC	3.9uH			LAV35VB3R9K	L1790226		1-	A	B3
L 2422	M.RFC	5.6uH			LAV35VB5R6K	L1790228		1-	A	B1
L 2423	M.RFC	6.8uH			LAV35VB6R8K	L1790229		1-	A	B1
L 2424	M.RFC	15uH			LAV35VB150K	L1790233		1-	A	B3
L 2425	M.RFC	0.47uH			LAV35VBR47M	L1790215		1-	A	A2
L 2426	M.RFC	0.68uH			LAV35VBR68M	L1790217		1-	A	A2
L 2427	M.RFC	1uH			LAV35VB1R0K	L1790219		1-	A	B3
L 2428	M.RFC	1.2uH			LAV35VB1R2K	L1790220		1-	A	A1
L 2429	M.RFC	1.8uH			LAV35VB1R8K	L1790222		1-	A	B1
L 2430	M.RFC	3.9uH			LAV35VB3R9K	L1790226		1-	A	B3
L 2431	M.RFC	0.47uH			LAV35VBR47M	L1790215		1-	A	A2
L 2432	M.RFC	0.68uH			LAV35VBR68M	L1790217		1-	A	A2
L 2433	M.RFC	1uH			LAV35VB1R0K	L1790219		1-	A	B3
L 2434	M.RFC	1.2uH			LAV35VB1R2K	L1790220		1-	A	A1
L 2435	M.RFC	1.8uH			LAV35VB1R8K	L1790222		1-	A	A1
L 2436	M.RFC	3.9uH			LAV35VB3R9K	L1790226		1-	A	A3
L 2437	M.RFC	2.2uH			LAV35VB2R2K	L1790223		1-	A	A2
L 2438	M.RFC	2.7uH			LAV35VB2R7K	L1790224		1-	A	A2
L 2439	M.RFC	3.9uH			LAV35VB3R9K	L1790226		1-	A	A3
L 2440	M.RFC	5.6uH			LAV35VB5R6K	L1790228		1-	A	A1
L 2441	M.RFC	6.8uH			LAV35VB6R8K	L1790229		1-	A	A1
L 2442	M.RFC	15uH			LAV35VB150K	L1790233		1-	A	A3
R 2401	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 2402	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 2403	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 2404	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2405	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 2406	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 2407	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A2
R 2408	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A2
R 2409	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A3
R 2410	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A1
R 2411	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A1
R 2412	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A3
RL2401	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B2
RL2402	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B2
RL2403	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	C3
RL2404	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	B1
RL2405	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	C1
RL2406	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	C3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
RL2407	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A2
RL2408	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A2
RL2409	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
RL2410	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A1
RL2411	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A1
RL2412	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	A3
Z 2401	SHIELD CASE COVER				(74X92)	RA0830900		1		
	SHIELD CASE COVER				(74X92)	RA083090A		2-		

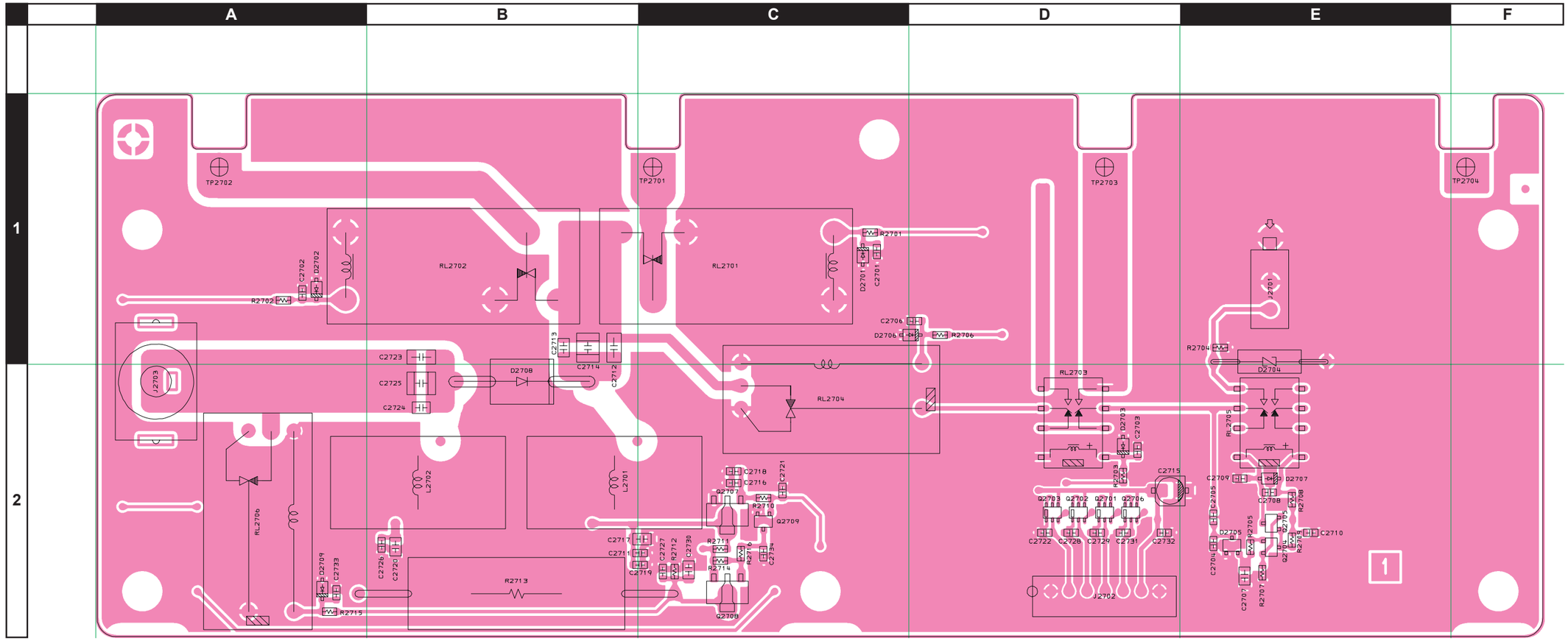
Note:

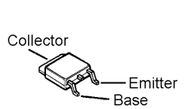

ANT-UNIT BR014910A (2700-2899)
TP2701
ANT-1
TP2702
ANT-2
TP2703
RX-ANT
TP2704
RX-OUT
RL2701 FTR-H1CA012V
RL2702 FTR-H1CA012V
RL2703 G6K-2F-Y
RL2704 LAB1-001
RL2705 G6K-2F-Y
RL2706 LAB1-001
DC12V
R2701 100
R2702 100
R2703 100
R2706 100
R2708 100
R2704 100K
R2705 100K
R2707 22
R2709 10K
R2710 2.2K
R2711 10K
R2712 10K
R2713 56 5W
R2714 47K
R2715 33
R2716 2.2K
C2701 0.01 B
C2702 0.01 B
C2703 0.01 B
C2704 22p CH
C2705 2p CK 200V
C2706 0.01 B
C2707 0.047 B
C2708 0.01 B
C2709 0.01 B
C2710 0.01 B
C2711 0.001 B
C2712 0.001 500V W5R
C2713 0.01 250V X7R
C2714 0.1 250V X7R
C2715 10 16V
C2716 0.01 B
C2717 0.1 25V
C2718 0.001 B
C2719 0.1 B
C2720 0.01 B
C2721 0.01 B
C2722 0.01 B
C2723 0.001 500V W5R
C2724 0.01 250V X7R
C2725 0.1 250V X7R
C2726 0.01 B
C2727 0.001 B
C2728 0.01 B
C2729 0.01 B
C2730 0.1 25V B
C2731 0.01 B
C2732 0.01 B
C2733 0.01 B
C2734 0.01 B
L2701 252.0u
L2702 252.0u
D2701 BAS316
D2702 BAS316
D2703 BAS316
D2705 1SS372
D2706 BAS316
D2707 BAS316
D2708 U15J
D2709 BAS316
D2704 DSP-2C1M-S00B
Q2701 UMD5N
Q2702 UMD5N
Q2703 UMD5N
Q2704 2SC4154E
Q2705 2SC4154E
Q2706 UMD5N
Q2707 2SC3444-T11-1E
Q2708 2SA1213Y
Q2709 DTC114EU
J2701 P1091254
RX
J2703 P1090295
TX
J2702 P0090401
GND
13S
TX
ANT-A
ANT-B
RX-ANT
GND

ANT Unit

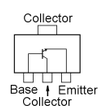
Note

Parts Layout (Side A)





2SA1213Y
(Q2708)



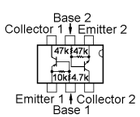
2SC3444 (DE)
(Q2707)



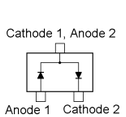
2SC4154 (E)
(Q2704, 2705)



DTC114EUA (24)
(Q2709)



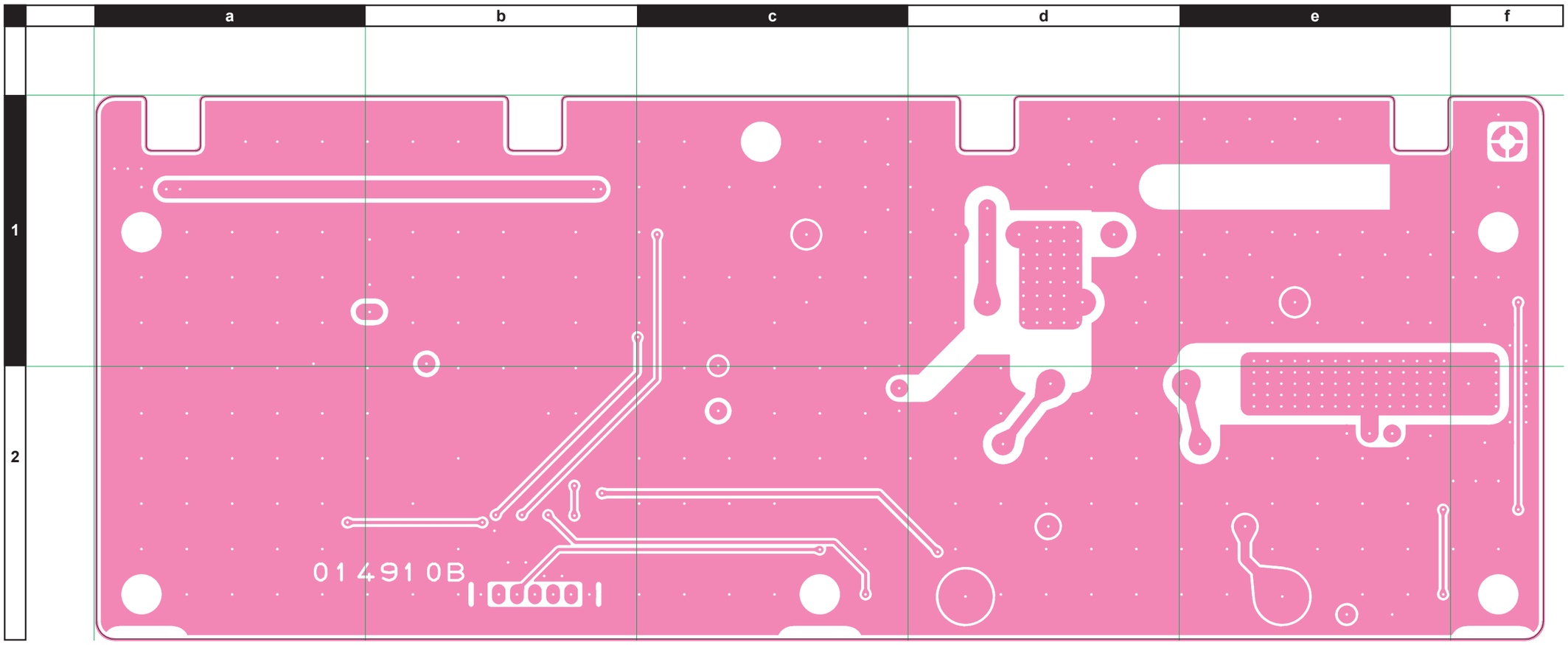
UMD5N
(Q2701, 2702,
2703, 2706)



1SS372 (N9)
(D2705)

ANT Unit

Parts Layout (Side B)



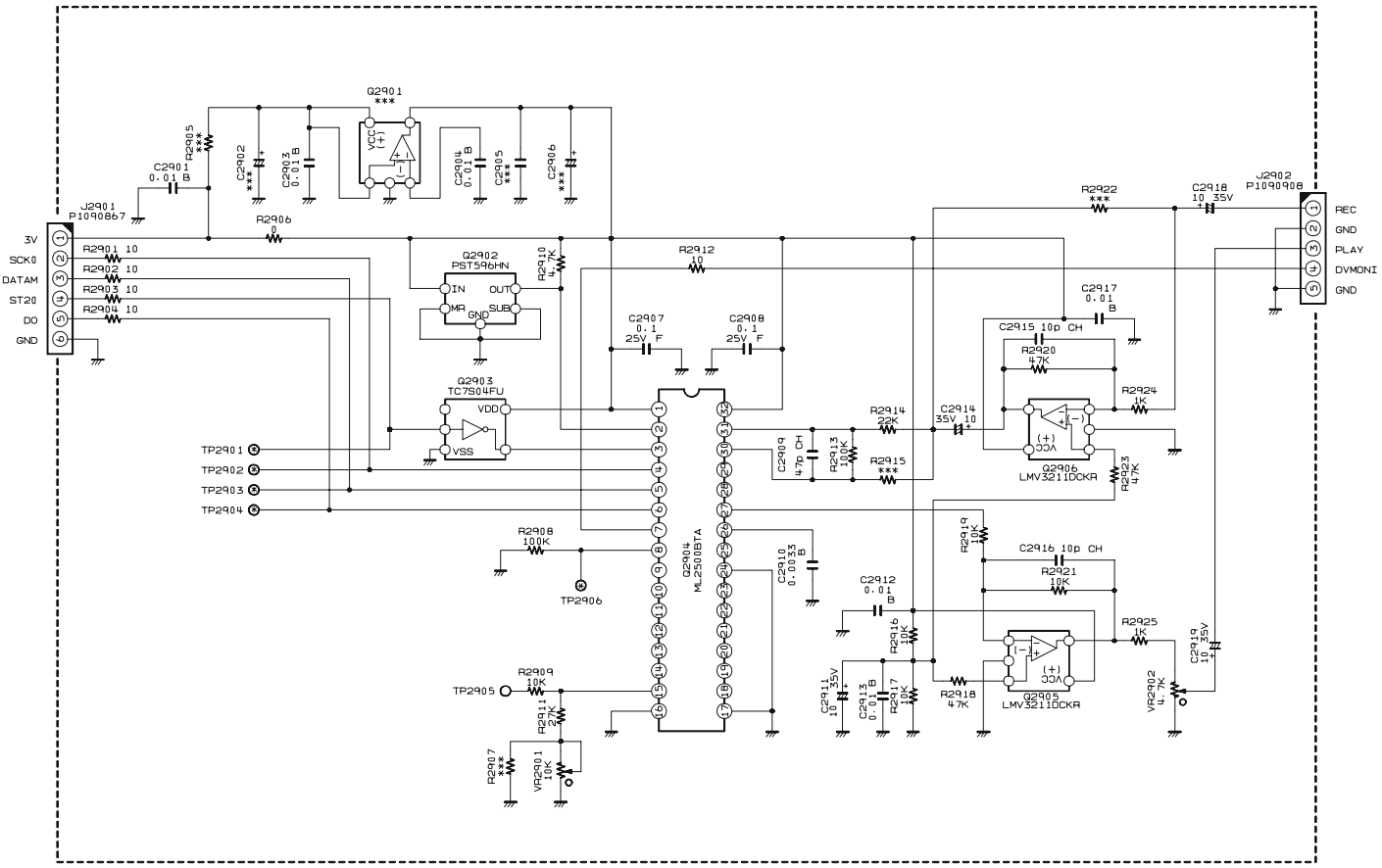
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3569001				
	Printed Circuit Board				AH025H000	FR014910B		1-		
C 2702	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 2703	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 2704	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E2
C 2705	CHIP CAP.	2pF	200V	CK	GRM1884C2D2R0CV01D	K22234204		1-	A	E2
C 2706	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 2707	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	E2
C 2708	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 2709	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 2710	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 2711	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2712	CHIP CAP.	0.001uF	500V	W5R	CF316W5R102K500AT	K22271802		1-	A	B1
C 2713	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B1
C 2714	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	B1
C 2715	AL.ELECTRO.CAP.	10uF	16V		RV2-16V100MB55U-R	K48120014		1-	A	D2
C 2716	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2717	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	C2
C 2718	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2719	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2720	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	B2
C 2721	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 2722	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 2723	CHIP CAP.	0.001uF	500V	W5R	CF316W5R102K500AT	K22271802		1-	A	B1
C 2724	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B2
C 2725	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	B2
C 2726	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 2727	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 2728	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 2729	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 2730	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	C2
C 2731	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 2732	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 2733	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 2734	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
D 2701	DIODE				BAS316	G2070716		1-	A	C1
D 2702	DIODE				BAS316	G2070716		1-	A	A1
D 2703	DIODE				BAS316	G2070716		1-	A	D2
D 2704	SURGE ABSORBER				DSP201M-S00B	Q9000375		1-	A	E1
D 2705	DIODE				1SS372(TE85R.F)	G2070632		1-	A	E2
D 2706	DIODE				BAS316	G2070716		1-	A	D1
D 2707	DIODE				BAS316	G2070716		1-	A	E2
D 2708	DIODE				U15J	G2090572		1-	A	B2
D 2709	DIODE				BAS316	G2070716		1-	A	A2
J 2701	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	E1
J 2702	CONNECTOR				B7B-PH-K-S	P0090401		1-	A	D2
J 2703	CONNECTOR				S-Q3063#01	P1090295		1-	A	A2
L 2701	TOROIDAL COIL	252uH			252.0U D12A TR16	L0022881A		1-	A	B2
L 2702	TOROIDAL COIL	252uH			252.0U D12A TR16	L0022881A		1-	A	B2
Q 2701	TRANSISTOR				UMD5N TR	G3070343		1-	A	D2
Q 2702	TRANSISTOR				UMD5N TR	G3070343		1-	A	D2
Q 2703	TRANSISTOR				UMD5N TR	G3070343		1-	A	D2
Q 2704	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E2
Q 2705	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E2
Q 2706	TRANSISTOR				UMD5N TR	G3070343		1-	A	D2
Q 2707	TRANSISTOR				2SC3444-T11-1E	G3334448E		1-	A	C2
Q 2708	TRANSISTOR				2SA1213Y(TE12R.CF)	G3112137Y		1-	A	C2
Q 2709	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	C2
R 2701	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 2702	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A1
R 2703	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 2704	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E1
R 2705	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E2
R 2706	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 2707	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	E2
R 2708	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E2
R 2709	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E2
R 2710	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C2
R 2711	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 2712	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 2713	METAL FILM RES.	56	5W	5%	ERG-5SJ560	J22379015		1-	A	C2
R 2714	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 2715	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	A2

ANT Unit

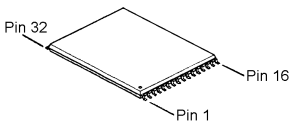
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 2716	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C2
RL2701	RELAY		DC12V		FTR-H1CA012V DC12V	M1190148		1-	A	C1
RL2702	RELAY		DC12V		FTR-H1CA012V DC12V	M1190148		1-	A	B1
RL2703	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	D2
RL2704	RELAY		DC12V		LAB1-001 DC12V	M1190194		1-	A	D1
RL2705	RELAY		DC12V		G6K-2F-Y-TR DC12V	M1190183		1-	A	E2
RL2706	RELAY		DC12V		LAB1-001 DC12V	M1190194		1-7	A	A2

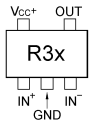
Circuit Diagram



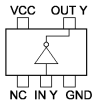
Parts Layout



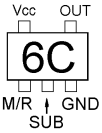
ML2500BTA
(Q2904)



LMV321IDCKR
(Q2905, 2906)

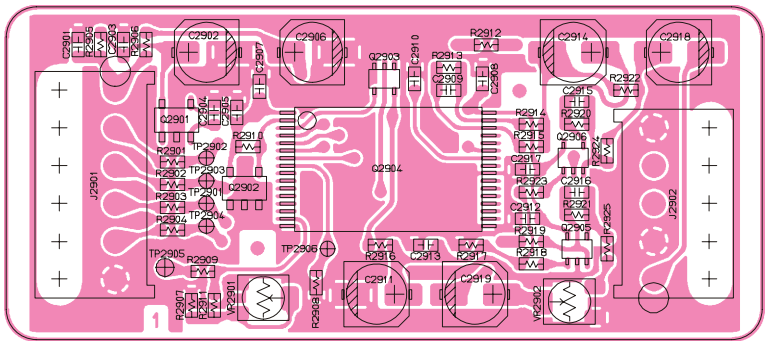


TC7S04FU (E5)
(Q2902)

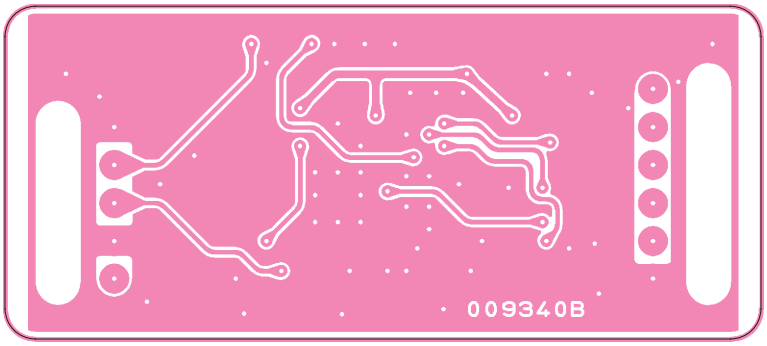


PST596HNR (6C)
(Q2902)

Side A



Side B



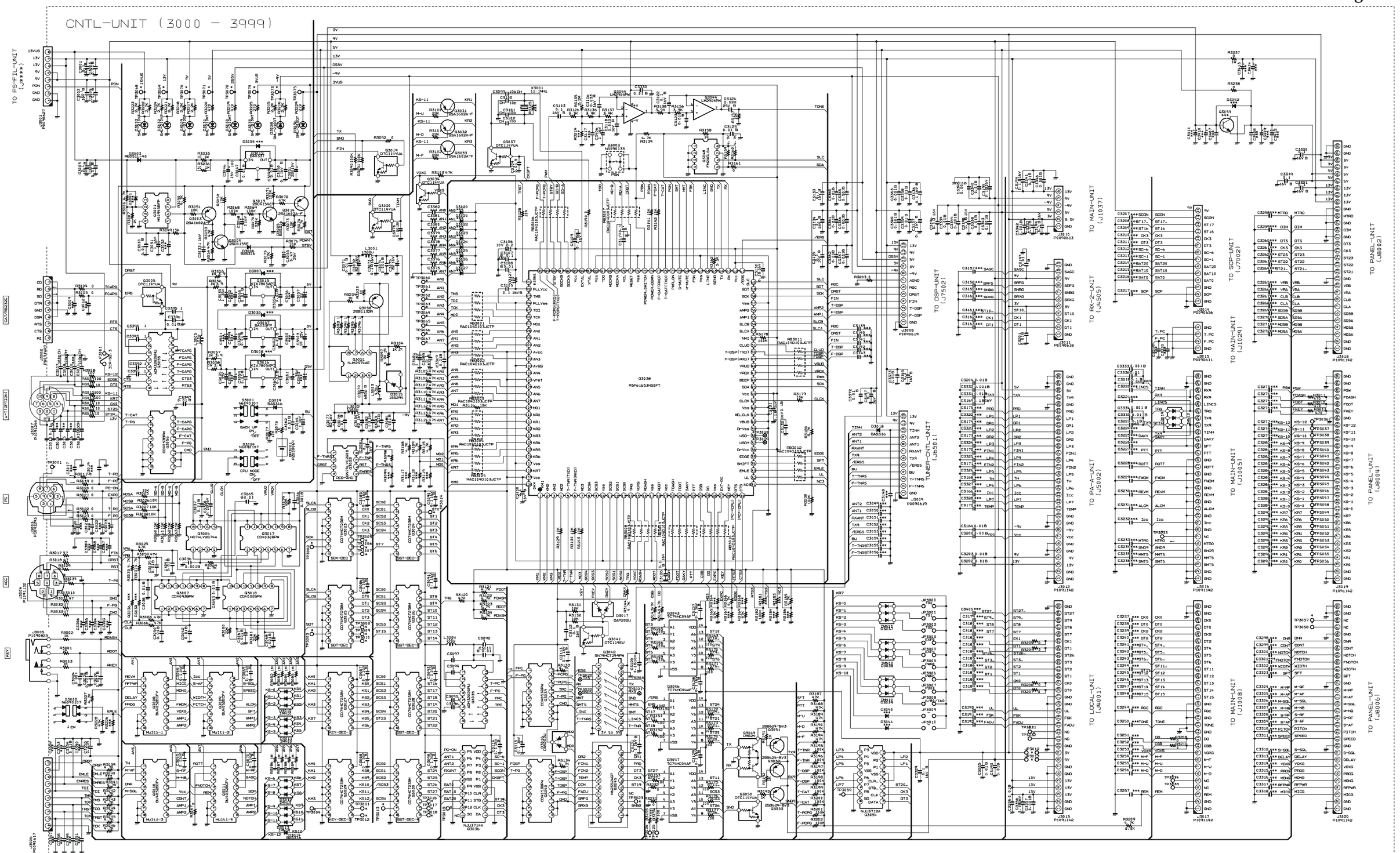
DVS Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3551001				
	Printed Circuit Board				AH010H000	FR0093400		1-		
C 2901	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	
C 2903	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	
C 2904	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	
C 2907	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	
C 2908	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	
C 2909	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	
C 2910	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174831		1-	A	
C 2911	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	
C 2912	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	
C 2913	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	
C 2914	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	
C 2915	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	
C 2916	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	
C 2917	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	
C 2918	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	
C 2919	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	
J 2901	CONNECTOR				IMSA-9133S-06D	P1090867		1-	A	
J 2902	CONNECTOR				IMSA-9133S-05D	P1090908		1-	A	
Q 2902	IC				PST596HNR	G1092574		1-	A	
Q 2903	IC				TC7S04FU(TE85R.F)	G1091530		1-	A	
Q 2904	IC				ML2500BTA	G1093715		1-	A	
Q 2905	IC				LMV321IDCKR	G1093969		1-	A	
Q 2906	IC				LMV321IDCKR	G1093969		1-	A	
R 2901	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	
R 2902	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	
R 2903	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	
R 2904	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	
R 2906	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	
R 2908	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	
R 2909	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	
R 2910	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	
R 2911	CHIP RES.	27k	1/16W	5%	RMC1/16 273JATP	J24185273		1-	A	
R 2912	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	
R 2913	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	
R 2914	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	
R 2916	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	
R 2917	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	
R 2918	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	
R 2919	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	
R 2920	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	
R 2921	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	
R 2923	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	
R 2924	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	
R 2925	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	
VR2901	POT.	10k			RH03A3A14X 10K	J51807103		1-	A	

CNTL Unit (Lot. 1)

Circuit Diagram

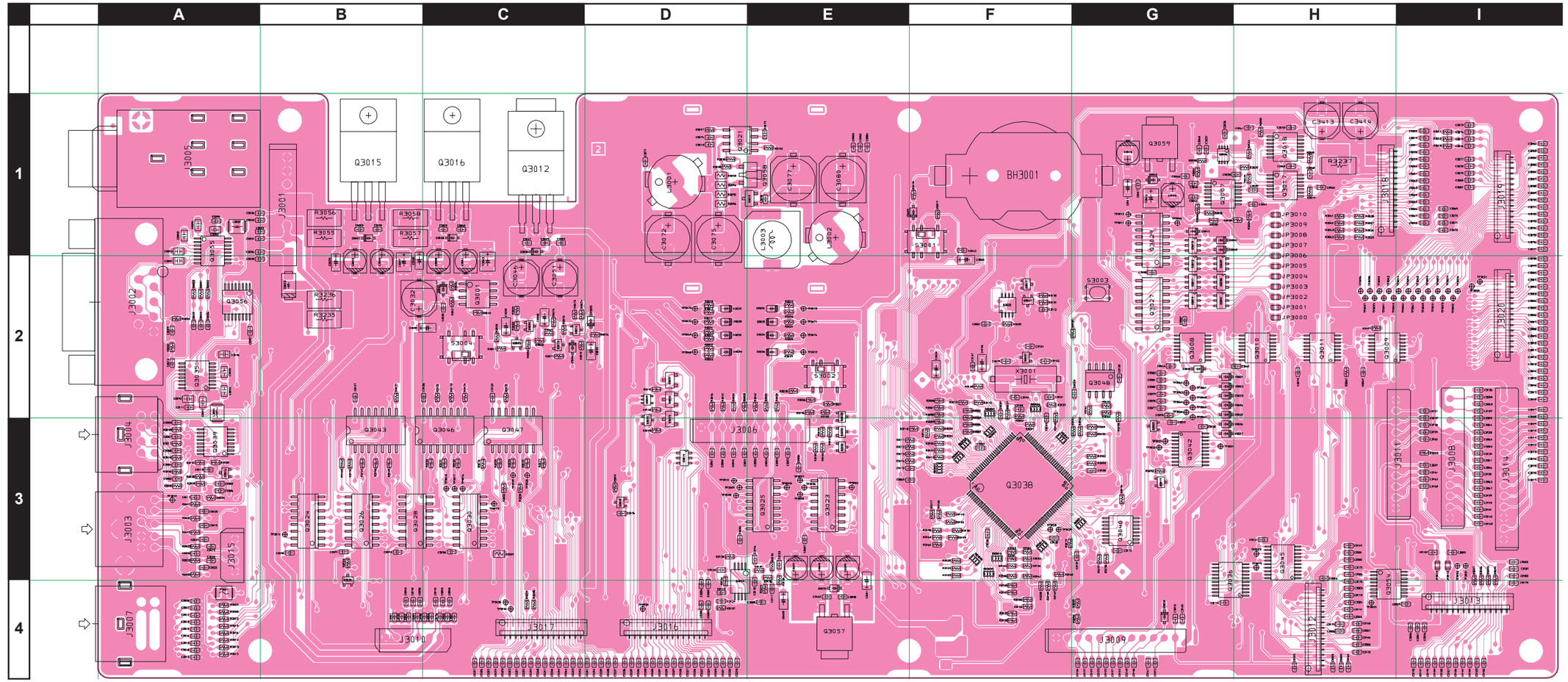


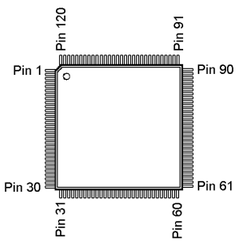
CNTL Unit (Lot. 1)

Note

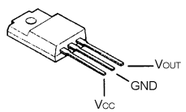
CNTL Unit (Lot. 1)

Parts Layout (Side A)

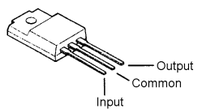




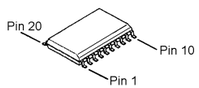
R5F61653N50FTV
(Q3038)



BA033T
(Q3012)



KIA7805API
(Q3015, 3016)

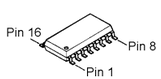


CD74HCT238M96
(Q3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030)

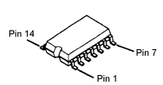
M62352AGP
(Q3045)

NJU3714A
(Q3036)

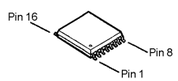
SN74HCT244PWR
(Q3042)



ADM3202ARU
(Q3035, 3055)



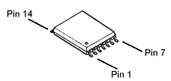
TC74HC04AF
(Q3043, 3046, 3047)



BU4052BCFV
(Q3008, 3009, 3010, 3011)

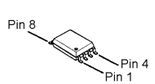
CD4053BPWR
(Q3039, 3040, 3053)

NJU3712A
(Q3054)



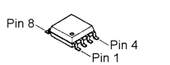
CD4030BPWR
(Q3017, 3018)

CD4093BPWR
(Q3007)



HD74LV2G74A
(Q3006)

LM2904PWR
(Q3044)

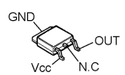


FM24CL64
(Q3048)

M51945BFP
(Q3001)

NJM2374AE
(Q3021)

SN74LVC2G08DCTR
(Q3022)



BA033CC0FP
(Q3057)



2SA1602A (MF)
(Q3003, 3014, 3031, 3032, 3033)

2SB624 (BV3)
(Q3051, 3052, 3053)



2SB1132 (BA)
(Q3058)



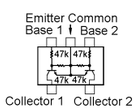
2SC4154 (E)
(Q3004, 3013)



DTC114EUA (24)
(Q3041)



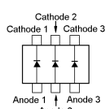
DTC114YUA (64)
(Q3005, 3019, 3020, 3034, 3037, 3050)



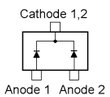
UMG2N (G2)
(Q3049)



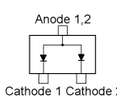
1SS294 (A9)
(D3015)



IMN10 (N10)
(D3010, 3011, 3012, 3013, 3019, 3037, 3038, 3039)



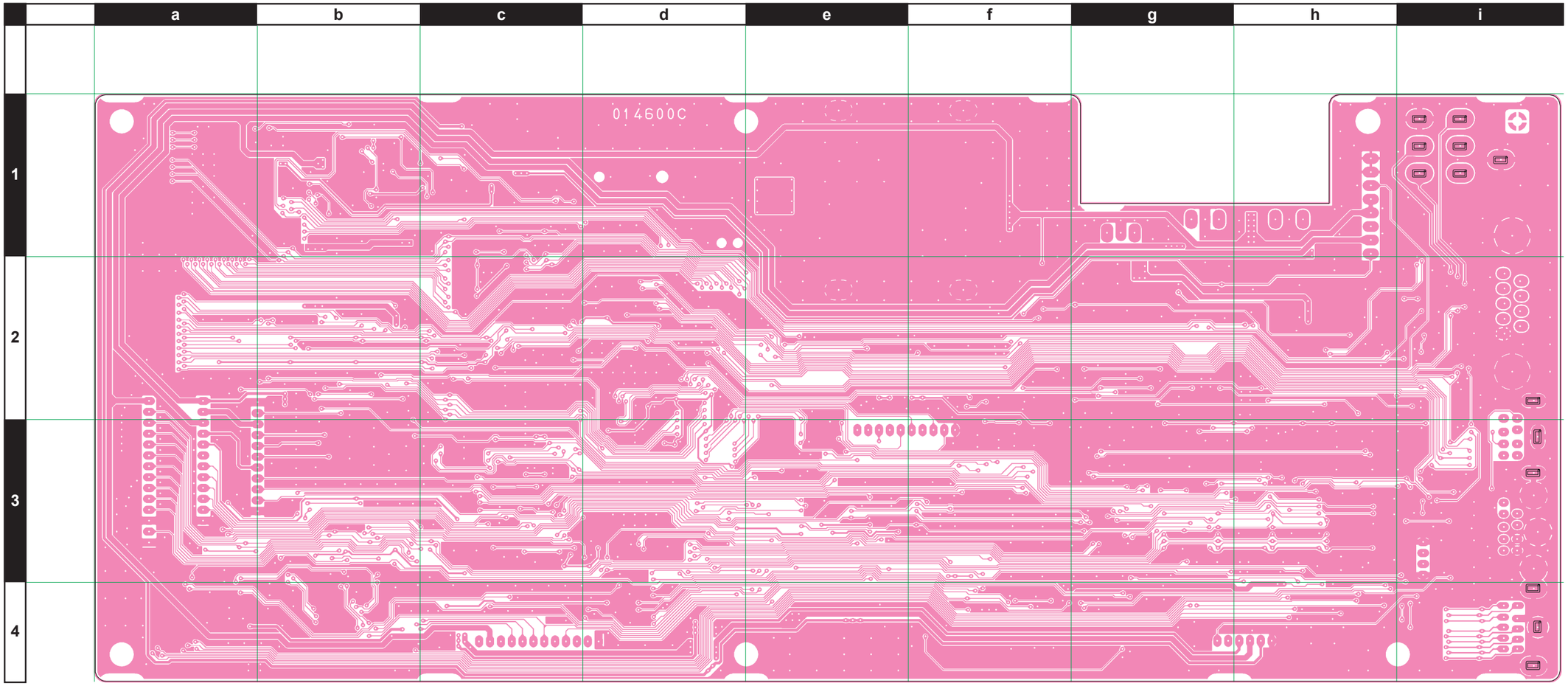
DAN202U (N)
(D3016)



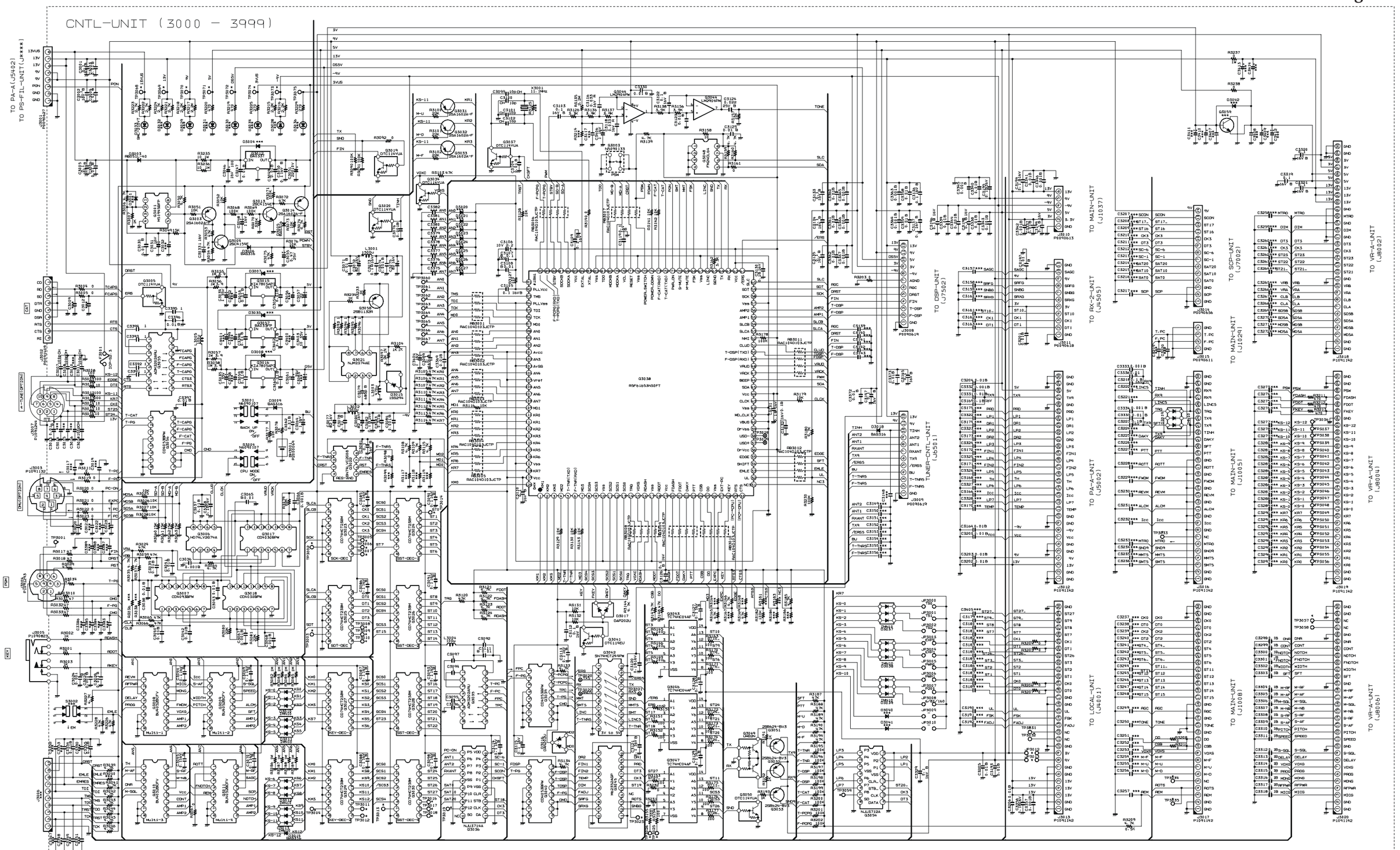
DAP202U (P)
(D3017)

CNTL Unit (Lot. 1)

Parts Layout (Side B)



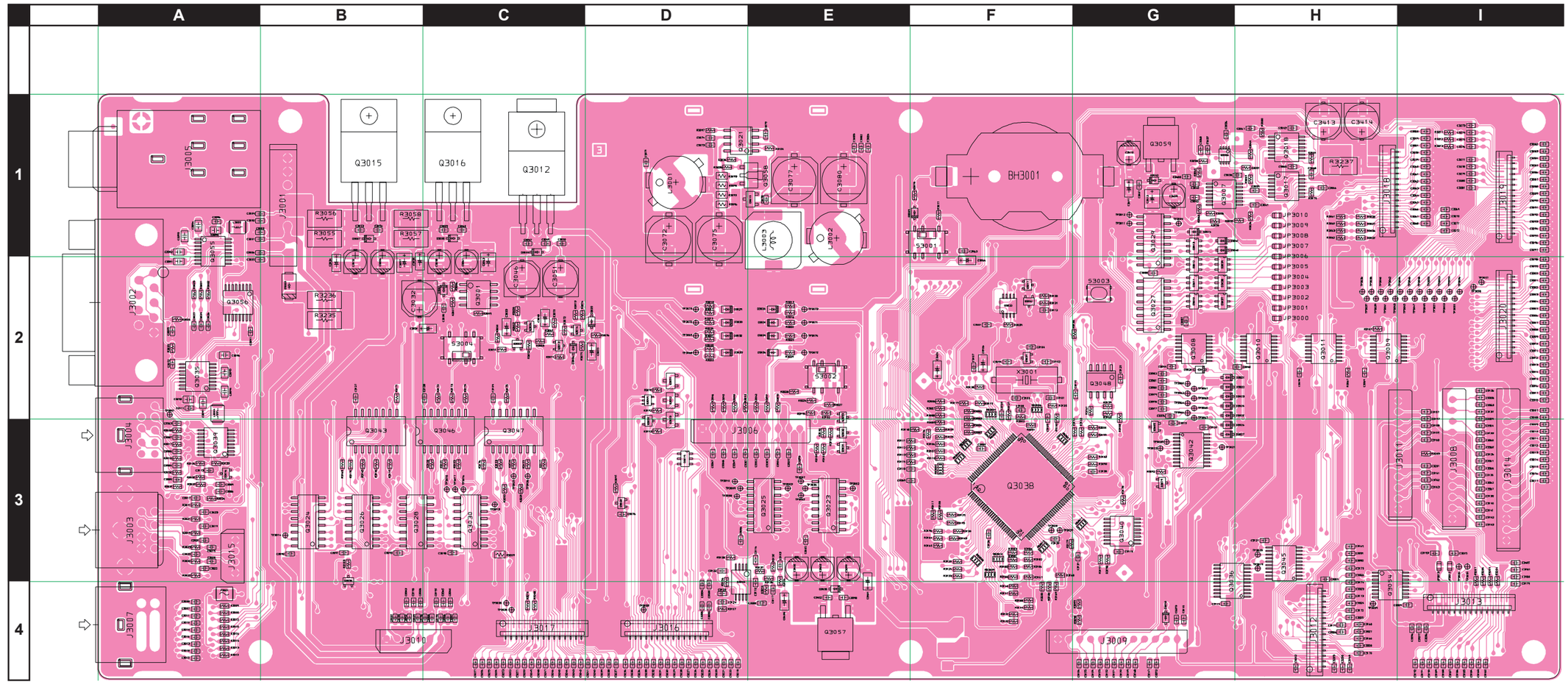
Circuit Diagram

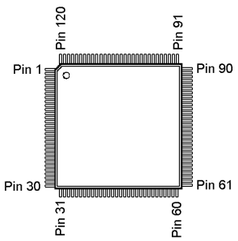


CNTL Unit (Lot. 2~)

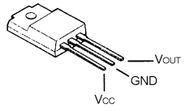
Note

Parts Layout (Side A)

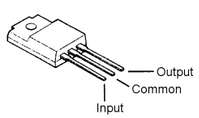




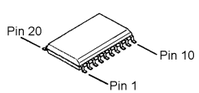
R5F61653N50FTV
(Q3038)



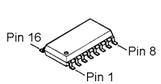
BA033T
(Q3012)



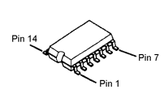
KIA7805API
(Q3015, 3016)



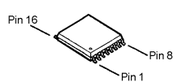
CD74HCT238M96
(Q3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030)
M62352AGP
(Q3045)
NJU3714A
(Q3036)
SN74HCT244PWR
(Q3042)



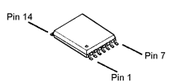
ADM3202ARU
(Q3035, 3055)



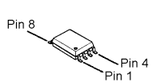
TC74HC04AF
(Q3043, 3046, 3047)



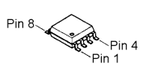
BU4052BCFV
(Q3008, 3009, 3010, 3011)
CD4053BPWR
(Q3039, 3040, 3053)
NJU3712A
(Q3054)



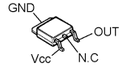
CD4030BPWR
(Q3017, 3018)
CD4093BPWR
(Q3007)



HD74LV2G74A
(Q3006)
LM2904PWR
(Q3044)



FM24CL64
(Q3048)
M51945BFP
(Q3001)
NJM2374AE
(Q3021)
SN74LVC2G08DCTR
(Q3022)



BA033CC0FP
(Q3057)



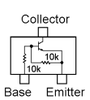
2SA1602A (MF)
(Q3003, 3014, 3031, 3032, 3033)
2SB624 (BV3)
(Q3051, 3052, 3053)



2SB1132 (BA)
(Q3058)



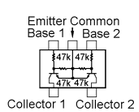
2SC4154 (E)
(Q3004, 3013)



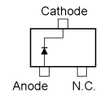
DTC114EUA (24)
(Q3041)



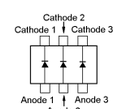
DTC114YUA (64)
(Q3005, 3019, 3020, 3034, 3037, 3050)



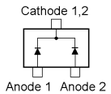
UMG2N (G2)
(Q3049)



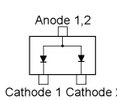
1SS294 (A9)
(D3015)



IMN10 (N10)
(D3010, 3011, 3012, 3013, 3019, 3037, 3038, 3039)



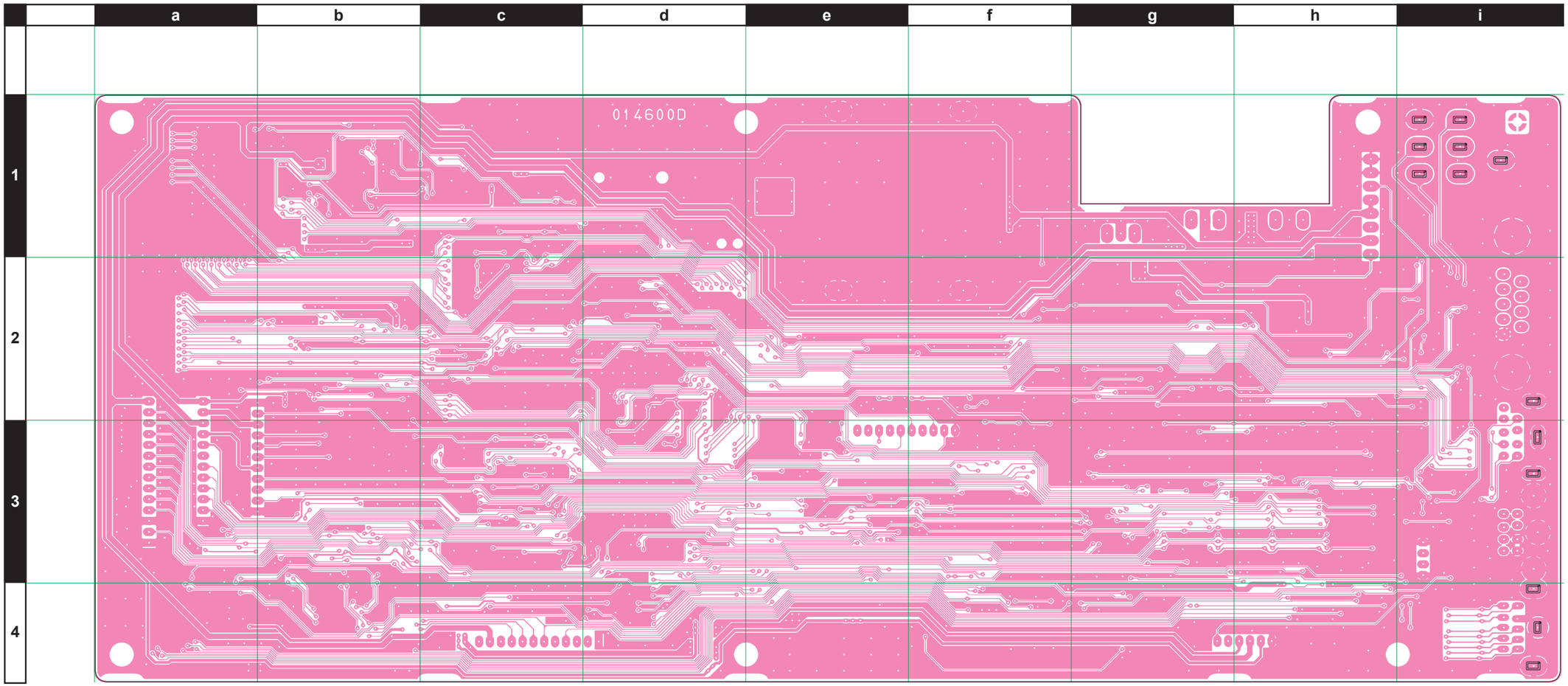
DAN202U (N)
(D3016)



DAP202U (P)
(D3017)

CNTL Unit (Lot. 2~)

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS1893001 CS1893002 CS1893003 CS1893004 CS1893005 CS1893006 CS1893007 CS1893008 CS1893009				
	Printed Circuit Board					FR014600C FR014600D		1 2-		
BH3001	BATT.HOLDER				20H-1T	P2000069		1-	A	F1
BT3001	LITHIUM BATT.		3V		CR2032	Q9000564		1-		
C 3001	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 3002	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 3003	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 3004	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 3005	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 3006	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 3007	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A4
C 3008	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A4
C 3011	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A4
C 3013	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A4
C 3018	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	A4
C 3024	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 3025	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 3026	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 3030	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 3031	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	C2
C 3033	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	C2
C 3034	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B2
C 3035	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B2
C 3036	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	G1
C 3037	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 3038	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 3039	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 3040	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 3041	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 3042	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 3043	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 3044	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G2
C 3045	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H2
C 3046	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	C2
C 3047	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 3048	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	C2
C 3049	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 3050	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 3051	AL.ELECTRO.CAP.	220uF	10V		EEE1AA221XP	K48100007		1-	A	C2
C 3053	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 3054	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 3055	CHIP TA.CAP.	0.47uF	25V		TESVA1E474M1-8R	K78140009		1-	A	D2
C 3057	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	B2
C 3059	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 3060	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 3061	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	C2
C 3062	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 3064	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	F2
C 3065	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 3066	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	H1
C 3067	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	H1
C 3068	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	H1
C 3069	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H2
C 3070	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H2
C 3071	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 3072	AL.ELECTRO.CAP.	82uF	16V		PXA16VC82MH70	K48120022		1-	A	D1
C 3073	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 3074	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 3075	AL.ELECTRO.CAP.	82uF	16V		PXA16VC82MH70	K48120022		1-	A	D1
C 3076	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 3077	AL.ELECTRO.CAP.	82uF	16V		PXA16VC82MH70	K48120022		1-	A	E1
C 3078	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 3079	CHIP CAP.	680pF	50V	B	GRM188B11H681KA01D	K22174807		1-	A	E1
C 3080	AL.ELECTRO.CAP.	82uF	16V		PXA16VC82MH70	K48120022		1-	A	E1

CNTL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 3081	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 3082	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 3083	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 3084	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E1
C 3085	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 3086	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 3087	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G2
C 3088	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G2
C 3089	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 3090	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 3091	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 3092	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A2
C 3093	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 3094	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A2
C 3095	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A2
C 3096	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A2
C 3097	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A2
C 3098	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 3099	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F2
C 3100	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F2
C 3101	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F2
C 3102	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F2
C 3103	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 3103	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		4-	A	E3
C 3104	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 3105	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 3106	CHIP TA.CAP.	2.2uF	10V		TESVA1A225M1-8R	K78100021		1-	A	F2
C 3107	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 3108	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 3109	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 3110	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 3111	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 3112	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 3113	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A3
C 3114	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G4
C 3115	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G3
C 3116	CHIP CAP.	0.033uF	16V	R	GRM188R11C333KA01D	K22124801		1-	A	E3
C 3118	CHIP CAP.	0.033uF	16V	R	GRM188R11C333KA01D	K22124801		1-	A	E4
C 3119	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G2
C 3120	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G3
C 3121	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H3
C 3122	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 3123	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 3124	CHIP CAP.	0.022uF	25V	B	GRM39B223K25PT	K22144807		1-	A	D4
C 3125	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 3126	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 3127	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 3128	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 3129	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 3130	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G3
C 3131	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G3
C 3132	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 3133	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I3
C 3134	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I3
C 3135	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I3
C 3136	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3137	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3145	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G4
C 3147	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G4
C 3164	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 3169	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H3
C 3193	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 3194	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 3195	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 3196	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 3197	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I2
C 3198	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 3199	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 3200	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 3201	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 3202	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 3203	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 3204	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 3205	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 3206	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I4
C 3218	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D4
C 3223	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D4
C 3229	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		3-	A	D4
C 3298	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3299	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3300	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3301	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3302	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3303	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3304	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3305	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3306	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3307	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3308	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3309	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3310	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3311	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3312	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3313	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3314	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3315	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3316	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3317	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3318	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 3319	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I1
C 3320	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I1
C 3321	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I1
C 3329	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I4
C 3330	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 3331	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 3332	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H3
C 3333	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 3334	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 3335	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 3336	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 3337	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 3338	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 3339	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B4
C 3340	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 3341	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 3342	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B4
C 3343	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B4
C 3344	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C4
C 3345	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C4
C 3346	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C4
C 3354	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 3355	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 3356	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I4
C 3357	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	I4
C 3358	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I2
C 3359	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I2
C 3360	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 3361	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 3362	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 3363	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I2
C 3364	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I3
C 3365	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I3
C 3366	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I3
C 3367	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I3
C 3368	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 3369	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 3372	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G4
C 3373	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G4
C 3391	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A2
C 3392	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A1
C 3393	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A1
C 3394	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A1
C 3395	CHIP CAP.	1uF			GRM21BB11C105KA01L	K22120809		1-	A	A1
C 3396	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 3397	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 3398	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4

CNTL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 3402	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E4
C 3403	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	E3
C 3404	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	F2
C 3406	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	E4
C 3415	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		3-		
D 3003	DIODE				RB051L-40TE25	G2070718		1-	A	B2
D 3005	DIODE				BAS316	G2070716		1-	A	D2
D 3006	DIODE				BAS316	G2070716		1-	A	C2
D 3009	DIODE				BAS316	G2070716		1-	A	F1
D 3010	DIODE				IMN10 T108	G2070078		1-	A	G2
D 3011	DIODE				IMN10 T108	G2070078		1-	A	G2
D 3012	DIODE				IMN10 T108	G2070078		1-	A	G2
D 3013	DIODE				IMN10 T108	G2070078		1-	A	G1
D 3014	DIODE				BAS316	G2070716		1-	A	G1
D 3015	DIODE				1SS294(TE85R.F)	G2070058		1-	A	E1
D 3016	DIODE				DAN202U T106	G2070162		1-	A	A3
D 3017	DIODE				DAP202U T106	G2070160		1-	A	F2
D 3018	DIODE				BAS316	G2070716		1-	A	G4
D 3019	DIODE				IMN10 T108	G2070078		1-	A	D3
D 3033	LED				SML-210VTT86	G2070768		2-	A	D2
D 3037	DIODE				IMN10 T108	G2070078		1-	A	G2
D 3038	DIODE				IMN10 T108	G2070078		1-	A	G2
D 3039	DIODE				IMN10 T108	G2070078		1-	A	G2
F 3001	PROTECTOR				ICP-S2.3TN	G9090144		1-	A	A4
FB3001	FERRITE BEADS				BK1608HS601-T	L9190083		4-		
J 3001	CONNECTOR				SC25-08WS	P0090627		1-	A	B1
J 3002	CONNECTOR				XM2C-0942-232L	P0091409		1-	A	A2
J 3003	CONNECTOR				M50-08-30-434S R41-0599M	P1091132		1-	A	A3
J 3004	CONNECTOR				TCS7709	P1091293		1-	A	A3
J 3005	CONNECTOR				HLJ2305-0130609	P1090823		1-	A	A1
J 3007	CONNECTOR				TCS7705-5120177	P1091244		1-	A	A4
J 3008	CONNECTOR				SB20-12WS	P0090619		1-	A	I3
J 3009	CONNECTOR				SB20-12WS	P0090619		1-	A	F4
J 3010	CONNECTOR				SB20-06WS	P0090613		1-	A	B4
J 3011	CONNECTOR				SB20-11WS	P0090618		1-	A	I3
J 3012	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	H4
J 3013	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	I4
J 3014	CONNECTOR				SB20-14WS	P0090656		1-	A	I3
J 3015	CONNECTOR				SB20-04WS	P0090611		1-	A	A3
J 3016	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	D4
J 3017	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	C4
J 3018	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	H1
J 3019	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	I1
J 3020	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	I2
JP3000	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	EUROPE	4-	A	H2
JP3001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	AUSTRALIA	4-	A	H2
JP3001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	EUROPE	4-	A	H2
JP3001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	EXPORT	4-	A	H2
JP3001	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	UNITED KINGDOM	4-	A	H2
JP3002	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	AUSTRALIA	4-	A	H2
JP3002	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	EXPORT	4-	A	H2
JP3002	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	FRANCE	4-	A	H2
JP3005	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		4-	A	H2
JP3006	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		4-	A	H2
JP3007	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		4-	A	H1
JP3100	WIRE ASSY				GRN 145 2/2	T50514500		1		
JP3101	WIRE ASSY				GRN 60 2/2	T50506000		1-2		
L 3001	CHIP COIL	1500uH			A814AY-152K=P3	L1691320		1-	A	D1
L 3002	CHIP COIL	1500uH			A814AY-152K=P3	L1691320		1-	A	E1
L 3003	M.RFC	470uH			CDRH105RNP-471NC-VS	L1691359		1-	A	E1
L 3004	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	A2
L 3005	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	A1
Q 3001	IC				M51945BFP-600C	G1091990		1-	A	C2
Q 3003	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	C2
Q 3004	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C2
Q 3005	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	G3
Q 3006	IC				HD74LV2G74A(TAPE)	G1093788		1-	A	G1
Q 3007	IC				CD4093BPWR	G1094093		1-	A	G1
Q 3008	IC				BU4052BCFV-E2	G1094196		1-	A	G2
Q 3009	IC				BU4052BCFV-E2	G1094196		1-	A	H2
Q 3010	IC				BU4052BCFV-E2	G1094196		1-	A	H2
Q 3011	IC				BU4052BCFV-E2	G1094196		1-	A	H2
Q 3012	IC				BA033T	G1093776		1-	A	C1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 3013	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C2
Q 3014	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	C2
Q 3015	IC				KIA7805API	G1093163		1-	A	B1
Q 3016	IC				KIA7805API	G1093163		1-	A	C1
Q 3017	IC				CD4030BPWR	G1094092		1-	A	H1
Q 3018	IC				CD4030BPWR	G1094092		1-	A	H1
Q 3019	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	G3
Q 3020	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	D3
Q 3021	IC				NJM2374AE-TE1	G1093808		1-	A	D1
Q 3022	IC				SN74LVC2G08DCTR	G1094341		1-	A	F2
Q 3023	IC				CD74HCT238M96	G1093850		1-	A	E3
Q 3024	IC				CD74HCT238M96	G1093850		1-	A	B3
Q 3025	IC				CD74HCT238M96	G1093850		1-	A	E3
Q 3026	IC				CD74HCT238M96	G1093850		1-	A	B3
Q 3027	IC				CD74HCT238M96	G1093850		1-	A	G2
Q 3028	IC				CD74HCT238M96	G1093850		1-	A	B3
Q 3029	IC				CD74HCT238M96	G1093850		1-	A	G1
Q 3030	IC				CD74HCT238M96	G1093850		1-	A	C3
Q 3031	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E3
Q 3032	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E3
Q 3033	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E2
Q 3034	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	B3
Q 3035	IC				ADM3202ARU	G1094022		1-	A	A2
Q 3036	IC				NJU3714A(TAPE)	G1094291		1-	A	G3
Q 3037	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	F2
Q 3038	IC				R5F61653N50FTV	※		1-	A	F3
Q 3039	IC				CD4053BPWR	G1093864		1-	A	A3
Q 3040	IC				CD4053BPWR	G1093864		1-	A	G3
Q 3041	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F2
Q 3042	IC				SN74HCT244PWR	G1094091		1-	A	G3
Q 3043	IC				TC74HC04AF(EL.F)	G1093499		1-	A	B3
Q 3044	IC				LM2904PWR	G1094010		1-	A	D4
Q 3045	IC				M62352AGP	G1094271		1-	A	H3
Q 3046	IC				TC74HC04AF(EL.F)	G1093499		1-	A	C3
Q 3047	IC				TC74HC04AF(EL.F)	G1093499		1-	A	C3
Q 3048	IC				FM24CL64	G1094270		1-	A	G2
Q 3049	TRANSISTOR				UMG2N TR	G3070088		1-	A	D2
Q 3050	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	D3
Q 3051	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	A	D2
Q 3052	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	A	D2
Q 3053	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	A	D3
Q 3054	IC				NJU3712A(TAPE)	G1094290		1-	A	H4
Q 3055	IC				ADM3202ARU	G1094022		1-	A	A1
Q 3056	IC				CD4053BPWR	G1093864		1-	A	A2
Q 3057	IC				BA033CC0FP-E2	G1094077		1-	A	E4
Q 3058	TRANSISTOR				2SB1132 T100 R	G3211327R		1-	A	E1
R 3001	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 3002	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 3003	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 3004	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A2
R 3005	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A2
R 3006	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 3007	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 3008	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 3009	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 3010	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A4
R 3011	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 3012	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 3013	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	A4
R 3014	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A4
R 3015	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A4
R 3016	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A4
R 3017	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3018	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3019	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 3020	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 3021	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 3022	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 3023	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 3024	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H1
R 3025	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H1
R 3026	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H1
R 3027	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H1

※: Please contact Vertex Standard

CNTL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 3028	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H1
R 3029	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3030	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A3
R 3031	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3032	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3033	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3034	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A3
R 3035	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	H1
R 3037	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	H1
R 3039	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F2
R 3041	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 3042	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 3043	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D2
R 3044	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D2
R 3045	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D2
R 3046	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D2
R 3049	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	C2
R 3050	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 3051	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 3052	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 3053	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 3054	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 3055	CHIP RES.	3.9	1W	5%	RMC1 3R9JTE	J24305399		1-	A	B1
R 3056	CHIP RES.	3.9	1W	5%	RMC1 3R9JTE	J24305399		1-	A	B1
R 3057	CHIP RES.	3.9	1W	5%	RMC1 3R9JTE	J24305399		1-	A	B1
R 3058	CHIP RES.	3.9	1W	5%	RMC1 3R9JTE	J24305399		1-	A	B1
R 3059	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H1
R 3060	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	H1
R 3061	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	H1
R 3062	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	H1
R 3063	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	H1
R 3064	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	H1
R 3065	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	G1
R 3066	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	G1
R 3067	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	H2
R 3068	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 3069	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 3070	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		1-	A	C2
R 3071	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 3072	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 3073	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 3074	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 3075	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 3076	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D2
R 3077	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F1
R 3078	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 3079	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H1
R 3080	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H1
R 3081	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H1
R 3082	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 3083	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 3084	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F3
R 3085	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F3
R 3086	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 3087	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 3088	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F2
R 3089	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	F3
R 3090	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 3091	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 3092	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G3
R 3093	CHIP RES.	1	1/10W	5%	RMC1/10T 1R0J	J24205010		1-	A	D1
R 3094	CHIP RES.	1	1/10W	5%	RMC1/10T 1R0J	J24205010		1-	A	D1
R 3095	CHIP RES.	1	1/10W	5%	RMC1/10T 1R0J	J24205010		1-	A	D1
R 3096	CHIP RES.	1	1/10W	5%	RMC1/10T 1R0J	J24205010		1-	A	D1
R 3097	CHIP RES.	6.2k	1/16W	1%	RMC1/16 622FTP	J24183622		1-	A	D1
R 3098	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-3	A	G4
R 3100	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E3
R 3101	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E3
R 3102	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E2
R 3103	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B3
R 3104	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	E1
R 3105	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3106	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 3107	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3108	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 3109	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 3110	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3111	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3112	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3113	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3114	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3115	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F2
R 3116	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 3120	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3121	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F4
R 3122	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F4
R 3123	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 3124	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 3126	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	E3
R 3127	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 3128	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 3129	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 3130	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 3131	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 3132	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 3133	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A3
R 3134	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A3
R 3135	CHIP RES.	2.2M	1/16W	5%	RMC1/16 225JATP	J24185225		1-3	A	E3
R 3136	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	E3
R 3137	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	E3
R 3138	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	D3
R 3139	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G2
R 3140	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F2
R 3141	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G3
R 3142	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G3
R 3143	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 3144	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F4
R 3145	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 3146	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 3147	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F4
R 3148	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F4
R 3149	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 3150	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3151	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3152	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3153	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3154	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3155	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3156	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	D4
R 3157	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D4
R 3158	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	G2
R 3159	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G2
R 3160	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G2
R 3161	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G2
R 3162	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	G3
R 3163	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 3165	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F3
R 3166	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 3169	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F4
R 3170	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B3
R 3171	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 3172	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 3173	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 3174	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 3175	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 3176	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3177	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 3178	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 3179	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 3180	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F4
R 3182	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 3185	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 3188	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F4
R 3189	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E3
R 3190	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E3
R 3191	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2

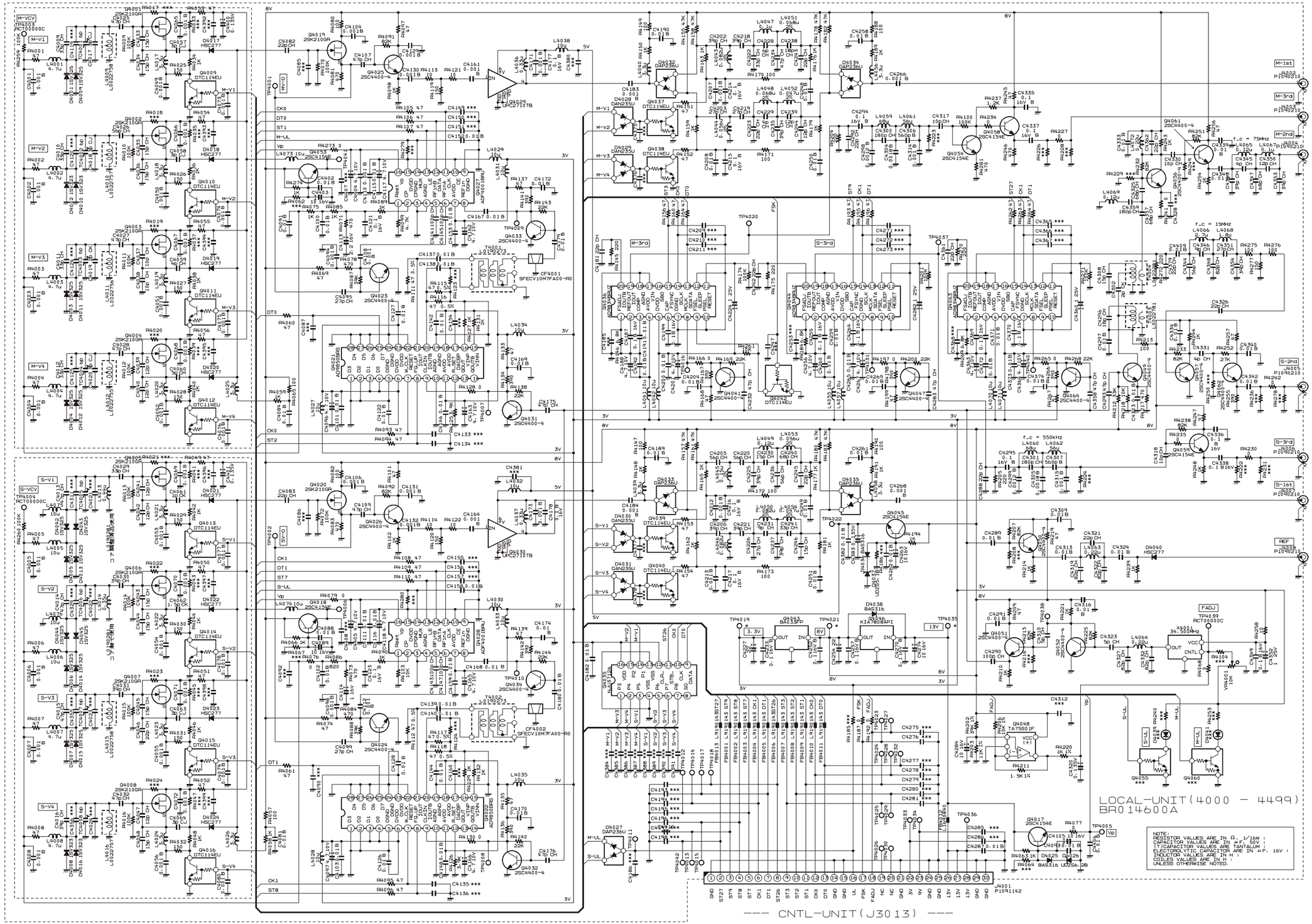
CNTL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 3192	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 3193	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D3
R 3194	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E2
R 3195	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 3196	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 3197	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 3198	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 3199	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 3200	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 3201	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F3
R 3202	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 3203	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	I3
R 3204	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	I3
R 3205	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	I3
R 3206	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	I3
R 3207	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	I3
R 3208	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C4
R 3209	CHIP RES.	4.7k	1/10W	0.5%	RR1220P-472-D-T5	J24209187		1-	A	C3
R 3210	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C4
R 3211	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	I1
R 3212	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	I1
R 3213	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	I1
R 3215	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E2
R 3216	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E2
R 3217	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	D2
R 3218	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	D2
R 3219	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D2
R 3220	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 3221	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	D2
R 3222	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	D2
R 3223	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	D2
R 3224	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	D2
R 3225	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	E2
R 3226	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E2
R 3227	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 3228	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E2
R 3229	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	E2
R 3230	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F4
R 3231	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C3
R 3232	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C3
R 3233	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D1
R 3234	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D1
R 3235	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	B2
R 3236	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	B2
R 3237	CHIP RES.	0	1W	5%	RMC1 JPATE	J24305000		1-	A	H1
R 3238	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G1
R 3239	CARBON FILM RES.	47k	1/6W	5%	RD16PJ473 47K	J01225473		1-		
R 3239	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		3-		
R 3240	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		3-		
R 3242	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		3-		
R 3243	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		3-		
R 3244	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-7		
RB3001	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F2
RB3002	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3002	BLOCK RES.				RAC104D332JCTH	J42900041		8-	A	F3
RB3003	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3003	BLOCK RES.				RAC104D332JCTH	J42900041		8-	A	F3
RB3004	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3005	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3006	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F2
RB3007	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3008	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3009	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3010	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
RB3011	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	G3
RB3012	BLOCK RES.				RAC104D103JCTP	J42900024		1-	A	F3
S 3001	SLIDE SWITCH				SSSS820201	N6090107		1-	A	F1
S 3003	TACT SWITCH				SKRPABE010	N5090133		1-2	A	G2
S 3004	SLIDE SWITCH				SSSS820201	N6090107		1-	A	C2
X 3001	XTAL SMD-49	11.1MHz			11.10MHZ	H0103321		1-	A	F2

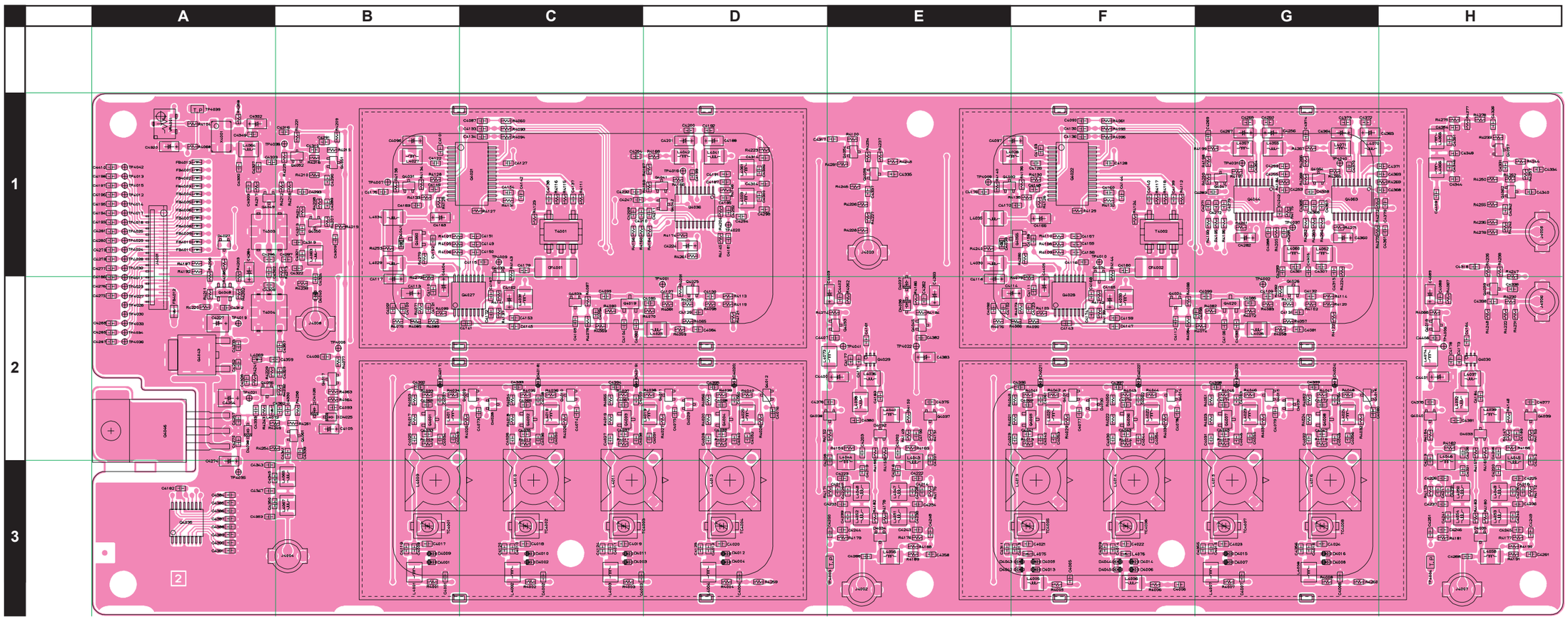
LOCAL Unit

Circuit Diagram



Note

Parts Layout (Side A)

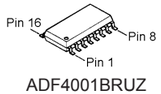




AD9850BRSZ
(Q4021, 4022)

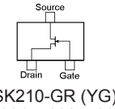


AD9834BRUZ
(Q4036, 4044, 4063)

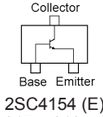


ADF4001BRUZ
(Q4027, 4028)

NJU3712A
(Q4035)

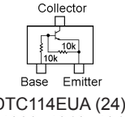


2SK210-GR (YG)
(Q4001, 4002, 4003, 4004, 4005, 4006, 4007, 4008, 4019, 4020)

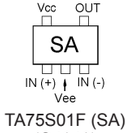


2SC4154 (E)
(Q4017, 4018, 4045, 4054, 4058, 4059)

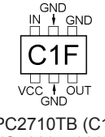
2SC4400 (RT4)
(Q4023, 4024, 4025, 4026, 4031, 4032, 4033, 4034, 4041, 4047, 4049, 4050, 4051, 4052, 4056, 4057, 4061, 4062, 4064)



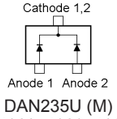
DTC114EUA (24)
(Q4009, 4010, 4011, 4012, 4013, 4014, 4015, 4016, 4037, 4038, 4039, 4040, 4042)



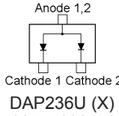
TA75S01F (SA)
(Q4048)



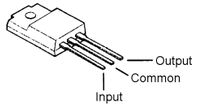
UPC2710TB (C1F)
(Q4029, 4030)



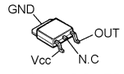
DAN235U (M)
(D4028, 4029, 4030, 4031)



DAP236U (X)
(D4027, 4032, 4033, 4034, 4035)



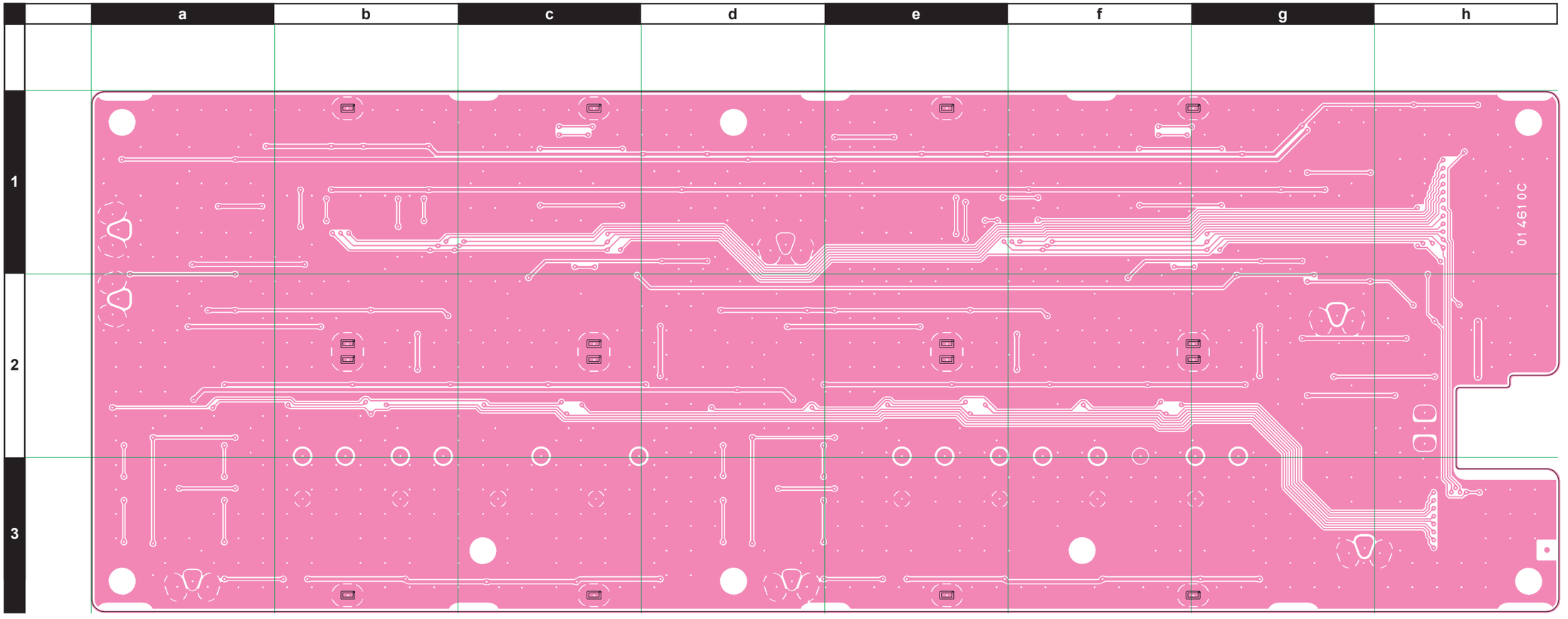
KIA7808API
(Q4046)



BA033CC0FP
(Q4043)

LOCAL Unit

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3485001				
	Printed Circuit Board				AH025H000	FR014610C		1-		
C 4001	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B3
C 4002	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 4003	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C3
C 4004	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 4005	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 4006	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 4007	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4008	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4009	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B3
C 4010	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C3
C 4010	CHIP CAP.	30pF	50V	CH	GRM1882C1H300JZ01D	K22174222		3	A	C3
C 4010	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		4-	A	C3
C 4011	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C3
C 4011	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		4-	A	C3
C 4012	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	D3
C 4012	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		4-	A	D3
C 4013	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	F3
C 4014	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	F3
C 4015	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	G3
C 4016	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	G3
C 4017	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	B3
C 4018	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	C3
C 4019	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	C3
C 4020	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	D3
C 4025	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B2
C 4026	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C2
C 4027	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C2
C 4028	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D2
C 4029	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	F2
C 4029	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		4-	A	F2
C 4030	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	F2
C 4031	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	G2
C 4031	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		3-	A	G2
C 4032	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	G2
C 4033	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	B2
C 4033	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		4-	A	B2
C 4034	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	B2
C 4034	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		4-	A	B2
C 4035	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	C2
C 4035	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		3-	A	C2
C 4036	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	C2
C 4036	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		3-	A	C2
C 4037	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C2
C 4038	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C2
C 4038	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		4-	A	C2
C 4039	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	D2
C 4040	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	D2
C 4040	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		4-	A	D2
C 4041	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F2
C 4041	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DZ01D	K22174209		4-	A	F2
C 4042	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F2
C 4042	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		4-	A	F2
C 4043	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F2
C 4043	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		3-	A	F2
C 4044	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F2
C 4044	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		3-	A	F2
C 4045	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	G2
C 4045	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		3-	A	G2
C 4046	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G2
C 4046	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		3-	A	G2
C 4047	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	G2
C 4047	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DZ01D	K22174210		3-	A	G2
C 4048	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	G2
C 4048	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		3-	A	G2
C 4049	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 4050	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4051	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4052	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4053	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4054	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4055	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2

LOCAL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 4056	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4057	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	B2
C 4058	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	C2
C 4058	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		3	A	C2
C 4058	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		4-	A	C2
C 4059	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	C2
C 4060	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	D2
C 4061	CHIP CAP.	1.5pF	50V	CK	GRM1884C1H1R5CZ01D	K22174258		1-	A	F2
C 4061	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		4-	A	F2
C 4062	CHIP CAP.	1.5pF	50V	CK	GRM1884C1H1R5CZ01D	K22174258		1-	A	F2
C 4062	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		3-	A	F2
C 4063	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	G2
C 4063	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		3-	A	G2
C 4064	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	G2
C 4064	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		3-	A	G2
C 4065	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 4066	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4067	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4068	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4069	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4070	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4071	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4072	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4073	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4074	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4075	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4076	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4077	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4078	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4079	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4080	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4081	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 4082	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C2
C 4083	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G2
C 4084	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 4088	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4089	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	H2
C 4093	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 4094	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4095	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	C2
C 4096	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	B1
C 4097	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	F1
C 4098	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4099	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	G2
C 4101	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4103	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4104	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4105	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	B2
C 4106	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4107	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D2
C 4108	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C2
C 4109	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	G2
C 4110	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B2
C 4111	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 4112	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4113	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	B2
C 4114	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	F2
C 4115	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4116	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4117	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	B2
C 4118	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	E2
C 4120	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		4-	A	C3
C 4121	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 4122	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4123	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 4124	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		4-	A	C3
C 4125	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		4-	A	D3
C 4126	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4127	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4128	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4129	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4130	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D2
C 4131	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 4132	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G2
C 4137	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4138	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4139	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4140	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4141	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	C2
C 4142	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4143	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F2
C 4144	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4145	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	C2
C 4146	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4147	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F2
C 4148	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4152	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4153	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4158	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4159	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 4161	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 4162	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	C2
C 4163	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	B1
C 4164	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H2
C 4165	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	F2
C 4166	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	F1
C 4167	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4168	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 4169	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4170	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4171	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 4172	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4173	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H2
C 4174	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 4175	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B1
C 4176	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	E1
C 4177	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4178	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H2
C 4179	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4180	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4181	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D1
C 4182	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 4183	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 4184	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H2
C 4187	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 4188	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	D1
C 4189	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4190	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4191	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4192	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4199	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 4200	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4201	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	D1
C 4202	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E2
C 4203	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	E2
C 4204	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4205	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	H2
C 4206	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	H2
C 4207	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E2
C 4208	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4212	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H2
C 4213	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H2
C 4214	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4215	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4216	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H3
C 4217	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H3
C 4218	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E3
C 4219	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	E3
C 4220	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	H3
C 4221	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	H3
C 4222	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E3
C 4223	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E3
C 4224	CHIP TA.CAP.	1uF	25V		TEMSVA1E105M-8R	K78140013		1-	A	D1
C 4225	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	H3
C 4226	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	H3
C 4227	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	A2

LOCAL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 4228	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DZ01D	K22174207		1-	A	E3
C 4229	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	E3
C 4230	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	H3
C 4231	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DZ01D	K22174210		1-	A	H3
C 4232	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C1
C 4233	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4234	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	E3
C 4235	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	E3
C 4236	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	H3
C 4237	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	H3
C 4238	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	E3
C 4239	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	E3
C 4240	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	H3
C 4241	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	H3
C 4242	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G1
C 4243	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E3
C 4244	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	E3
C 4245	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	H3
C 4246	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	H3
C 4248	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4249	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 4250	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4250	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		4-	A	E3
C 4251	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 4252	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4254	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	A2
C 4255	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4256	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	G1
C 4257	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4258	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4259	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4260	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4261	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 4262	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4263	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E2
C 4264	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4265	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4266	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 4267	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	G1
C 4268	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	H3
C 4269	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4270	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4274	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	A2
C 4282	CHIP TA.CAP.	1uF	25V		TEMSVA1E105M-8R	K78140013		1-	A	G1
C 4283	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	G1
C 4284	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	A1
C 4287	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 4288	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G1
C 4289	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4290	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B1
C 4291	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4292	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D1
C 4293	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B1
C 4294	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 4295	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4296	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	A1
C 4297	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4298	CHIP CAP.	0.0012uF	50V	B	GRM188B11H122KA01D	K22174826		1-	A	D1
C 4299	CHIP CAP.	0.0012uF	50V	B	GRM188B11H122KA01D	K22174826		1-	A	G1
C 4300	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	D1
C 4301	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	G1
C 4302	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	A1
C 4303	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4304	CHIP CAP.	0.0018uF	50V	B	GRM188B11H182KA01D	K22174828		1-	A	D1
C 4305	CHIP CAP.	0.0018uF	50V	B	GRM188B11H182KA01D	K22174828		1-	A	G1
C 4306	CHIP CAP.	560pF	50V	B	GRM188B11H561KA01D	K22174806		1-	A	D1
C 4307	CHIP CAP.	560pF	50V	B	GRM188B11H561KA01D	K22174806		1-	A	G1
C 4308	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	A2
C 4309	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4310	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	B1
C 4313	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4314	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 4315	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 4316	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4317	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	E1
C 4318	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	H1
C 4319	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	B1
C 4320	CHIP TA.CAP.	0.1uF	35V		TESVA1V104M1-8R	K78160025		1-	A	A1
C 4321	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B1
C 4322	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	B1
C 4323	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	A1
C 4324	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 4325	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	B2
C 4326	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	H1
C 4327	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	A1
C 4330	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	B2
C 4331	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	H1
C 4332	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	A1
C 4333	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 4334	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4335	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4336	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H2
C 4337	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4338	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H2
C 4339	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 4340	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4341	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 4342	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4343	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	A3
C 4344	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	H1
C 4345	CHIP CAP.	4pF	50V	CH	GRM1882C1H4R0CZ01D	K22174205		1-	A	A3
C 4346	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DZ01D	K22174210		1-	A	H1
C 4347	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A3
C 4348	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	H1
C 4349	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 4350	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	A3
C 4351	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	H1
C 4352	CHIP TA.CAP.	1uF	25V		TEMSVA1E105M-8R	K78140013		1-	A	A1
C 4353	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	A3
C 4354	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	H1
C 4357	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	B2
C 4358	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	G1
C 4359	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	A2
C 4360	CHIP TA.CAP.	1uF	25V		TEMSVA1E105M-8R	K78140013		1-	A	G1
C 4361	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	H1
C 4362	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B2
C 4363	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	G1
C 4364	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	G1
C 4369	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H1
C 4370	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4371	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4372	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4373	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4374	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 4379	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	H1
C 4382	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4383	CHIP TA.CAP.	0.1uF	35V		TESVA1V104M1-8R	K78160025		1-	A	E2
C 4400	CHIP TA.CAP.	0.1uF	35V		TESVA1V104M1-8R	K78160025		1-	A	E2
C 4401	CHIP TA.CAP.	0.1uF	35V		TESVA1V104M1-8R	K78160025		1-	A	H2
C 4402	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4403	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	E2
C 4404	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	B2
C 4405	CHIP TA.CAP.	4.7uF	10V		TEMSVA1A475M-8R	K78100022		1-	A	F2
C 4406	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 4409	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4411	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		4-		
C 4412	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		4-		
CF4001	CERAMIC FILTER				SFECV10M7FA00-R0-TC	H3900537		1-	A	C1
CF4002	CERAMIC FILTER				SFECV10M7FA00-R0-TC	H3900537		1-	A	F1
D 4001	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B3
D 4002	DIODE				1SV323(TPH3.F)	G2071006		1-	A	C3
D 4003	DIODE				1SV325(TPH3.F)	G2070848		1-	A	C3
D 4004	DIODE				1SV325(TPH3.F)	G2070848		1-	A	D3
D 4005	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4006	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4007	DIODE				1SV325(TPH3.F)	G2070848		1-	A	G3

LOCAL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
D 4008	DIODE				1SV323(TPH3.F)	G2071006		1-	A	G3
D 4009	DIODE				1SV325(TPH3.F)	G2070848		1-	A	B3
D 4010	DIODE				1SV323(TPH3.F)	G2071006		1-	A	C3
D 4011	DIODE				1SV325(TPH3.F)	G2070848		1-	A	C3
D 4012	DIODE				1SV325(TPH3.F)	G2070848		1-	A	D3
D 4013	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4014	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4015	DIODE				1SV325(TPH3.F)	G2070848		1-	A	G3
D 4016	DIODE				1SV323(TPH3.F)	G2071006		1-	A	G3
D 4017	DIODE				HSC277TRF-E	G2070584		1-	A	B2
D 4018	DIODE				HSC277TRF-E	G2070584		1-	A	C2
D 4019	DIODE				HSC277TRF-E	G2070584		1-	A	C2
D 4020	DIODE				HSC277TRF-E	G2070584		1-	A	D2
D 4021	DIODE				HSC277TRF-E	G2070584		1-	A	F2
D 4022	DIODE				HSC277TRF-E	G2070584		1-	A	F2
D 4023	DIODE				HSC277TRF-E	G2070584		1-	A	G2
D 4024	DIODE				HSC277TRF-E	G2070584		1-	A	G2
D 4025	DIODE				BAS316	G2070716		1-	A	B2
D 4026	DIODE				UDZS TE-17 6.2B	G2070912		1-	A	B2
D 4027	DIODE				DAP236U T106	G2070592		1-1	A	A1
D 4027	DIODE				DAP236U T106	G2070592		3-	A	A1
D 4028	DIODE				DAN235U TL	G2070176		1-	A	C2
D 4029	DIODE				DAN235U TL	G2070176		1-	A	D2
D 4030	DIODE				DAN235U TL	G2070176		1-	A	F2
D 4031	DIODE				DAN235U TL	G2070176		1-	A	G2
D 4032	DIODE				DAP236U T106	G2070592		1-	A	E2
D 4033	DIODE				DAP236U T106	G2070592		1-	A	H2
D 4034	DIODE				DAP236U T106	G2070592		1-	A	E3
D 4035	DIODE				DAP236U T106	G2070592		1-	A	H3
D 4036	DIODE				BAS316	G2070716		1-	A	E2
D 4037	DIODE				UDZS TE-17 5.1B	G2070908		1-	A	E2
D 4038	DIODE				BAS316	G2070716		1-	A	A2
D 4040	DIODE				HSC277TRF-E	G2070584		1-	A	B2
D 4042	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4043	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4044	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
D 4045	DIODE				1SV325(TPH3.F)	G2070848		1-	A	F3
FB4001	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4002	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4003	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4004	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4005	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4006	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4007	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4008	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4009	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
FB4010	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-2	A	A1
FB4011	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-2	A	A1
FB4012	CHIP COIL				BLM21PG300SN1D	L1690840		1-	A	A2
FB4013	FERRITE BEADS				BLM18BD601SN1D	L9190143		1-	A	A1
J 4001	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	A1
J 4002	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	E3
J 4003	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	E1
J 4004	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	B3
J 4005	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	H1
J 4006	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	H2
J 4007	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	H3
J 4008	CONNECTOR				TMP-J01X-V6	P1090210		1-	A	B2
L 4001	M.RFC	4.7uH			LLM3225-4R7J	L1691129		1-	A	B3
L 4002	M.RFC	4.7uH			LLM3225-4R7J	L1691129		1-	A	C3
L 4003	M.RFC	4.7uH			LLM3225-4R7J	L1691129		1-	A	C3
L 4004	M.RFC	4.7uH			LLM3225-4R7J	L1691129		1-	A	D3
L 4005	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	F3
L 4006	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	F3
L 4007	M.RFC	4.7uH			LLM3225-4R7J	L1691129		1-	A	G3
L 4008	M.RFC	4.7uH			LLM3225-4R7J	L1691129		1-	A	G3
L 4009	COIL				MC120 #222957	L0022758		1-	A	B3
L 4010	COIL				MC120 #222956	L0022757		1-	A	C3
L 4011	COIL				MC120 #222955	L0022756		1-	A	C3
L 4012	COIL				MC120 #222954	L0022755		1-	A	D3
L 4013	COIL	0.44uH			MC120 #E526HN-100309	L0190282		1-	A	F3
L 4013	COIL				MC120 #PE526HN-100525	L0190284		3-	A	F3
L 4014	COIL	0.35uH			MC120 #E526HN-100308	L0190281		1-	A	F3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
L 4014	COIL				MC120 #PE526NN-100524	L0190283		3-	A	F3
L 4015	COIL				MC120 #222957	L0022758		1-	A	G3
L 4016	COIL				MC120 #222956	L0022757		1-	A	G3
L 4017	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	B2
L 4018	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	C2
L 4019	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	D2
L 4020	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	D2
L 4021	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	F2
L 4022	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	F2
L 4023	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	G2
L 4024	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	G2
L 4025	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	D2
L 4026	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	G2
L 4027	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	B1
L 4028	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	F1
L 4029	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	B1
L 4030	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	E1
L 4031	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	C2
L 4032	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	H2
L 4033	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	F2
L 4034	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	B1
L 4035	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	E1
L 4036	M.RFC	0.33uH			LLM3225-R33J	L1691115		1-	A	E2
L 4037	M.RFC	0.33uH			LLM3225-R33J	L1691115		1-	A	H2
L 4038	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	E2
L 4039	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	H2
L 4040	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	E2
L 4041	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	D1
L 4042	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	D1
L 4043	CHIP COIL	0.082uH		2%	C2520C-82NG	L1691293		1-	A	E3
L 4044	CHIP COIL	0.056uH		2%	C2520C-56NG	L1691291		1-	A	E3
L 4045	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	H3
L 4046	CHIP COIL	0.082uH		2%	C2520C-82NG	L1691293		1-	A	H3
L 4047	CHIP COIL	0.1uH			C2520C-R10J	L1690544		1-	A	E3
L 4048	CHIP COIL	0.068uH		2%	C2520C-68NG	L1691292		1-	A	E3
L 4049	CHIP COIL	0.12uH			C2520C-R12J	L1690545		1-	A	H3
L 4050	CHIP COIL	0.082uH		2%	C2520C-82NG	L1691293		1-	A	H3
L 4051	CHIP COIL	0.068uH		2%	C2520C-68NG	L1691292		1-	A	E3
L 4052	CHIP COIL	0.047uH		2%	C2520C-47NG	L1691290		1-	A	E3
L 4053	CHIP COIL	0.056uH		2%	C2520C-56NG	L1691291		1-	A	H3
L 4054	CHIP COIL	0.047uH		2%	C2520C-47NG	L1691290		1-	A	H3
L 4055	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	G1
L 4056	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	E3
L 4057	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	G1
L 4058	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	H3
L 4059	M.RFC	68uH			LLM3225-680J	L1691143		1-	A	D1
L 4060	M.RFC	68uH			LLM3225-680J	L1691143		1-	A	G1
L 4061	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	D1
L 4062	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	G1
L 4063	M.RFC	0.22uH			LLM3225-R22J	L1691113		1-	A	B1
L 4064	M.RFC	0.22uH			LLM3225-R22J	L1691113		1-	A	A1
L 4065	M.RFC	0.12uH			LLM3225-R12J	L1691110		1-	A	B3
L 4066	M.RFC	2.7uH			LLM3225-2R7J	L1691126		1-	A	H1
L 4067	M.RFC	0.1uH			LLM3225-R10J	L1691109		1-	A	B3
L 4068	M.RFC	1.8uH			LLM3225-1R8J	L1691124		1-	A	H1
L 4069	M.RFC	0.12uH			HK1608 R12J-T	L1690937		1-	A	A2
L 4070	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	G1
L 4071	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	G1
L 4072	M.RFC	0.22uH			HK1608 R22J-T	L1690940		1-	A	A2
L 4073	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	E2
L 4074	M.RFC	10uH			LLM3225-100J	L1691133		1-	A	H2
L 4075	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	F3
L 4076	M.RFC	10uH			LK1608 100K-T	L1690689		1-	A	F3
L 4077	M.RFC	0.1uH		2%	C1608CB-R10G	L1691045		4-		
Q 4001	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	B2
Q 4002	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	C2
Q 4003	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	C2
Q 4004	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	D2
Q 4005	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	F2
Q 4006	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	F2
Q 4007	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	G2
Q 4008	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	G2
Q 4009	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	C2

LOCAL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 4010	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	C2
Q 4011	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	D2
Q 4012	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	D2
Q 4013	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F2
Q 4014	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F2
Q 4015	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	G2
Q 4016	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	G2
Q 4017	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	B2
Q 4018	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	H2
Q 4019	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	C2
Q 4020	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	G2
Q 4021	IC				AD9850BRSZ-REEL	G1092567		1-	A	C1
Q 4022	IC				AD9850BRSZ-REEL	G1092567		1-	A	F1
Q 4023	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	C2
Q 4024	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	F2
Q 4025	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	D2
Q 4026	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	G2
Q 4027	IC				ADF4001BRUZ-REEL7	G1093977		1-	A	C2
Q 4028	IC				ADF4001BRUZ-REEL7	G1093977		1-	A	F2
Q 4029	IC				UPC2710TB-E3	G1093932		1-	A	E2
Q 4030	IC				UPC2710TB-E3	G1093932		1-	A	H2
Q 4031	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	B1
Q 4032	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	E1
Q 4033	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	C1
Q 4034	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	F1
Q 4035	IC				NJU3712A(TAPE)	G1094290		1-	A	A3
Q 4036	IC				AD9834BRUZ-REEL7	G1094297		1-	A	D1
Q 4037	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	E2
Q 4038	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	E2
Q 4039	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	H2
Q 4040	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	H2
Q 4041	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	D1
Q 4042	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	D1
Q 4043	IC				BA033CC0FP-E2	G1094077		1-	A	A2
Q 4044	IC				AD9834BRUZ-REEL7	G1094297		1-	A	G1
Q 4045	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E2
Q 4046	IC				KIA7808API	G1093164		1-	A	A2
Q 4047	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	G1
Q 4048	IC				TA75S01F(TE85R.F)	G1091593		1-	A	A2
Q 4049	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	A1
Q 4050	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	B1
Q 4051	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	B1
Q 4052	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	B1
Q 4053	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E2
Q 4054	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E1
Q 4056	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	A2
Q 4057	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	H1
Q 4058	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E1
Q 4059	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	H2
Q 4061	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	B2
Q 4062	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	H1
Q 4063	IC				AD9834BRUZ-REEL7	G1094297		1-	A	G1
Q 4064	TRANSISTOR				2SC4400-4-TL	G3344008D		1-	A	G1
R 4001	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B3
R 4002	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C3
R 4003	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C3
R 4004	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D3
R 4005	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F3
R 4006	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F3
R 4007	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G3
R 4008	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G3
R 4009	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B2
R 4010	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 4011	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 4012	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D2
R 4013	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 4014	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 4015	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G2
R 4016	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G2
R 4025	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	C2
R 4025	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		4-	A	C2
R 4026	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	C2
R 4026	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		3-	A	C2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4027	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	D2
R 4027	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		4-	A	D2
R 4028	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	D2
R 4028	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		4-	A	D2
R 4029	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	F2
R 4030	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	F2
R 4030	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		3-	A	F2
R 4031	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	G2
R 4031	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		3-	A	G2
R 4032	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	G2
R 4032	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		3-	A	G2
R 4034	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 4036	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 4038	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 4040	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 4042	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F2
R 4044	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F2
R 4046	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G2
R 4048	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G2
R 4049	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F2
R 4050	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F2
R 4051	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G2
R 4052	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G2
R 4053	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B2
R 4054	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4055	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4056	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D2
R 4057	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 4058	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G2
R 4059	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 4060	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4061	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4063	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 4065	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 4066	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4068	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 4069	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4070	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D2
R 4071	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B2
R 4072	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G2
R 4073	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F2
R 4074	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G2
R 4075	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B2
R 4076	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E2
R 4077	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B2
R 4078	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C2
R 4079	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F1
R 4080	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 4081	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D2
R 4081	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		4-	A	D2
R 4082	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 4083	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G2
R 4084	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F2
R 4085	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 4086	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 4087	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	C2
R 4088	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	F2
R 4089	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	B2
R 4090	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	F2
R 4091	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	D2
R 4092	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	G2
R 4093	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4094	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4095	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4096	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4097	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D2
R 4098	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 4099	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 4100	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E1
R 4101	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G2
R 4102	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G2
R 4103	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 4105	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1

LOCAL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4106	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 4107	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 4108	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4109	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4110	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4111	CHIP RES.	47	1/16W	0.5%	RGC1/16C470DTP	J24189396		1-	A	C1
R 4112	CHIP RES.	47	1/16W	0.5%	RGC1/16C470DTP	J24189396		1-	A	F1
R 4113	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D2
R 4114	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	G2
R 4115	CHIP RES.	47	1/16W	0.5%	RGC1/16C470DTP	J24189396		1-	A	C1
R 4116	CHIP RES.	47	1/16W	0.5%	RGC1/16C470DTP	J24189396		1-	A	C1
R 4117	CHIP RES.	47	1/16W	0.5%	RGC1/16C470DTP	J24189396		1-	A	F1
R 4118	CHIP RES.	47	1/16W	0.5%	RGC1/16C470DTP	J24189396		1-	A	F1
R 4119	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-3	A	D2
R 4120	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	G2
R 4121	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D2
R 4122	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	G2
R 4125	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	B1
R 4126	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	F1
R 4127	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C1
R 4128	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 4129	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 4130	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F1
R 4131	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C1
R 4132	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 4133	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 4134	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	B1
R 4135	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4136	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	F1
R 4137	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C2
R 4138	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B1
R 4139	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F2
R 4140	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E1
R 4141	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	C2
R 4142	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	F2
R 4143	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C1
R 4144	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F1
R 4145	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D1
R 4146	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	D1
R 4147	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H2
R 4148	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4149	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E2
R 4150	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 4151	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E2
R 4152	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E2
R 4153	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	H2
R 4154	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	H2
R 4155	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E2
R 4156	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4157	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H2
R 4158	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E2
R 4159	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 4160	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4161	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H2
R 4162	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4163	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 4164	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D1
R 4165	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4166	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D1
R 4167	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	D1
R 4168	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D1
R 4169	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D1
R 4170	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 4171	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 4171	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		4-	A	E3
R 4172	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H3
R 4173	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H3
R 4174	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D1
R 4175	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	G1
R 4176	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E3
R 4177	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H3
R 4178	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E3
R 4179	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-3	A	E3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4180	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H3
R 4181	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H3
R 4182	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E3
R 4183	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H3
R 4184	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	G1
R 4187	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 4188	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 4189	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E3
R 4190	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H3
R 4191	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H3
R 4192	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 4193	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4194	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 4195	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4196	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4197	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G1
R 4198	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	G1
R 4199	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4200	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	G1
R 4201	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G1
R 4202	CHIP RES.	39k	1/16W	1%	RMC1/16 393FTP	J24183393		1-	A	A2
R 4203	CHIP RES.	11k	1/16W	1%	RMC1/16 113FTP	J24183113		1-	A	A1
R 4204	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D1
R 4205	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	G1
R 4206	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	A1
R 4207	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	B1
R 4209	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 4210	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B1
R 4211	CHIP RES.	1.5k	1/16W	1%	RMC1/16 152FTP	J24183152		1-	A	A2
R 4212	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	B1
R 4213	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 4214	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B1
R 4215	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	B1
R 4217	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A1
R 4218	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B1
R 4219	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B1
R 4220	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 4221	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B1
R 4225	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	B1
R 4227	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E1
R 4230	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	H2
R 4232	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	B2
R 4233	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	H1
R 4234	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E1
R 4235	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	H1
R 4237	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	E1
R 4238	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	H1
R 4239	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 4241	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A2
R 4242	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	H1
R 4243	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 4244	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H1
R 4245	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E1
R 4246	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E1
R 4247	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	H1
R 4248	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4251	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1-	A	B2
R 4252	CHIP RES.	27k	1/16W	5%	RMC1/16 273JATP	J24185273		1-	A	H1
R 4254	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 4255	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	H1
R 4256	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	B2
R 4257	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	H1
R 4258	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A1
R 4259	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 4260	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 4261	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 4262	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4263	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4264	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4265	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G1
R 4266	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	G1
R 4267	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	G1
R 4268	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	G1

LOCAL Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4269	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	H1
R 4270	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	G1
R 4271	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G1
R 4272	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	G1
R 4273	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 4274	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 4275	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H1
R 4276	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H1
R 4277	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	H1
R 4281	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E1
R 4282	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		3-		
R 4283	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		3-		
T 4001	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	C1
T 4002	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	F1
T 4003	COIL 05RF				74.62M 010812302	L0022781		1-	A	A1
T 4004	COIL 05RF				74.62M 010812302	L0022781		1-	A	A2
TC4001	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	B3
TC4002	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	C3
TC4003	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	C3
TC4004	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	D3
TC4005	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	F3
TC4006	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	F3
TC4007	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	G3
TC4008	TRIMMER CAP.	6pF			ECR-JA006A11X	K91000251		1-	A	G3
TP4003	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E3
TP4004	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	H3
TP4039	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	A1
X 4001	TCXO	34.5MHz			TTS14VSB-A11 34.500MHZ	H9500970		1-	A	A1
	SHIELD CASE				(39X73)	RA0830100		1-		
	SHIELD CASE COVER				(39X73)	RA0830200		1-		

Circuit Diagram

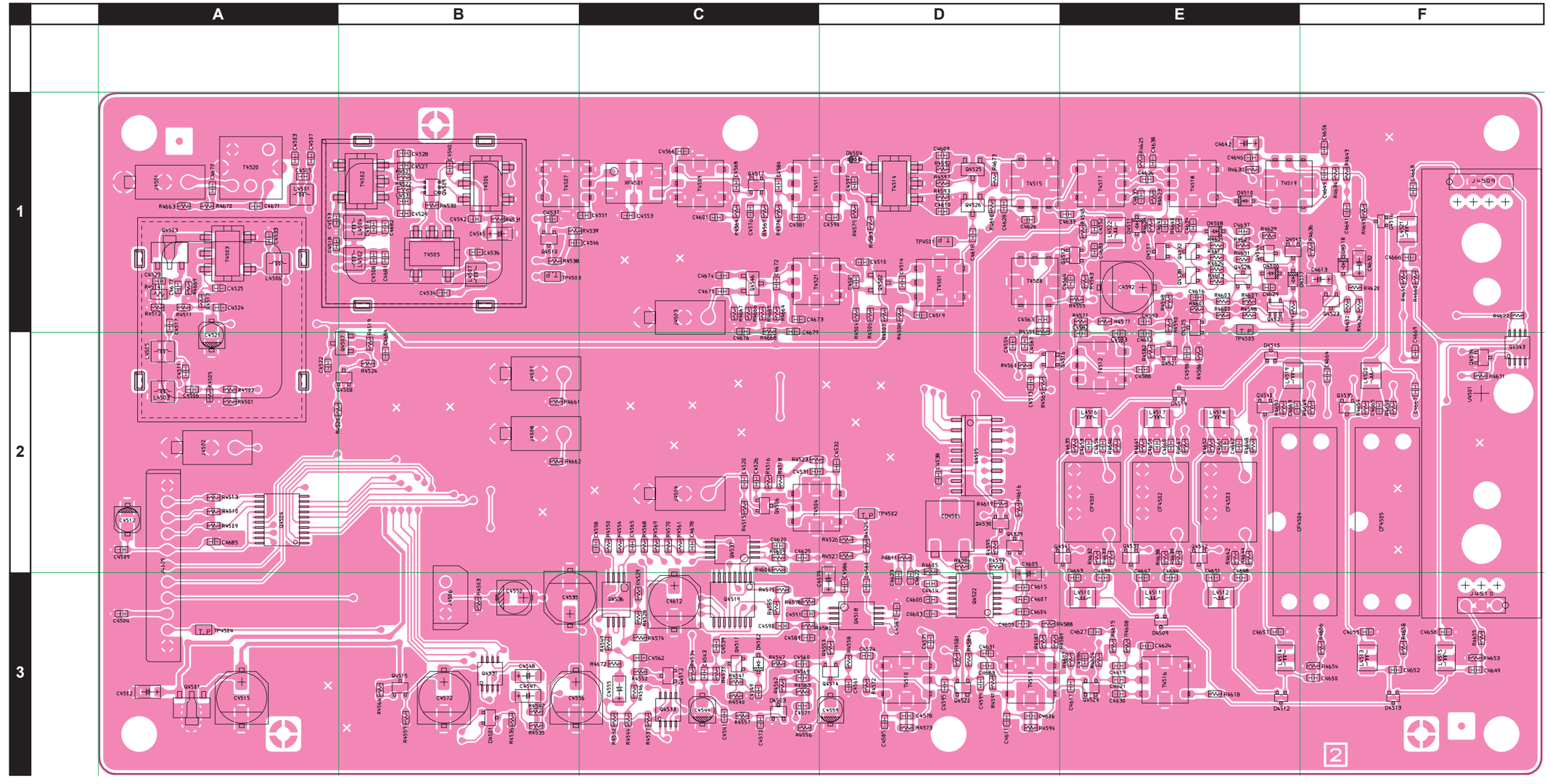
RX-2-UNIT (4501 - 4999)

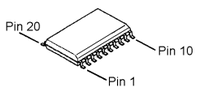
RX-2 Unit (Lot. 1~4)

Note

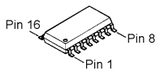
RX-2 Unit (Lot. 1~4)

Parts Layout (Side A)





NJU3714A
(Q4504)

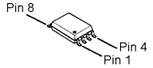


CD74HCT238M96
(Q4505)



CD74HCT4056PWR
(Q4519)

TA31136FNG
(Q4522)



LM2904PWR
(Q4536, 4537)

NJM2594V
(Q4518)

SN74LVC2G66DCTR
(Q4531, 4533)

TC4W53FU
(Q4543)



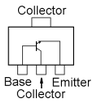
2SA1602A (MF)
(Q4530, 4532, 4538)

2SB624 (BV3)
(Q4507)



2SC2714 (QY)
(Q4502, 4546)

2SC4154 (E)
(Q4506, 4508, 4510, 4511, 4513, 4514, 4515, 4521, 4523, 4528, 4544, 4545)



2SC2954 (QK)
(Q4503)



SST310 (Z0)
(Q4525, 4526)



BB301CAW (AW)
(Q4512, 4516, 4517, 4520, 4524)



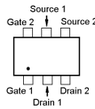
DTC114EUA (24)
(Q4529, 4534, 4535, 4539, 4540, 4541, 4542)



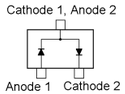
NJM78L05UA (8C)
(Q4501)



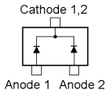
SN74LVC1G66DCKR
(Q4527)



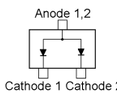
SPM5001
(Q4509)



1SS372 (N9)
(D4503, 4505)



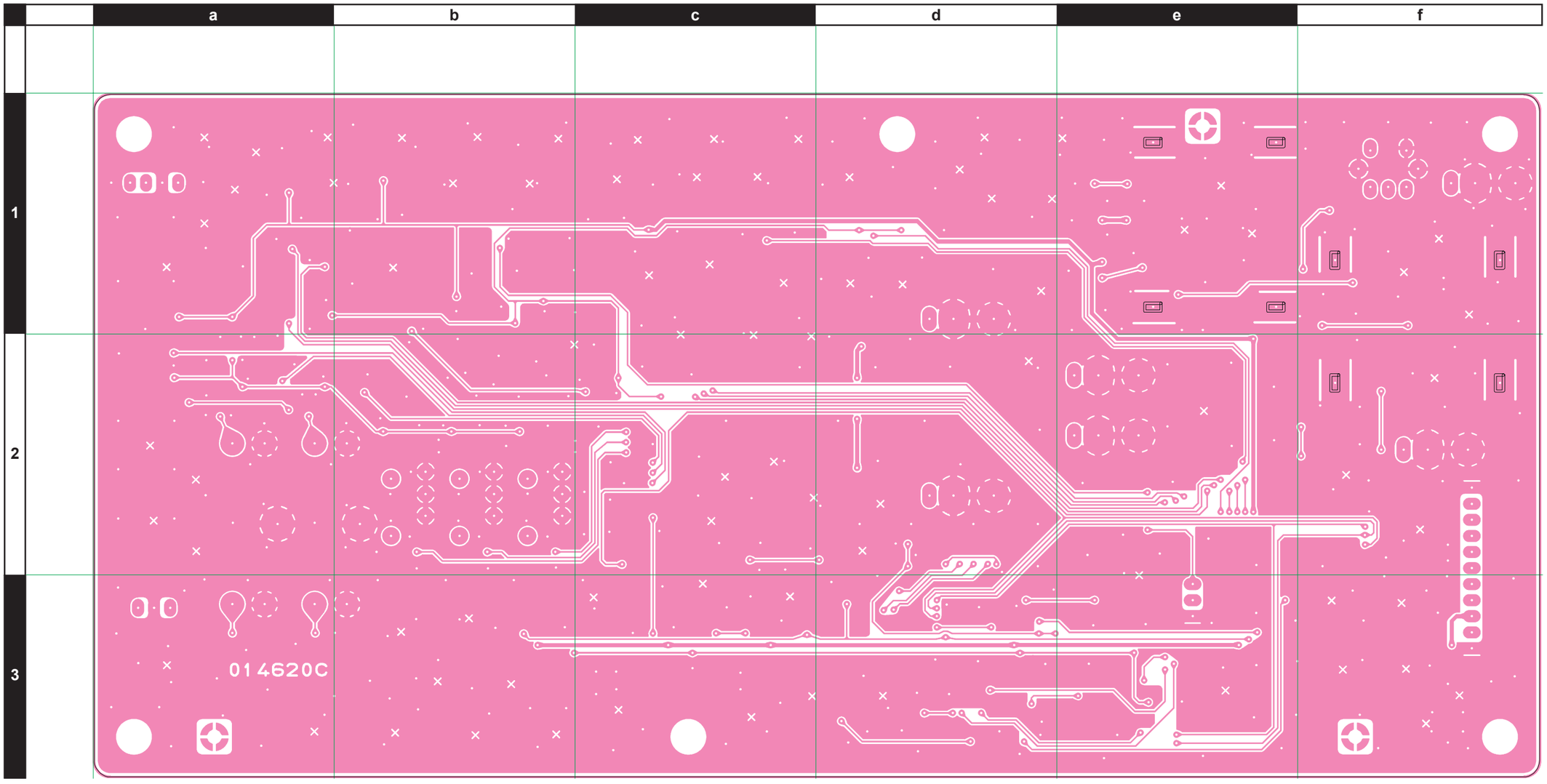
DAN202U (N)
(D4501, 4507)



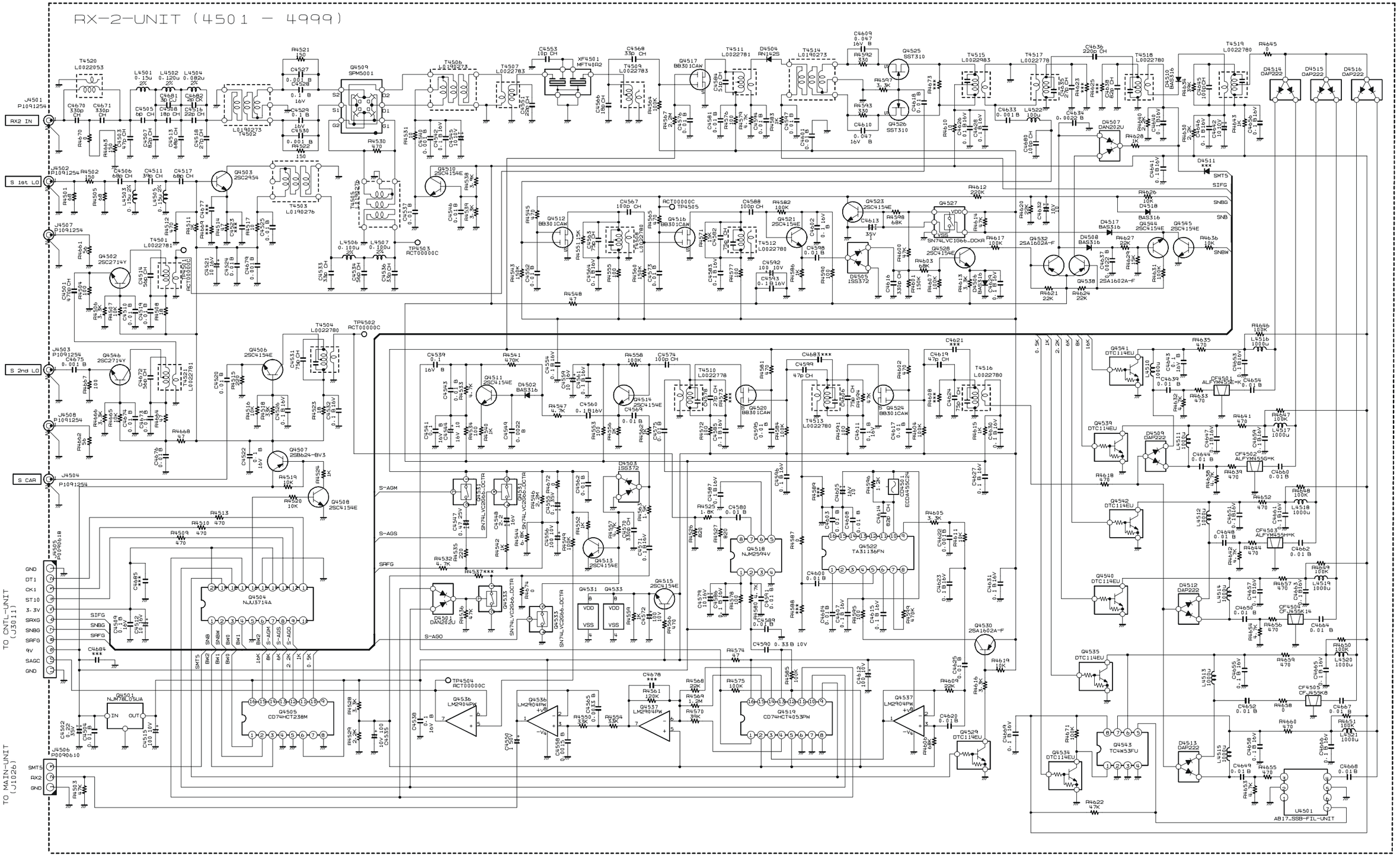
DAP222 (P)
(D4509, 4512, 4513, 4514, 4515, 4516)

RX-2 Unit (Lot. 1~4)

Parts Layout (Side B)



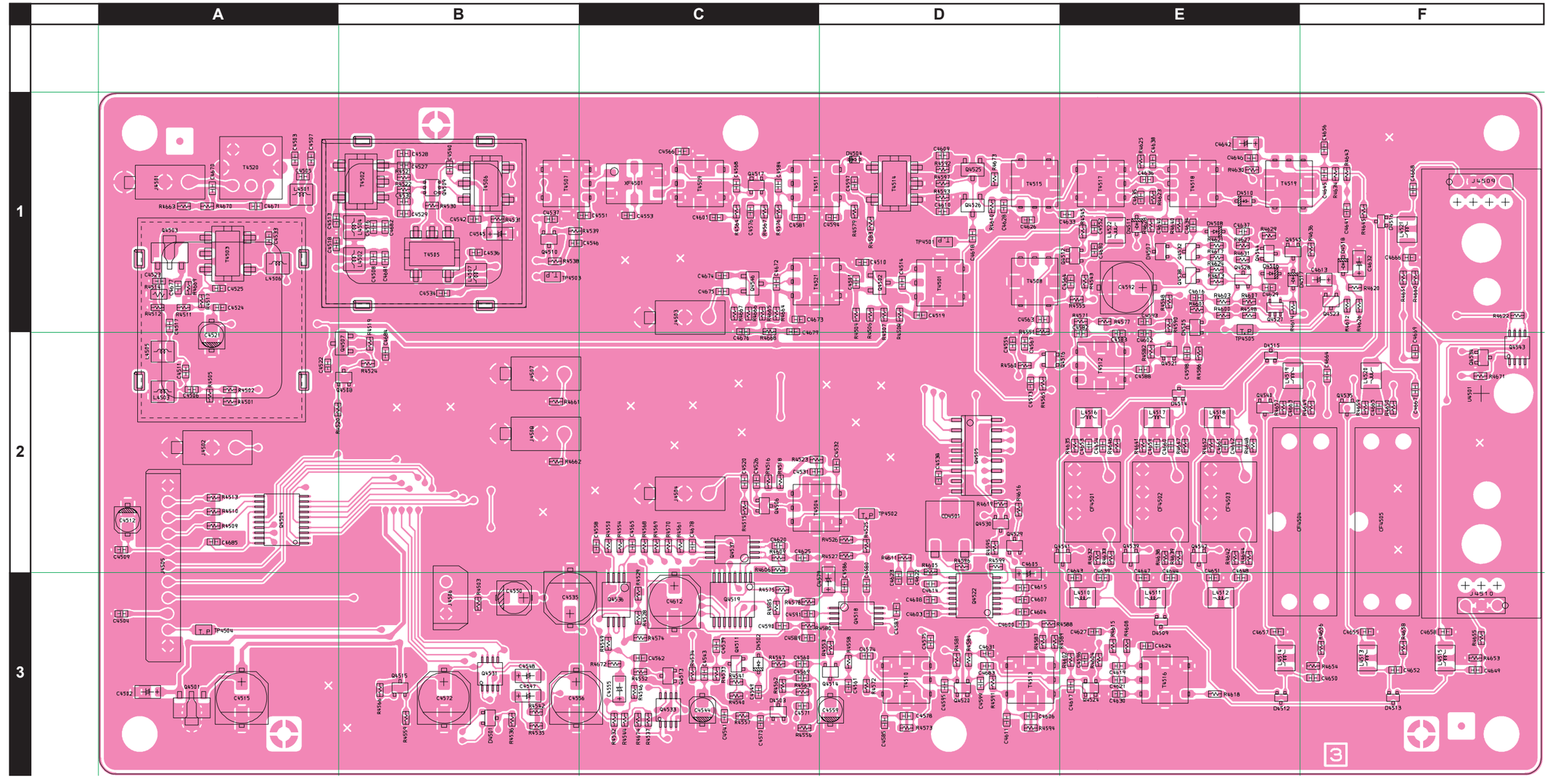
Circuit Diagram

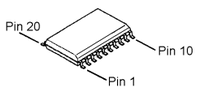


RX-2 Unit (Lot. 5~)

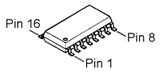
Note

Parts Layout (Side A)





NJU3714A
(Q4504)

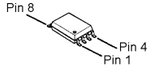


CD74HCT238M96
(Q4505)



CD74HCT4056PWR
(Q4519)

TA31136FNG
(Q4522)



LM2904PWR
(Q4536, 4537)

NJM2594V
(Q4518)

SN74LVC2G66DCTR
(Q4531, 4533)

TC4W53FU
(Q4543)



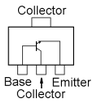
2SA1602A (MF)
(Q4530, 4532, 4538)

2SB624 (BV3)
(Q4507)



2SC2714 (QY)
(Q4502, 4546)

2SC4154 (E)
(Q4506, 4508, 4510, 4511, 4513, 4514, 4515, 4521, 4523, 4528, 4544, 4545)



2SC2954 (QK)
(Q4503)



SST310 (Z0)
(Q4525, 4526)



BB301CAW (AW)
(Q4512, 4516, 4517, 4520, 4524)



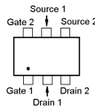
DTC114EUA (24)
(Q4529, 4534, 4535, 4539, 4540, 4541, 4542)



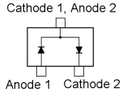
NJM78L05UA (8C)
(Q4501)



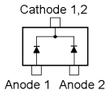
SN74LVC1G66DCKR
(Q4527)



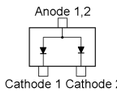
SPM5001
(Q4509)



1SS372 (N9)
(D4503, 4505)



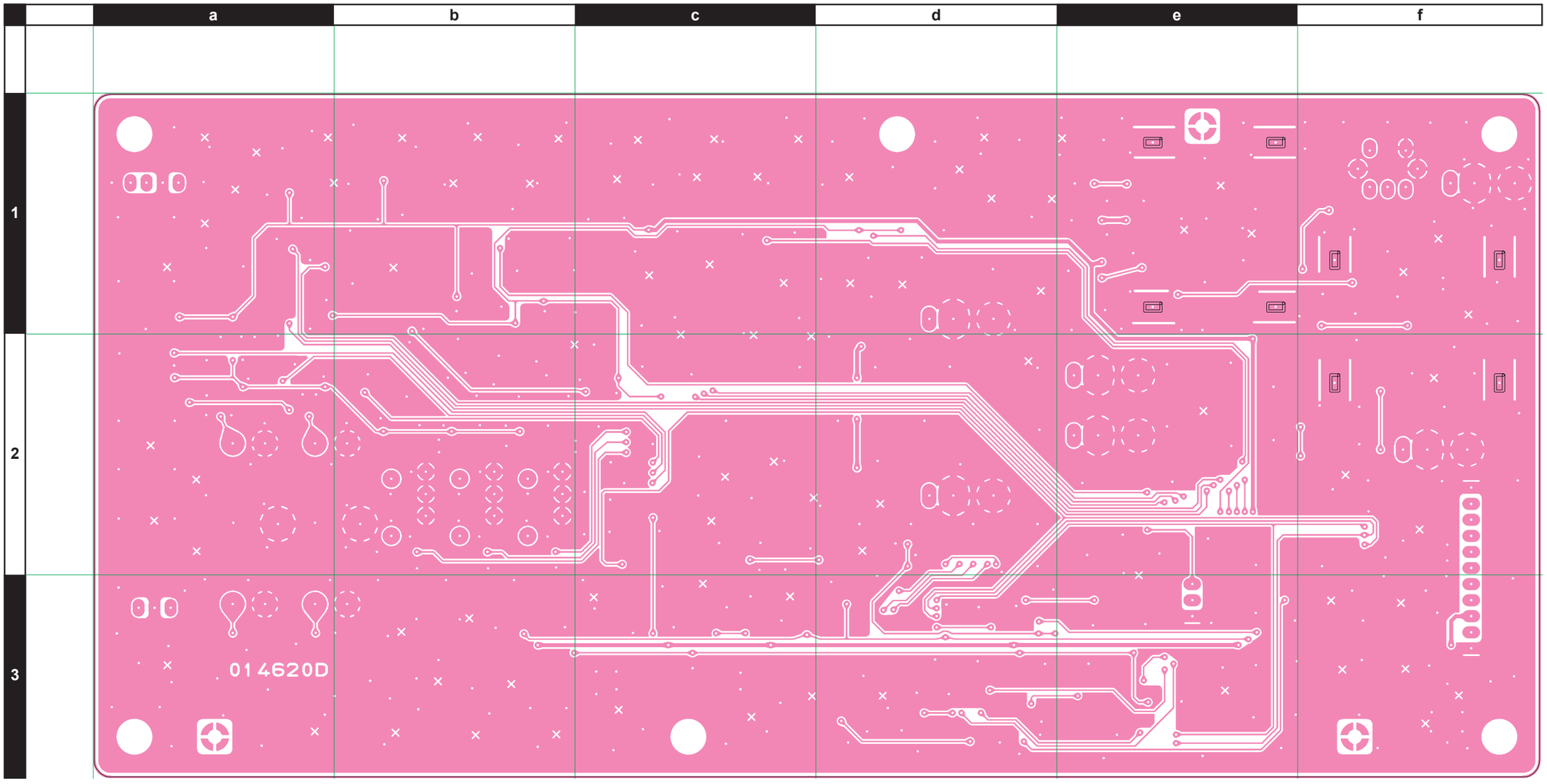
DAN202U (N)
(D4501, 4507)



DAP222 (P)
(D4509, 4512, 4513, 4514, 4515, 4516)

RX-2 Unit (Lot. 5~)

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3486001				
	Printed Circuit Board				AH025H000	FR014620C FR014620D		1- 5-		
C 4501	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	D1
C 4502	CHIP TA.CAP.	0.22uF	35V		TESVA1V224M1-8R	K78160027		1-	A	A3
C 4503	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	A1
C 4504	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 4505	CHIP CAP.	6pF	50V	CH	GRM1882C1H6R0DZ01D	K22174207		1-	A	A1
C 4506	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A2
C 4507	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	A1
C 4508	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	B1
C 4509	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4510	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4511	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	A2
C 4512	AL.ELECTRO.CAP.	10uF	16V		RV2-16V100MB55U-R	K48120014		1-	A	A2
C 4513	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A1
C 4514	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	D1
C 4515	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	A3
C 4516	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	B1
C 4517	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	A1
C 4518	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	A1
C 4519	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4520	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4521	AL.ELECTRO.CAP.	10uF	16V		RV2-16V100MB55U-R	K48120014		1-	A	A2
C 4522	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4524	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4525	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 4526	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 4527	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B1
C 4528	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 4529	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 4530	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	B1
C 4531	CHIP CAP.	75pF	50V	CH	GRM1882C1H750JZ01D	K22174232		1-	A	C2
C 4532	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 4533	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	A1
C 4534	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	B1
C 4535	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	B3
C 4536	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	B1
C 4537	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4538	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 4539	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 4540	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-2	A	B1
C 4541	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 4542	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-2	A	B1
C 4543	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4544	AL.ELECTRO.CAP.	10uF	16V		RV2-16V100MB55U-R	K48120014		1-	A	C3
C 4545	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	B1
C 4546	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 4547	CHIP TA.CAP.	0.47uF	25V		TESVA1E474M1-8R	K78140009		1-	A	B3
C 4548	CHIP TA.CAP.	2.2uF	16V		TEMSVA1C225M-8R	K78120015		1-	A	B3
C 4549	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	C3
C 4550	AL.ELECTRO.CAP.	1uF	50V		EEE1HA010SR	K48170027		1-	A	B3
C 4551	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C1
C 4552	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 4553	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	C1
C 4554	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 4555	CHIP TA.CAP.	0.1uF	35V		TESVA1V104M1-8R	K78160025		1-	A	C3
C 4556	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	B3
C 4558	CHIP CAP.	0.0015uF	50V	B	GRM188B11H152KA01D	K22174827		1-	A	C2
C 4559	AL.ELECTRO.CAP.	10uF	16V		RV2-16V100MB55U-R	K48120014		1-	A	D3
C 4560	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 4561	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4562	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4563	CHIP CAP.	75pF	50V	CH	GRM1882C1H750JZ01D	K22174232		1-	A	D1
C 4564	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4565	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174831		1-	A	C2
C 4566	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	C1
C 4567	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D2
C 4568	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C1
C 4569	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4570	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	C3
C 4571	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 4572	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	B3

RX-2 Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 4573	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 4574	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D3
C 4575	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4576	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4578	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D3
C 4579	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D3
C 4580	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4581	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4582	CHIP CAP.	75pF	50V	CH	GRM1882C1H750JZ01D	K22174232		1-	A	E2
C 4583	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4584	CHIP CAP.	51pF	50V	CH	GRM1882C1H510JZ01D	K22174228		1-	A	C1
C 4585	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4586	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4587	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4588	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	E2
C 4589	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4590	CHIP CAP.	0.33uF	10V	B	GRM188B11A334KA61D	K22104802		1-	A	C3
C 4591	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4592	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	E1
C 4593	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4594	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4595	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4596	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4597	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4598	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4599	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D3
C 4600	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4601	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4602	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4603	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4604	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4605	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D3
C 4606	CHIP CAP.	75pF	50V	CH	GRM1882C1H750JZ01D	K22174232		1-	A	D3
C 4607	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4608	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4609	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	D1
C 4610	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	D1
C 4611	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4612	AL.ELECTRO.CAP.	100uF	10V		RVZ-10V101MF55U-R2	K48100008		1-	A	C3
C 4613	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	F1
C 4614	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	D3
C 4615	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4616	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	E1
C 4617	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4618	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4619	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	E3
C 4620	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4622	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D3
C 4623	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4624	CHIP CAP.	75pF	50V	CH	GRM1882C1H750JZ01D	K22174232		1-	A	E3
C 4625	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4626	CHIP CAP.	0.01uF	16V	B	ECUV1C103KBV	K22129510		1-	A	D1
C 4627	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4628	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 4629	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4630	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4631	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D3
C 4632	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	F1
C 4633	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E1
C 4634	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	E1
C 4635	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	E1
C 4636	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	E1
C 4637	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	E1
C 4638	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	E1
C 4639	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4640	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4641	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F1
C 4642	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	A	E1
C 4643	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4644	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4645	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F1
C 4646	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 4647	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 4648	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 4649	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 4650	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 4651	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4652	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 4653	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4654	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4655	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 4656	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F1
C 4657	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 4658	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F3
C 4659	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4660	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4661	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4662	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4663	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 4664	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 4665	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 4666	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F1
C 4667	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 4668	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 4669	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 4670	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	A1
C 4671	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	A1
C 4672	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	C1
C 4673	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4674	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4675	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 4676	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 4679	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	C1
C 4680	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	E1
C 4681	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	B1
C 4682	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	B1
C 4686	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		3-		
C 4687	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		3-		
CD4501	CERAMIC DISC				ECDA455C24	H7901470		1-	A	D2
CF4501	CERAMIC FILTER				ALFYM455E=K	H3900543		1-	A	E2
CF4502	CERAMIC FILTER				ALFYM455G=K	H3900545		1-	A	E2
CF4503	CERAMIC FILTER				ALFYM455H=K	H3900542		1-	A	E2
CF4504	CERAMIC FILTER				CFJ455K14	H3900386		1-	A	F3
CF4505	CERAMIC FILTER				CFJ455K8	H3900553		1-	A	F3
D 4501	DIODE				DAN202U T106	G2070162		1-	A	B3
D 4502	DIODE				BAS316	G2070716		1-	A	C3
D 4503	DIODE				1SS372(TE85R.F)	G2070632		1-	A	C3
D 4504	DIODE				RN142S TE61	G2070994		1-	A	D1
D 4505	DIODE				1SS372(TE85R.F)	G2070632		1-	A	E1
D 4506	DIODE				BAS316	G2070716		1-	A	E1
D 4507	DIODE				DAN202U T106	G2070162		1-	A	E1
D 4508	DIODE				BAS316	G2070716		1-	A	E1
D 4509	DIODE				DAP222-TL	G2070432		1-	A	E3
D 4510	DIODE				BAS316	G2070716		1-	A	E1
D 4512	DIODE				DAP222-TL	G2070432		1-	A	E3
D 4513	DIODE				DAP222-TL	G2070432		1-	A	F3
D 4514	DIODE				DAP222-TL	G2070432		1-	A	E2
D 4515	DIODE				DAP222-TL	G2070432		1-	A	E2
D 4516	DIODE				DAP222-TL	G2070432		1-	A	F1
D 4517	DIODE				BAS316	G2070716		1-	A	E1
D 4518	DIODE				BAS316	G2070716		1-	A	F1
J 4501	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	A1
J 4502	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	A2
J 4503	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	C1
J 4504	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	C2
J 4505	CONNECTOR				SB20-11WS	P0090618		1-	A	A2
J 4506	CONNECTOR				SB20-03WS	P0090610		1-	A	B3
J 4507	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	B2
J 4508	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	B2
J 4509	CONNECTOR				9210B-1-03Z172-T	P0091282		1-		
J 4510	CONNECTOR				9210B-1-04Z172-T	P0091283		1-		
L 4501	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	A1
L 4502	CHIP COIL	0.12uH		2%	C2520C-R12G	L1691295		1-	A	B1
L 4503	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	A2
L 4504	CHIP COIL	0.082uH		2%	C2520C-82NG	L1691293		1-	A	B1
L 4505	CHIP COIL	0.15uH		2%	C2520C-R15G	L1691296		1-	A	A2

RX-2 Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
L 4506	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	A1
L 4507	CHIP COIL	0.1uH		2%	C2520C-R10G	L1691294		1-	A	B1
L 4510	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E3
L 4511	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E3
L 4512	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E3
L 4513	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	F3
L 4514	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E3
L 4515	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	F3
L 4516	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E2
L 4517	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E2
L 4518	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E2
L 4519	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	E2
L 4520	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	F2
L 4521	M.RFC	1000uH			LLM3225-102J	L1691157		1-	A	F1
L 4522	M.RFC	100uH			LLM3225-101J	L1691145		1-	A	E1
Q 4501	IC				NJM78L05UA-TE1	G1091325		1-	A	A3
Q 4502	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	D1
Q 4503	TRANSISTOR				2SC2954-T2	G3329547		1-	A	A1
Q 4504	IC				NJU3714A(TAPE)	G1094291		1-	A	A2
Q 4505	IC				CD74HCT238M96	G1093850		1-	A	D2
Q 4506	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C2
Q 4507	TRANSISTOR				2SB624-T2B BV3	G3206247C		1-	A	B2
Q 4508	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	B2
Q 4509	IC				SPM5001-TL-E	G1093686		1-	A	B1
Q 4510	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	B1
Q 4511	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C3
Q 4512	IC				BB301CAW-TL	G1093186		1-	A	E1
Q 4513	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	C3
Q 4514	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	D3
Q 4515	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	B3
Q 4516	IC				BB301CAW-TL	G1093186		1-	A	D2
Q 4517	IC				BB301CAW-TL	G1093186		1-	A	C1
Q 4518	IC				NJM2594V-TE1	G1093750		1-	A	D3
Q 4519	IC				CD74HCT4053PWR	G1094273		1-	A	C3
Q 4520	IC				BB301CAW-TL	G1093186		1-	A	D3
Q 4521	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E2
Q 4522	IC				TA31136FNG(EL)	G1091605		1-	A	D3
Q 4523	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	F1
Q 4524	IC				BB301CAW-TL	G1093186		1-	A	E3
Q 4525	FET				SST310-T1	G4070009		1-	A	D1
Q 4526	FET				SST310-T1	G4070009		1-	A	D1
Q 4527	IC				SN74LVC1G66DCKR	G1094046		1-	A	E1
Q 4528	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E1
Q 4529	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	D2
Q 4530	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	D2
Q 4531	IC				SN74LVC2G66DCTR	G1094049		1-	A	B3
Q 4532	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E1
Q 4533	IC				SN74LVC2G66DCTR	G1094049		1-	A	C3
Q 4534	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F2
Q 4535	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	F2
Q 4536	IC				LM2904PWR	G1094010		1-	A	C3
Q 4537	IC				LM2904PWR	G1094010		1-	A	C2
Q 4538	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	E1
Q 4539	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	E2
Q 4540	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	E2
Q 4541	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	E2
Q 4542	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	E2
Q 4543	IC				TC4W53FU(TE12L_F)	G1091675		1-	A	F2
Q 4544	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E1
Q 4545	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	E1
Q 4546	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	C1
R 4501	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	A2
R 4501	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		4-	A	A2
R 4502	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	A2
R 4502	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		4-	A	A2
R 4503	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B3
R 4504	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 4505	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	A2
R 4505	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		4-	A	A2
R 4506	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	D1
R 4507	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 4508	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	D1
R 4509	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4510	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 4511	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A1
R 4512	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A1
R 4513	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 4514	CHIP RES.	47	1/10W	5%	RMC1/10T 470J	J24205470		1-	A	A1
R 4515	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C2
R 4516	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 4517	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	A1
R 4518	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C2
R 4519	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B2
R 4520	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 4521	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	B1
R 4522	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	B1
R 4523	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	C2
R 4524	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 4525	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	D2
R 4526	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	D2
R 4527	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	D2
R 4528	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C3
R 4529	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C3
R 4530	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B1
R 4531	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B1
R 4532	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 4533	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 4534	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 4535	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B3
R 4536	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B3
R 4538	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	B1
R 4539	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B1
R 4540	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C3
R 4541	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	C3
R 4542	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B3
R 4543	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	E1
R 4544	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C3
R 4545	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E1
R 4546	CHIP RES.	2.2M	1/16W	5%	RMC1/16 225JATP	J24185225		1-	A	C3
R 4547	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 4548	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	E1
R 4549	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3
R 4550	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C2
R 4551	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	D1
R 4552	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C3
R 4553	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 4554	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C2
R 4555	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E1
R 4556	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C3
R 4557	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 4558	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 4559	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B3
R 4560	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	D2
R 4561	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	A	C2
R 4562	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C3
R 4563	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	C3
R 4564	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C1
R 4565	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D2
R 4566	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	B3
R 4567	CHIP RES.	2.2M	1/16W	5%	RMC1/16 225JATP	J24185225		1-	A	C1
R 4568	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C2
R 4569	CHIP RES.	1.2M	1/16W	5%	RMC1/16 125JATP	J24185125		1-	A	C2
R 4570	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	C2
R 4571	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	E1
R 4572	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 4574	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C3
R 4575	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3
R 4576	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 4577	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E1
R 4578	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 4579	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 4580	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 4581	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D3
R 4582	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E2
R 4583	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D1
R 4583	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		4-	A	D1

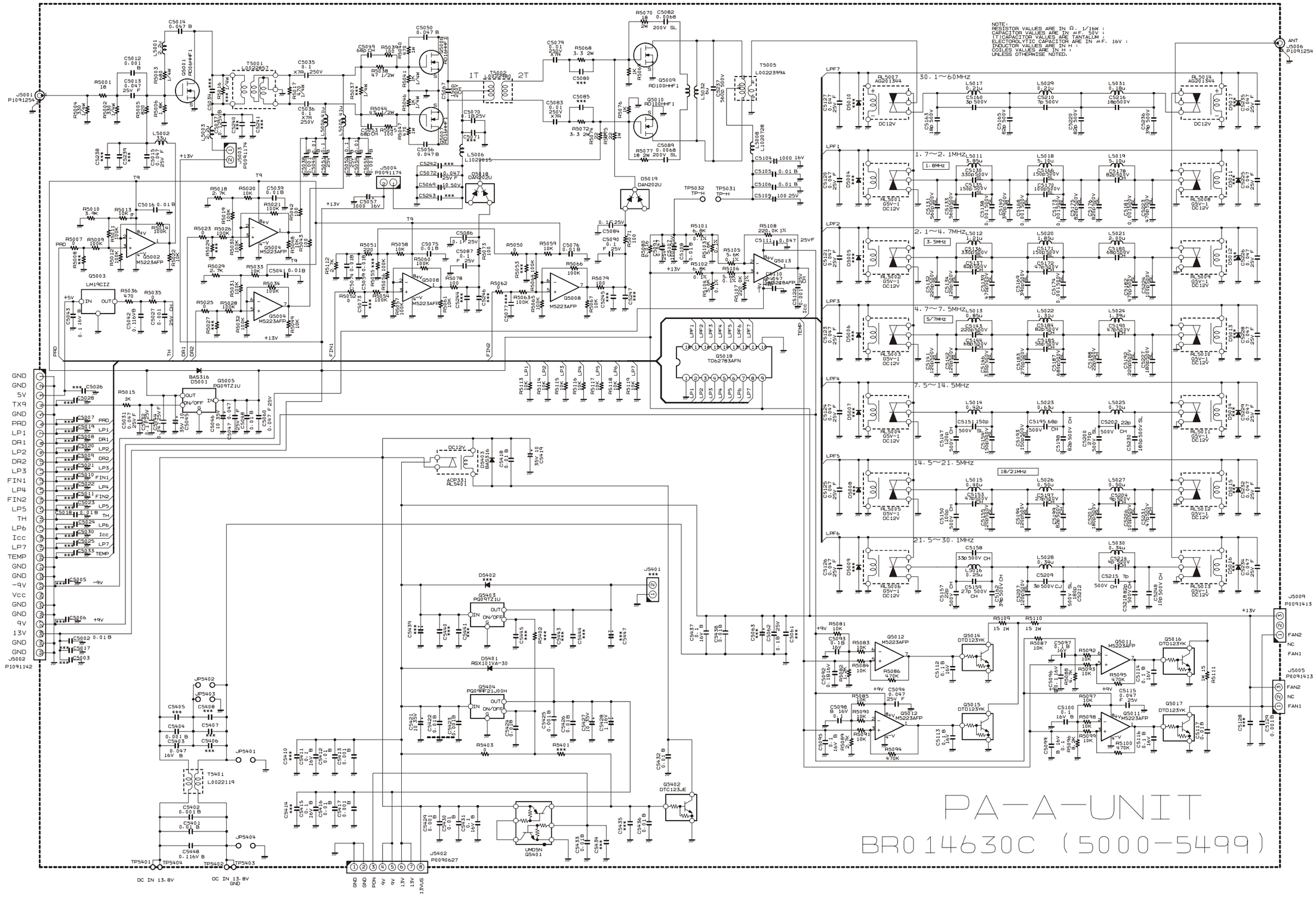
RX-2 Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4584	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 4585	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C3
R 4586	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E2
R 4587	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D3
R 4590	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E1
R 4591	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 4592	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	D1
R 4593	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	D1
R 4594	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	D3
R 4595	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 4596	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	D2
R 4597	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	D1
R 4598	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	E1
R 4599	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	D2
R 4600	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E1
R 4601	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	E1
R 4602	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E3
R 4603	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	E1
R 4604	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E3
R 4605	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	D2
R 4606	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	C2
R 4607	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E1
R 4609	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C2
R 4610	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D1
R 4611	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D2
R 4612	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1-	A	F1
R 4613	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	E1
R 4614	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E1
R 4615	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E3
R 4616	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	D2
R 4617	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E1
R 4618	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E3
R 4619	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D2
R 4620	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	F1
R 4621	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E1
R 4622	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	F1
R 4624	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E1
R 4626	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F1
R 4627	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	E1
R 4628	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 4629	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	E1
R 4630	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E1
R 4631	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E1
R 4632	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 4633	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4634	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	F1
R 4635	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4636	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F1
R 4638	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 4639	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4640	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E1
R 4641	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4642	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 4643	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 4644	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4645	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F1
R 4646	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E2
R 4647	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E2
R 4648	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E2
R 4649	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 4650	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 4651	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F1
R 4652	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4653	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 4654	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 4655	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F3
R 4656	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F3
R 4657	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4658	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F3
R 4659	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F2
R 4660	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F1
R 4661	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	A	B2
R 4662	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	A	B2

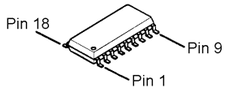
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 4663	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	A1
R 4664	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4665	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1
R 4666	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C1
R 4667	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C1
R 4668	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1
R 4670	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 4671	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F2
R 4672	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C3
R 4673	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		4-	A	D1
R 4674	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-		
T 4501	COIL 05RF				74.62M 010812302	L0022781		1-	A	D1
T 4502	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	B1
T 4503	BALUN TRANSFOMERS				#458PT-1586	L0190276		1-	A	A1
T 4504	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	C2
T 4505	BALUN TRANSFOMERS				#458PT-1586	L0190276		1-	A	B1
T 4506	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	B1
T 4507	COIL 05RF				50M 010812304	L0022783		1-	A	B1
T 4508	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	D1
T 4509	COIL 05RF				50M 010812304	L0022783		1-	A	C1
T 4510	COIL 05RF	455kHz			455K 030812470	L0022778		1-	A	D3
T 4511	COIL 05RF				74.62M 010812302	L0022781		1-	A	C1
T 4512	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	E2
T 4513	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	D3
T 4514	BALUN TRANSFOMERS				#458PT-1565	L0190273		1-	A	D1
T 4515	COIL 05RF	455kHz			455K 060812596	L0022983		1-	A	D1
T 4516	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	E3
T 4517	COIL 05RF	455kHz			455K 030812470	L0022778		1-	A	E1
T 4518	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	E1
T 4519	COIL 05RF	455kHz			455K 030812471	L0022780		1-	A	E1
T 4520	COIL 07RF	160MHz			160M R12-K905X	L0022053		1-	A	A1
T 4521	COIL 05RF				74.62M 010812302	L0022781		1-	A	C1
TP4501	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	D1
TP4502	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	D2
TP4503	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	B1
TP4504	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	A3
TP4505	CHECK TERMINAL				RCT00000C	Q5000103		1-	A	E1
XF4501	XTAL FILTER				MFT40R2 40.455MHz 15kHz	H1102386		1-	A	C1
	SHIELD CASE				(21X25)	RA0830300		1-		
	SHIELD CASE COVER				(21X25)	RA0830400		1-		

Note:

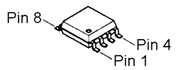

NOTE:
RESISTOR VALUES ARE IN Ω. 1/16W :
CAPACITOR VALUES ARE IN μF. 50V :
(T)CAPACITOR VALUES ARE TANTALUM :
ELECTOROLYTIC CAPACITORS ARE IN μF. 16V :
INDUCTOR VALUES ARE IN H :
COILES VALUES ARE IN H :
UNLESS OTHERWISE NOTED.
ANT
J5006
P1091254
J5001
P1091254
LPF7
30.1~60MHz
LPF1
1.7~2.1MHz
1.8MHz
LPF2
2.1~4.7MHz
3.5MHz
LPF3
4.7~7.5MHz
5/7MHz
LPF4
7.5~14.5MHz
LPF5
14.5~21.5MHz
18/21MHz
LPF6
21.5~30.1MHz
J5009
P0091413
FAN2
NC
FAN1
J5005
P0091413
FAN2
NC
FAN1
PA-A-UNIT
BR0 14630C (5000-5499)
J5002
P1091142
GND
GND
5V
TX9
GND
PRD
LP1
DR1
LP2
DR2
LP3
FIN1
LP4
FIN2
LP5
TH
LP6
Icc
LP7
TEMP
GND
GND
-9V
Vcc
GND
GND
9V
13V
GND
GND
J5402
P0090627
GND
GND
PON
9V
9V
13V
13V
13VUS
DC IN 13.8V
DC IN 13.8V
GND

PA-A Unit

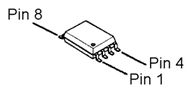
Note



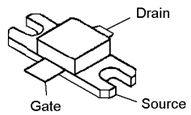
TD62783AFN
(Q5018)



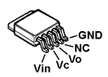
M5223AFP 600C
(Q5002, 5004, 5008, 5011, 5012)



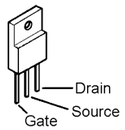
M5218AFP
(Q5013)



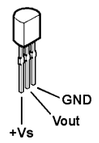
RD100HHF1
(Q5009, 5010)



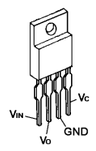
PQ09TZ1U
(Q5005)



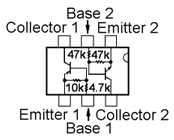
RD06HHF
(Q5001)



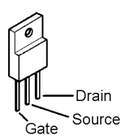
LM19CIZ
(Q5003)



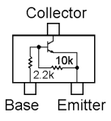
PQ09RF21
(Q5404)



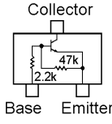
UMD5N
(Q5401)



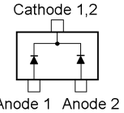
RD16HHF1
(Q5006, 5007)



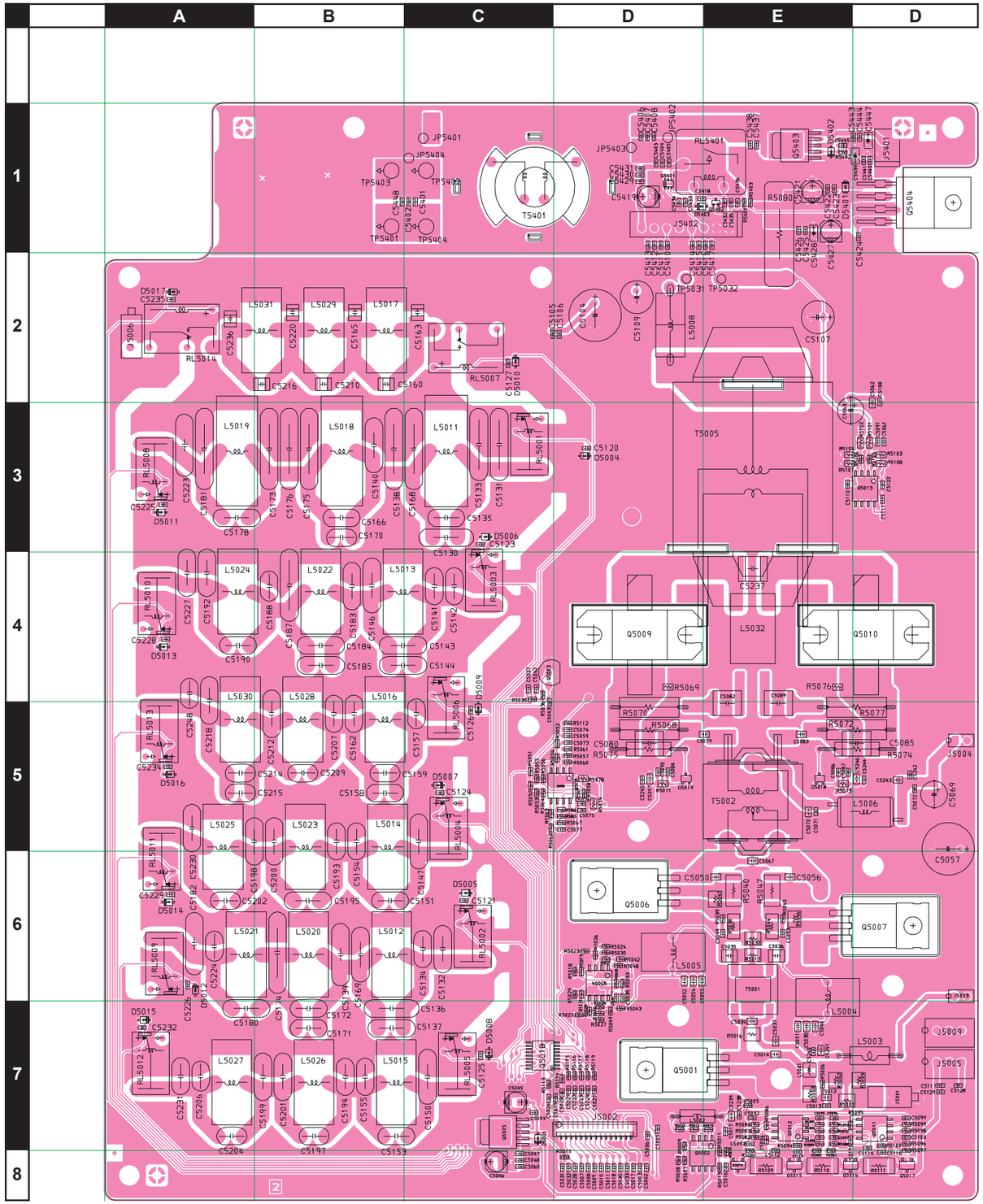
DTD123YK (F62)
(Q5014, 5015, 5016, 5017)



DTC123JE (E42)
(Q5402)

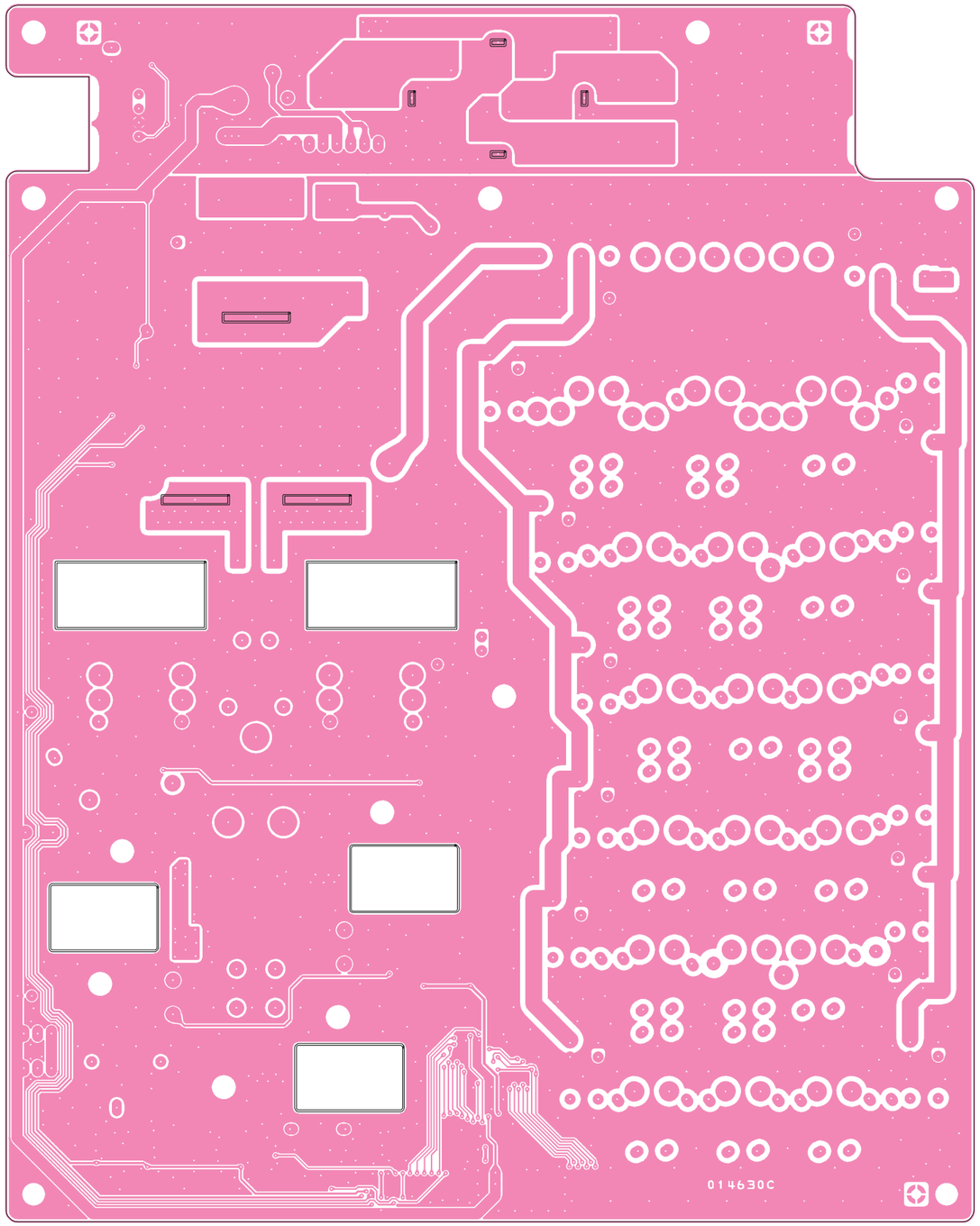


DAN202U (N)
(D5018, 5019)


A
B
C
D
E
D
1
2
3
4
5
6
7
8
JP5401
JP5404
JP5403
TP5403
TP5404
TP5401
T5401
RL5401
Q5403
D5402
J5401
Q5402
R5080
Q5401
TP5031
TP5032
C5107
C5109
L5008
C5105
C5106
C5104
D5017
C5235
J5006
RL5014
L5031
L5029
L5017
C5236
C5220
C5165
C5163
C5216
C5210
C5160
RL5007
C5127
C5010
L5019
L5018
L5011
RL5008
C5223
C5225
D5011
C5181
C5173
C5176
C5175
C5178
C5140
C5138
C5168
C5166
C5170
C5133
C5131
C5135
C5130
C5120
D5004
RL5001
T5005
D5006
C5123
RL5003
L5024
L5022
L5013
RL5010
C5227
C5228
D5013
C5192
C5188
C5187
C5190
C5183
C5146
C5184
C5185
C5141
C5142
C5143
C5144
C5237
Q5009
L5032
Q5010
L5030
L5028
L5016
RL5013
C5218
C5234
D5016
C5212
C5214
C5215
C5207
C5209
C5162
C5159
C5157
C5158
D5007
C5124
RL5004
R5069
R5070
R5068
R5076
R5077
R5072
R5074
C5080
R5075
C5085
J5004
C5069
C5057
T5002
L5006
L5025
L5023
L5014
RL5011
C5229
D5014
C5230
C5182
C5198
C5200
C5202
C5193
C5154
C5195
C5151
C5147
D5005
C5121
RL5002
C5050
C5056
Q5006
Q5007
L5021
L5020
L5012
RL5009
C5224
C5226
D5012
C5174
C5194
C5169
C5134
C5132
C5136
C5172
C5180
C5137
C5171
L5005
T5001
L5004
L5003
J5009
J5005
D5015
C5232
RL5012
L5027
L5026
L5015
C5231
C5206
C5199
C5201
C5204
C5197
C5153
C5125
D5008
C5159
J5002
Q5001
C5045
C5046
C5047
C5048
C5049
C5050
C5051
C5052
C5053
C5054
C5055
C5056
C5057
C5058
C5059
C5060
C5061
C5062
C5063
C5064
C5065
C5066
C5067
C5068
C5069
C5070
C5071
C5072
C5073
C5074
C5075
C5076
C5077
C5078
C5079
C5080
C5081
C5082
C5083
C5084
C5085
C5086
C5087
C5088
C5089
C5090
C5091
C5092
C5093
C5094
C5095
C5096
C5097
C5098
C5099
C5100
C5101
C5102
C5103
C5104
C5105
C5106
C5107
C5108
C5109
C5110
C5111
C5112
C5113
C5114
C5115
C5116
C5117
C5118
C5119
C5120
C5121
C5122
C5123
C5124
C5125
C5126
C5127
C5128
C5129
C5130
C5131
C5132
C5133
C5134
C5135
C5136
C5137
C5138
C5139
C5140
C5141
C5142
C5143
C5144
C5145
C5146
C5147
C5148
C5149
C5150
C5151
C5152
C5153
C5154
C5155
C5156
C5157
C5158
C5159
C5160
C5161
C5162
C5163
C5164
C5165
C5166
C5167
C5168
C5169
C5170
C5171
C5172
C5173
C5174
C5175
C5176
C5177
C5178
C5179
C5180
C5181
C5182
C5183
C5184
C5185
C5186
C5187
C5188
C5189
C5190
C5191
C5192
C5193
C5194
C5195
C5196
C5197
C5198
C5199
C5200
C5201
C5202
C5203
C5204
C5205
C5206
C5207
C5208
C5209
C5210
C5211
C5212
C5213
C5214
C5215
C5216
C5217
C5218
C5219
C5220
C5221
C5222
C5223
C5224
C5225
C5226
C5227
C5228
C5229
C5230
C5231
C5232
C5233
C5234
C5235
C5236
C5237
C5238
C5239
C5240
C5241
C5242
C5243
C5244
C5245
C5246
C5247
C5248
C5249
C5250
C5251
C5252
C5253
C5254
C5255
C5256
C5257
C5258
C5259
C5260
C5261
C5262
C5263
C5264
C5265
C5266
C5267
C5268
C5269
C5270
C5271
C5272
C5273
C5274
C5275
C5276
C5277
C5278
C5279
C5280
C5281
C5282
C5283
C5284
C5285
C5286
C5287
C5288
C5289
C5290
C5291
C5292
C5293
C5294
C5295
C5296
C5297
C5298
C5299
C5300
C5301
C5302
C5303
C5304
C5305
C5306
C5307
C5308
C5309
C5310
C5311
C5312
C5313
C5314
C5315
C5316
C5317
C5318
C5319
C5320
C5321
C5322
C5323
C5324
C5325
C5326
C5327
C5328
C5329
C5330
C5331
C5332
C5333
C5334
C5335
C5336
C5337
C5338
C5339
C5340
C5341
C5342
C5343
C5344
C5345
C5346
C5347
C5348
C5349
C5350
C5351
C5352
C5353
C5354
C5355
C5356
C5357
C5358
C5359
C5360
C5361
C5362
C5363
C5364
C5365
C5366
C5367
C5368
C5369
C5370
C5371
C5372
C5373
C5374
C5375
C5376
C5377
C5378
C5379
C5380
C5381
C5382
C5383
C5384
C5385
C5386
C5387
C5388
C5389
C5390
C5391
C5392
C5393
C5394
C5395
C5396
C5397
C5398
C5399
C5400
C5401
C5402
C5403
C5404
C5405
C5406
C5407
C5408
C5409
C5410
C5411
C5412
C5413
C5414
C5415
C5416
C5417
C5418
C5419
C5420
C5421
C5422
C5423
C5424
C5425
C5426
C5427
C5428
C5429
C5430
C5431
C5432
C5433
C5434
C5435
C5436
C5437
C5438
C5439
C5440
C5441
C5442
C5443
C5444
C5445
C5446
C5447
C5448
C5449
C5450
C5451
C5452
C5453
C5454
C5455
C5456
C5457
C5458
C5459
C5460
C5461
C5462
C5463
C5464
C5465
C5466
C5467
C5468
C5469
C5470
C5471
C5472
C5473
C5474
C5475
C5476
C5477
C5478
C5479
C5480
C5481
C5482
C5483
C5484
C5485
C5486
C5487
C5488
C5489
C5490
C5491
C5492
C5493
C5494
C5495
C5496
C5497
C5498
C5499
C5500
C5501
C5502
C5503
C5504
C5505
C5506
C5507
C5508
C5509
C5510
C5511
C5512
C5513
C5514
C5515
C5516
C5517
C5518
C5519
C5520
C5521
C5522
C5523
C5524
C5525
C5526
C5527
C5528
C5529
C5530
C5531
C5532
C5533
C5534
C5535
C5536
C5537
C5538
C5539
C5540
C5541
C5542
C5543
C5544
C5545
C5546
C5547
C5548
C5549
C5550
C5551
C5552
C5553
C5554
C5555
C5556
C5557
C5558
C5559
C5560
C5561
C5562
C5563
C5564
C5565
C5566
C5567
C5568
C5569
C5570
C5571
C5572
C5573
C5574
C5575
C5576
C5577
C5578
C5579
C5580
C5581
C5582
C5583
C5584
C5585
C5586
C5587
C5588
C5589
C5590
C5591
C5592
C5593
C5594
C5595
C5596
C5597
C5598
C5599
C5600
C5601
C5602
C5603
C5604
C5605
C5606
C5607
C5608
C5609
C5610
C5611
C5612
C5613
C5614
C5615
C5616
C5617
C5618
C5619
C5620
C5621
C5622
C5623
C5624
C5625
C5626
C5627
C5628
C5629
C5630
C5631
C5632
C5633
C5634
C5635
C5636
C5637
C5638
C5639
C5640
C5641
C5642
C5643
C5644
C5645
C5646
C5647
C5648
C5649
C5650
C5651
C5652
C5653
C5654
C5655
C5656
C5657
C5658
C5659
C5660
C5661
C5662
C5663
C5664
C5665
C5666
C5667
C5668
C5669
C5670
C5671
C5672
C5673
C5674
C5675
C5676
C5677
C5678
C5679
C5680
C5681
C5682
C5683
C5684
C5685
C5686
C5687
C5688
C5689
C5690
C5691
C5692
C5693
C5694
C5695
C5696
C5697
C5698
C5699
C5700
C5701
C5702
C5703
C5704
C5705
C5706
C5707
C5708
C5709
C5710
C5711
C5712
C5713
C5714
C5715
C5716
C5717
C5718
C5719
C5720
C5721
C5722
C5723
C5724
C5725
C5726
C5727
C5728
C5729
C5730
C5731
C5732
C5733
C5734
C5735
C5736
C5737
C5738
C5739
C5740
C5741
C5742
C5743
C5744
C5745
C5746
C5747
C5748
C5749
C5750
C5751
C5752
C5753
C5754
C5755
C5756
C5757
C5758
C5759
C5760
C5761
C5762
C5763
C5764
C5765
C5766
C5767
C5768
C5769
C5770
C5771
C5772
C5773
C5774
C5775
C5776
C5777
C5778
C5779
C5780
C5781
C5782
C5783
C5784
C5785
C5786
C5787
C5788
C5789
C5790
C5791
C5792
C5793
C5794
C5795
C5796
C5797
C5798
C5799
C5800
C5801
C5802
C5803
C5804
C5805
C5806
C5807
C5808
C5809
C5810
C5811
C5812
C5813
C5814
C5815
C5816
C5817
C5818
C5819
C5820
C5821
C5822
C5823
C5824
C5825
C5826
C5827
C5828
C5829
C5830
C5831
C5832
C5833
C5834
C5835
C5836
C5837
C5838
C5839
C5840
C5841
C5842
C5843
C5844
C5845
C5846
C5847
C5848
C5849
C5850
C5851
C5852
C5853
C5854
C5855
C5856
C5857
C5858
C5859
C5860
C5861
C5862
C5863
C5864
C5865
C5866
C5867
C5868
C5869
C5870
C5871
C5872
C5873
C5874
C5875
C5876
C5877
C5878
C5879
C5880
C5881
C5882
C5883
C5884
C5885
C5886
C5887
C5888
C5889
C5890
C5891
C5892
C5893
C5894
C5895
C5896
C5897
C5898
C5899
C5900
C5901
C5902
C5903
C5904
C5905
C5906
C5907
C5908
C5909
C5910
C5911
C5912
C5913
C5914
C5915
C5916
C5917
C5918
C5919
C5920
C5921
C5922
C5923
C5924
C5925
C5926
C5927
C5928
C5929
C5930
C5931
C5932
C5933
C5934
C5935
C5936
C5937
C5938
C5939
C5940
C5941
C5942
C5943
C5944
C5945
C5946
C5947
C5948
C5949
C5950
C5951
C5952
C5953
C5954
C5955
C5956
C5957
C5958
C5959
C5960
C5961
C5962
C5963
C5964
C5965
C5966
C5967
C5968
C5969
C5970
C5971
C5972
C5973
C5974
C5975
C5976
C5977
C5978
C5979
C5980
C5981
C5982
C5983
C5984
C5985
C5986
C5987
C5988
C5989
C5990
C5991
C5992
C5993
C5994
C5995
C5996
C5997
C5998
C5999
C6000
C6001
C6002
C6003
C6004
C6005
C6006
C6007
C6008
C6009
C6010
C6011
C6012
C6013
C6014
C6015
C6016
C6017
C6018
C6019
C6020
C6021
C6022
C6023
C6024
C6025
C6026
C6027
C6028
C6029
C6030
C6031
C6032
C6033
C6034
C6035
C6036
C6037
C6038
C6039
C6040
C6041
C6042
C6043
C6044
C6045
C6046
C6047
C6048
C6049
C6050
C6051
C6052
C6053
C6054
C6055
C6056
C6057
C6058
C6059
C6060
C6061
C6062
C6063
C6064
C6065
C6066
C6067
C6068
C6069
C6070
C6071
C6072
C6073
C6074
C6075
C6076
C6077
C6078
C6079
C6080
C6081
C6082
C6083
C6084
C6085
C6086
C6087
C6088
C6089
C6090
C6091
C6092
C6093
C6094
C6095
C6096
C6097
C6098
C6099
C6100
C6101
C6102
C6103
C6104
C6105
C6106
C6107
C6108
C6109
C6110
C6111
C6112
C6113
C6114
C6115
C6116
C6117
C6118
C6119
C6120
C6121
C6122
C6123
C6124
C6125
C6126
C6127
C6128
C6129
C6130
C6131
C6132
C6133
C6134
C6135
C6136
C6137
C6138
C6139
C6140
C6141
C6142
C6143
C6144
C6145
C6146
C6147
C6148
C6149
C6150
C6151
C6152
C6153
C6154
C6155
C6156
C6157
C6158
C6159
C6160
C6161
C6162
C6163
C6164
C6165
C6166
C6167
C6168
C6169
C6170
C6171
C6172
C6173
C6174
C6175
C6176
C6177
C6178
C6179
C6180
C6181
C6182
C6183
C6184
C6185
C6186
C6187
C6188
C6189
C6190
C6191
C6192
C6193
C6194
C6195
C6196
C6197
C6198
C6199
C6200
C6201
C6202
C6203
C6204
C6205
C6206
C6207
C6208
C6209
C6210
C6211
C6212
C6213
C6214
C6215
C6216
C6217
C6218
C6219
C6220
C6221
C6222
C6223
C6224
C6225
C6226
C6227
C6228
C6229
C6230
C6231
C6232
C6233
C6234
C6235
C6236
C6237
C6238
C6239
C6240
C6241
C6242
C6243
C6244
C6245
C6246
C6247
C6248
C6249
C6250
C6251
C6252
C6253
C6254
C6255
C6256
C6257
C6258
C6259
C6260
C6261
C6262
C6263
C6264
C6265
C6266
C6267
C6268
C6269
C6270
C6271
C6272
C6273
C6274
C6275
C6276
C6277
C6278
C6279
C6280
C6281
C6282
C6283
C6284
C6285
C6286
C6287
C6288
C6289
C6290
C6291
C6292
C6293
C6294
C6295
C6296
C6297
C6298
C6299
C6300
C6301
C6302
C6303
C6304
C6305
C6306
C6307
C6308
C6309
C6310
C6311
C6312
C6313
C6314
C6315
C6316
C6317
C6318
C6319
C6320
C6321
C6322
C6323
C6324
C6325
C6326
C6327
C6328
C6329
C6330
C6331
C6332
C6333
C6334
C6335
C6336
C6337
C6338
C6339
C6340
C6341
C6342
C6343
C6344
C6345
C6346
C6347
C6348
C6349
C6350
C6351
C6352
C6353
C6354
C6355
C6356
C6357
C6358
C6359
C6360
C6361
C6362
C6363
C6364
C6365
C6366
C6367
C6368
C6369
C6370
C6371
C6372
C6373
C6374
C6375
C6376
C6377
C6378
C6379
C6380
C6381
C6382
C6383
C6384
C6385
C6386
C6387
C6388
C6389
C6390
C6391
C6392
C6393
C6394
C6395
C6396
C6397
C6398
C6399
C6400
C6401
C6402
C6403
C6404
C6405
C6406
C6407
C6408
C6409
C6410
C6411
C6412
C6413
C6414
C6415
C6416
C6417
C6418
C6419
C6420
C6421
C6422
C6423
C6424
C6425
C6426
C6427
C6428
C6429
C6430
C6431
C6432
C6433
C6434
C6435
C6436
C6437
C6438
C6439
C6440
C6441
C6442
C6443
C6444
C6445
C6446
C6447
C6448
C6449
C6450
C6451
C6452
C6453
C6454
C6455
C6456
C6457
C6458
C6459
C6460
C6461
C6462
C6463
C6464
C6465
C6466
C6467
C6468
C6469
C6470
C6471
C6472
C6473
C6474
C6475
C6476
C6477
C6478
C6479
C6480
C6481
C6482
C6483
C6484
C6485
C6486
C6487
C6488
C6489
C6490
C6491
C6492
C6493
C6494
C6495
C6496
C6497
C6498
C6499
C6500
C6501
C6502
C6503
C6504
C6505
C6506
C6507
C6508
C6509
C6510
C6511
C6512
C6513
C6514
C6515
C6516
C6517
C6518
C6519
C6520
C6521
C6522
C6523
C6524
C6525
C6526
C6527
C6528
C6529
C6530
C6531
C6532
C6533
C6534
C6535
C6536
C6537
C6538
C6539
C6540
C6541
C6542
C6543
C6544
C6545
C6546
C6547
C6548
C6549
C6550
C6551
C6552
C6553
C6554
C6555
C6556
C6557
C6558
C6559
C6560
C6561
C6562
C6563
C6564
C6565
C6566
C6567
C6568
C6569
C6570
C6571
C6572
C6573
C6574
C6575
C6576
C6577
C6578
C6579
C6580
C6581
C6582
C6583
C6584
C6585
C6586
C6587
C6588
C6589
C6590
C6591
C6592
C6593
C6594
C6595
C6596
C6597
C6598
C6599
C6600
C6601
C6602
C6603
C6604
C6605
C6606
C6607
C6608
C6609
C6610
C6611
C6612
C6613
C6614
C6615
C6616
C6617
C6618
C6619
C6620
C6621
C6622
C6623
C6624
C6625
C6626
C6627
C6628
C6629
C6630
C6631
C6632
C6633
C6634
C6635
C6636
C6637
C6638
C6639
C6640
C6641
C6642
C6643
C6644
C6645
C6646
C6647
C6648
C6649
C6650
C6651
C6652
C6653
C6654
C6655
C6656
C6657
C6658
C6659
C6660
C6661
C6662
C6663
C6664
C6665
C6666
C6667
C6668
C6669
C6670
C6671
C6672
C6673
C6674
C6675
C6676
C6677
C6678
C6679
C6680
C6681
C6682
C6683
C6684
C6685
C6686
C6687
C6688
C6689
C6690
C6691
C6692
C6693
C6694
C6695
C6696
C6697
C6698
C6699
C6700
C6701
C6702
C6703
C6704
C6705
C6706
C6707
C6708
C6709
C6710
C6711
C6712
C6713
C6714
C6715
C6716
C6717
C6718
C6719
C6720
C6721
C6722
C6723
C6724
C6725
C6726
C6727
C6728
C6729
C6730
C6731
C6732
C6733
C6734
C6735
C6736
C6737
C6738
C6739
C6740
C6741
C6742
C6743
C6744
C6745
C6746
C6747
C6748
C6749
C6750
C6751
C6752
C6753
C6754
C6755
C6756
C6757
C6758
C6759
C6760
C6761
C6762
C6763
C6764
C6765
C6766
C6767
C6768
C6769
C6770
C6771
C6772
C6773
C6774
C6775
C6776
C6777
C6778
C6779
C6780
C6781
C6782
C6783
C6784
C6785
C6786
C6787
C6788
C6789
C6790
C6791
C6792
C6793
C6794
C6795
C6796
C6797
C6798
C6799
C6800
C6801
C6802
C6803
C6804
C6805
C6806
C6807
C6808
C6809
C6810
C6811
C6812
C6813
C6814
C6815
C6816
C6817
C6818
C6819
C6820
C6821
C6822
C6823
C6824
C6825
C6826
C6827
C6828
C6829
C6830
C6831
C6832
C6833
C6834
C6835
C6836
C6837
C6838
C6839
C6840
C6841
C6842
C6843
C6844
C6845
C6846
C6847
C6848
C6849
C6850
C6851
C6852
C6853
C6854
C6855
C6856
C6857
C6858
C6859
C6860
C6861
C6862
C6863
C6864
C6865
C6866
C6867
C6868
C6869
C6870
C6871
C6872
C6873
C6874
C6875
C6876
C6877
C6878
C6879
C6880
C6881
C6882
C6883
C6884
C6885
C6886
C6887
C6888
C6889
C6890
C6891
C6892
C6893
C6894
C6895
C6896
C6897
C6898
C6899
C6900
C6901
C6902
C6903
C6904
C6905
C6906
C6907
C6908
C6909
C6910
C6911
C6912
C6913
C6914
C6915
C6916
C6917
C6918
C6919
C6920
C6921
C6922
C6923
C6924
C6925
C6926
C6927
C6928
C6929
C6930
C6931
C6932
C6933
C6934
C6935
C6936
C6937
C6938
C6939
C6940
C6941
C6942
C6943
C6944
C6945
C6946
C6947
C6948
C6949
C6950
C6951
C6952
C6953
C6954
C6955
C6956
C6957
C6958
C6959
C6960
C6961
C6962
C6963
C6964
C6965
C6966
C6967
C6968
C6969
C6970
C6971
C6972
C6973
C6974
C6975
C6976
C6977
C6978
C6979
C6980
C6981
C6982
C6983
C6984
C6985
C6986
C6987
C6988
C6989
C6990
C6991
C6992
C6993
C6994
C6995
C6996
C6997
C6998
C6999
C7000
C7001
C7002
C7003
C7004
C7005
C7006
C7007
C7008
C7009
C7010
C7011
C7012
C7013
C7014
C7015
C7016
C7017
C7018
C7019
C7020
C7021
C7022
C7023
C7024
C7025
C7026
C7027
C7028
C7029
C7030
C7031
C7032
C7033
C7034
C7035
C7036
C7037
C7038
C7039
C7040
C7041
C7042
C7043
C7044
C7045
C7046
C7047
C7048
C7049
C7050
C7051
C7052
C7053
C7054
C7055
C7056
C7057
C7058
C7059
C7060
C7061
C7062
C7063
C7064
C7065
C7066
C7067
C7068
C7069
C7070
C7071
C7072
C7073
C7074
C7075
C7076
C7077
C7078
C7079
C7080
C7081
C7082
C7083
C7084
C7085
C7086
C7087
C7088
C7089
C7090
C7091
C7092
C7093
C7094
C7095
C7096
C7097
C7098
C7099
C7100
C7101
C7102
C7103
C7104
C7105
C7106
C7107
C7108
C7109
C7110
C7111
C7112
C7113
C7114
C7115
C7116
C7117
C7118
C7119
C7120
C7121
C7122
C7123
C7124
C7125
C7126
C7127
C7128
C7129
C7130
C7131
C7132
C7133
C7134
C7135
C7136
C7137
C7138
C7139
C7140
C7141
C7142
C7143
C7144
C7145
C7146
C7147
C7148
C7149
C7150
C7151
C7152
C7153
C7154
C7155
C7156
C7157
C7158
C7159
C7160
C7161
C7162
C7163
C7164
C7165
C7166
C7167
C7168
C7169
C7170
C7171
C7172
C7173
C7174
C7175
C7176
C7177
C7178
C7179
C7180
C7181
C7182
C7183
C7184
C7185
C7186
C7187
C7188
C7189
C7190
C7191
C7192
C7193
C7194
C7195
C7196
C7197
C7198
C7199
C7200
C7201
C7202
C7203
C7204
C7205
C7206
C7207
C7208
C7209
C7210
C7211
C7212
C7213
C7214
C7215
C7216
C7217
C7218
C7219
C7220
C7221
C7222
C7223
C7224
C7225
C7226
C7227
C7228
C7229
C7230
C7231
C7232
C7233
C7234
C7235
C7236
C7237
C7238
C7239
C7240
C7241
C7242
C7243
C7244
C7245
C7246
C7247
C7248
C7249
C7250
C7251
C7252
C7253
C7254
C7255
C7256
C7257
C7258
C7259
C7260
C7261
C7262
C7263
C7264
C7265
C7266
C7267
C7268
C7269
C7270
C7271
C7272
C7273
C7274
C7275
C7276
C7277
C7278
C7279
C7280
C7281
C7282
C7283
C7284
C7285
C7286
C7287
C7288
C7289
C7290
C7291
C7292
C7293
C7294
C7295
C7296
C7297
C7298
C7299
C7300
C7301
C7302
C7303
C7304
C7305
C7306
C7307
C7308
C7309
C7310
C7311
C7312
C7313
C7314
C7315
C7316
C7317
C7318
C7319
C7320
C7321
C7322
C7323
C7324
C7325
C7326
C7327
C7328
C7329
C7330
C7331
C7332
C7333
C7334
C7335
C7336
C7337
C7338
C7339
C7340
C7341
C7342
C7343
C7344
C7345
C7346
C7347
C7348
C7349
C7350
C7351
C7352
C7353
C7354
C7355
C7356
C7357
C7358
C7359
C7360
C7361
C7362
C7363
C7364
C7365
C7366
C7367
C7368
C7369
C7370
C7371
C7372
C7373
C7374
C7375
C7376
C7377
C7378
C7379
C7380
C7381
C7382
C7383
C7384
C7385
C7386
C7387
C7388
C7389
C7390
C7391
C7392
C7393
C7394
C7395
C7396
C7397
C7398
C7399
C7400
C7401
C7402
C7403
C7404
C7405
C7406
C7407
C7408
C7409
C7410
C7411
C7412
C7413
C7414
C7415
C7416
C7417
C7418
C7419
C7420
C7421
C7422
C7423
C7424
C7425
C7426
C7427
C7428
C7429
C7430
C7431
C7432
C7433
C7434
C7435
C7436
C7437
C7438
C7439
C7440
C7441
C7442
C7443
C7444
C7445
C7446
C7447
C7448
C7449
C7450
C7451
C7452
C7453
C7454
C7455
C7456
C7457
C7458
C7459
C7460
C7461
C7462
C7463
C7464
C7465
C7466
C7467
C7468
C7469
C7470
C7471
C7472
C7473
C7474
C7475
C7476
C7477
C7478
C7479
C7480
C7481
C7482
C7483
C7484
C7485
C7486
C7487
C7488
C7489
C7490
C7491
C7492
C7493
C7494
C7495
C7496
C7497
C7498
C7499
C7500
C7501
C7502
C7503
C7504
C7505
C7506
C7507
C7508
C7509
C7510
C7511
C7512
C7513
C7514
C7515
C7516
C7517
C7518
C7519
C7520
C7521
C7522
C7523
C7524
C7525
C7526
C7527
C7528
C7529
C7530
C7531
C7532
C7533
C7534
C7535
C7536
C7537
C7538
C7539
C7540
C7541
C7542
C7543
C7544
C7545
C7546
C7547
C7548
C7549
C7550
C7551
C7552
C7553
C7554
C7555
C7556
C7557
C7558
C7559
C7560
C7561
C7562
C7563
C7564
C7565
C7566
C7567
C7568
C7569
C7570
C7571
C7572
C7573
C7574
C7575
C7576
C7577
C7578
C7579
C7580
C7581
C7582
C7583
C7584
C7585
C7586
C7587
C7588
C7589
C7590
C7591
C7592
C7593
C7594
C7595
C7596
C7597
C7598
C7599
C7600
C7601
C7602
C7603
C7604
C7605
C7606
C7607
C7608
C7609
C7610
C7611
C7612
C7613
C7614
C7615
C7616
C7617
C7618
C7619
C7620
C7621
C7622
C7623
C7624
C7625
C7626
C7627
C7628
C7629
C7630
C7631
C7632
C7633
C7634
C7635
C7636
C7637
C7638
C7639
C7640
C7641
C7642
C7643
C7644
C7645
C7646
C7647
C7648
C7649
C7650
C7651
C7652
C7653
C7654
C7655
C7656
C7657
C7658
C7659
C7660
C7661
C7662
C7663
C7664
C7665
C7666
C7667
C7668
C7669
C7670
C7671
C7672
C7673
C7674
C7675
C7676
C7677
C7678
C7679
C7680
C7681
C7682
C7683
C7684
C7685
C7686
C7687
C7688
C7689
C7690
C7691
C7692
C7693
C7694
C7695
C7696
C7697
C7698
C7699
C7700
C7701
C7702
C7703
C7704
C7705
C7706
C7707
C7708
C7709
C7710
C7711
C7712
C7713
C7714
C7715
C7716
C7717
C7718
C7719
C7720
C7721
C7722
C7723
C7724
C7725
C7726
C7727
C7728
C7729
C7730
C7731
C7732
C7733
C7734
C7735
C7736
C7737
C7738
C7739
C7740
C7741
C7742
C7743
C7744
C7745
C7746
C7747
C7748
C7749
C7750
C7751
C7752
C7753
C7754
C7755
C7756
C7757
C7758
C7759
C7760
C7761
C7762
C7763
C7764
C7765
C7766
C7767
C7768
C7769
C7770
C7771
C7772
C7773
C7774
C7775
C7776
C7777
C7778
C7779
C7780
C7781
C7782
C7783
C7784
C7785
C7786
C7787
C7788
C7789
C7790
C7791
C7792
C7793
C7794
C7795
C7796
C7797
C7798
C7799
C7800
C7801
C7802
C7803
C7804
C7805
C7806
C7807
C7808
C7809
C7810
C7811
C7812
C7813
C7814
C7815
C7816
C7817
C7818
C7819
C7820
C7821
C7822
C7823
C7824
C7825
C7826
C7827
C7828
C7829
C7830
C7831
C7832
C7833
C7834
C7835
C7836
C7837
C7838
C7839
C7840
C7841
C7842
C7843
C7844
C7845
C7846
C7847
C7848
C7849
C7850
C7851
C7852
C7853
C7854
C7855
C7856
C7857
C7858
C7859
C7860
C7861
C7862
C7863
C7864
C7865
C7866
C7867
C7868
C7869
C7870
C7871
C7872
C7873
C7874
C7875
C7876
C7877
C7878
C7879
C7880
C7881
C7882
C7883
C7884
C7885
C7886
C7887
C7888
C7889
C7890
C7891
C7892
C7893
C7894
C7895
C7896
C7897
C7898
C7899
C7900
C7901
C7902
C7903
C7904
C7905
C7906
C7907
C7908
C7909
C7910
C7911
C7912
C7913
C7914
C7915
C7916
C7917
C7918
C7919
C7920
C7921
C7922
C7923
C7924
C7925
C7926
C7927
C7928
C7929
C7930
C7931
C7932
C7933
C7934
C7935
C7936
C7937
C7938
C7939
C7940
C7941
C7942
C7943
C7944
C7945
C7946
C7947
C7948
C7949
C7950
C7951
C7952
C7953
C7954
C7955
C7956
C7957
C7958
C7959
C7960
C7961
C7962
C7963
C7964
C7965
C7966
C7967
C7968
C7969
C7970
C7971
C7972
C7973
C7974
C7975
C7976
C7977
C7978
C7979
C7980
C7981
C7982
C7983
C7984
C7985
C7986
C7987
C7988
C7989
C7990
C7991
C7992
C7993
C7994
C7995
C7996
C7997
C7998
C7999
C8000
C8001
C8002
C8003
C8004
C8005
C8006
C8007
C8008
C8009
C8010
C8011
C8012
C8013
C8014
C8015
C8016
C8017
C8018
C8019
C8020
C8021
C8022
C8023
C8024
C8025
C8026
C8027
C8028
C8029
C8030
C8031
C8032
C8033
C8034
C8035
C8036
C8037
C8038
C8039
C8040
C8041
C8042
C8043
C8044
C8045
C8046
C8047
C8048
C8049
C8050
C8051
C8052
C8053
C8054
C8055
C8056
C8057
C8058
C8059
C8060
C8061
C8062
C8063
C8064
C8065
C8066
C8067
C8068
C8069
C8070
C8071
C8072
C8073
C8074
C8075
C8076
C8077
C8078
C8079
C8080
C8081
C8082
C8083
C8084
C8085
C8086
C8087
C8088
C8089
C8090
C8091
C8092
C8093
C8094
C8095
C8096
C8097
C8098
C8099
C8100
C8101
C8102
C8103
C8104
C8105
C8106
C8107
C8108
C8109
C8110
C8111
C8112
C8113
C8114
C8115
C8116
C8117
C8118
C8119
C8120
C8121
C8122
C8123
C8124
C8125
C8126
C8127
C8128
C8129
C8130
C8131
C8132
C8133
C8134
C8135
C8136
C8137
C8138
C8139
C8140
C8141
C8142
C8143
C8144
C8145
C8146
C8147
C8148
C8149
C8150
C8151
C8152
C8153
C8154
C8155
C8156
C8157
C8158
C8159
C8160
C8161
C8162
C8163
C8164
C8165
C8166
C8167
C8168
C8169
C8170
C8171
C8172
C8173
C8174
C8175
C8176
C8177
C8178
C8179
C8180
C8181
C8182
C8183
C8184
C8185
C8186
C8187
C8188
C8189
C8190
C8191
C8192
C8193
C8194
C8195
C8196
C8197
C8198
C8199
C8200
C8201
C8202
C8203
C8204
C8205
C8206
C8207
C8208
C8209
C8210
C8211
C8212
C8213
C8214
C8215
C8216
C8217
C8218
C8219
C8220
C8221
C8222
C8223
C8224
C8225
C8226
C8227
C8228
C8229
C8230
C8231
C8232
C8233
C8234
C8235
C8236
C8237
C8238
C8239
C8240
C8241
C8242
C8243
C8244
C8245
C8246
C8247
C8248
C8249
C8250
C8251
C8252
C8253
C8254
C8255
C8256
C8257
C8258
C8259
C8260
C8261
C8262
C8263
C8264
C8265
C8266
C8267
C8268
C8269
C8270
C8271
C8272
C8273
C8274
C8275
C8276
C8277
C8278
C8279
C8280
C8281
C8282
C8283
C8284
C8285
C8286
C8287
C8288
C8289
C8290
C8291
C8292
C8293
C8294
C8295
C8296
C8297
C8298
C8299
C8300
C8301
C8302
C8303
C8304
C8305
C8306
C8307
C8308
C8309
C8310
C8311
C8312
C8313
C8314
C8315
C8316
C8317
C8318
C8319
C8320
C8321
C8322
C8323
C8324
C8325
C8326
C8327
C8328
C8329
C8330
C8331
C8332
C8333
C8334
C8335
C8336
C8337
C8338
C8339
C8340
C8341
C8342
C8343
C8344
C8345
C8346
C8347
C8348
C8349
C8350
C8351
C8352
C8353
C8354
C8355
C8356
C8357
C8358
C8359
C8360
C8361
C8362
C8363
C8364
C8365
C8366
C8367
C8368
C8369
C8370
C8371
C8372
C8373
C8374
C8375
C8376
C8377
C8378
C8379
C8380
C8381
C8382
C8383
C8384
C8385
C8386
C8387
C8388
C8389
C8390
C8391
C8392
C8393
C8394
C8395
C8396
C8397
C8398
C8399
C8400
C8401
C8402
C8403
C8404
C8405
C8406
C8407
C8408
C8409
C8410
C8411
C8412
C8413
C8414
C8415
C8416
C8417
C8418
C8419
C8420
C8421
C8422
C8423
C8424
C8425
C8426
C8427
C8428
C8429
C8430
C8431
C8432
C8433
C8434
C8435
C8436
C8437
C8438
C8439
C8440
C8441
C8442
C8443
C8444
C8445
C8446
C8447
C8448
C8449
C8450
C8451
C8452
C8453
C8454
C8455
C8456
C8457
C8458
C8459
C8460
C8461
C8462
C8463
C8464
C8465
C8466
C8467
C8468
C8469
C8470
C8471
C8472
C8473
C8474
C8475
C8476
C8477
C8478
C8479
C8480
C8481
C8482
C8483
C8484
C8485
C8486
C8487
C8488
C8489
C8490
C8491
C8492
C8493
C8494
C8495
C8496
C8497
C8498
C8499
C8500
C8501
C8502
C8503
C8504
C8505
C8506
C8507
C8508
C8509
C8510
C8511
C8512

PA-A Unit

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS1892001				
	Printed Circuit Board				AH025H000	FR0146300		1-		
C 5002	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F11
C 5012	CHIP CAP.	0.001uF	50V	B	GRM40B102K50PT	K22170825		1-	A	H10
C 5013	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	H11
C 5014	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	G10
C 5015	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	G11
C 5016	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G11
C 5018	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F11
C 5027	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	E6
C 5031	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E11
C 5032	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	E11
C 5035	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	G9
C 5036	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	G9
C 5037	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	G10
C 5038	CHIP CAP.	0.001uF	50V	B	GRM40B102K50PT	K22170825		1-	A	H10
C 5039	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F9
C 5040	CHIP CAP.	0.01uF	50V	B	GRM40B103K50PT	K22170826		1-	A	H10
C 5041	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F9
C 5042	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E6
C 5043	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E7
C 5044	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E11
C 5045	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	E11
C 5046	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	D11
C 5047	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E11
C 5048	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E11
C 5049	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	G9
C 5050	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	G8
C 5051	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	G10
C 5052	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	F9
C 5053	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	G9
C 5054	CHIP CAP.	0.01uF	50V	B	GRM40B103K50PT	K22170826		1-	A	F9
C 5055	CHIP CAP.	0.001uF	50V	B	GRM40B102K50PT	K22170825		1-	A	F9
C 5056	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	G8
C 5057	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	I8
C 5059	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7
C 5060	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E11
C 5062	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	H4
C 5067	CHIP CAP.	150pF	200V	CH	GRM21B2C2D151JV01L	K22230230		1-	A	G8
C 5069	AL.ELECTRO.CAP.	10uF	50V		RE2-50V100ME3#-T2	K46170021		1-	A	I7
C 5070	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	H8
C 5072	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I7
C 5074	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7
C 5075	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E8
C 5076	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E8
C 5079	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	G7
C 5082	CERAMIC CAP.	0.0068uF	200V	SL	GRM55R1X2D682JV01L	K22236101		1-	A	G7
C 5083	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	G7
C 5084	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	F7
C 5086	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	H7
C 5087	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	H7
C 5089	CERAMIC CAP.	0.0068uF	200V	SL	GRM55R1X2D682JV01L	K22236101		1-	A	G7
C 5090	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	F7
C 5091	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	H4
C 5092	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G11
C 5093	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G11
C 5094	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	G11
C 5095	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H11
C 5096	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H11
C 5097	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H11
C 5098	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H11
C 5099	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I11
C 5100	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I11
C 5104	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	E3
C 5105	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 5106	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E3
C 5107	AL.ELECTRO.CAP.	100uF	25V		RE2-25V101MH3#	K40149028		1-	A	H3
C 5108	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 5109	AL.ELECTRO.CAP.	100uF	25V		RE2-25V101MH3#	K40149028		1-	A	F2
C 5110	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	H4
C 5111	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	H4
C 5112	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G11
C 5113	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G11

PA-A Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 5114	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H11
C 5115	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	H11
C 5116	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H11
C 5117	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I10
C 5120	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E4
C 5121	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D8
C 5122	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	H4
C 5123	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D5
C 5124	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D7
C 5125	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D10
C 5126	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D7
C 5127	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E3
C 5129	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I10
C 5130	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	D5
C 5131	CERAMIC CAP.	560pF	500V	SL	HM15SJSL561J	K00279025		1-	A	D4
C 5132	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	D9
C 5133	CERAMIC CAP.	560pF	500V	SL	HM15SJSL561J	K00279025		1-	A	D4
C 5134	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	D9
C 5135	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	D5
C 5136	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	C10
C 5137	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	C10
C 5138	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	C4
C 5139	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	C9
C 5140	CERAMIC CAP.	390pF	500V	SL	RT-HM11SKSL391J	K26270064		1-	A	C4
C 5141	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	D5
C 5142	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	D5
C 5143	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	D6
C 5144	CERAMIC CAP.	68pF	500V	CH	RT-HM95SKCH680J	K26270161		1-	A	D6
C 5146	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	C5
C 5147	CERAMIC CAP.	120pF	500V	CH	RT-HM11SKCH121J	K26270164		1-	A	D8
C 5150	CERAMIC CAP.	100pF	500V	CH	RT-HM11SKCH101J	K26270163		1-	A	D10
C 5151	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	C9
C 5153	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	D11
C 5154	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	C8
C 5155	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	C10
C 5157	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	D7
C 5158	CERAMIC CAP.	33pF	500V	CH	RT-HM74SKCH330J	K26270157		1-	A	C7
C 5159	CERAMIC CAP.	27pF	500V	CH	RT-HM60SKCH270J	K26270156		1-	A	C7
C 5160	FILM CAP.	3pF	500V		UC232H0030D-T	K33279027		1-	A	C3
C 5162	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	C7
C 5162	CERAMIC CAP.	10pF	500V	CH	RT-HM60SKCH100D	K26270151		3-	A	C7
C 5163	FILM CAP.	18pF	500V		UC232H0180J-T	K33279029		1-	A	D3
C 5165	FILM CAP.	82pF	500V		UC232H0820J-T	K33279033		1-	A	C3
C 5166	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	C5
C 5168	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	D4
C 5169	CERAMIC CAP.	390pF	500V	SL	RT-HM11SKSL391J	K26270064		1-	A	C9
C 5170	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	C5
C 5171	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	C10
C 5172	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	C10
C 5173	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	B4
C 5174	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	B9
C 5175	CERAMIC CAP.	820pF	500V	SL	HM17SJSL821J	K00279027		1-	A	C4
C 5176	CERAMIC CAP.	820pF	500V	SL	HM17SJSL821J	K00279027		1-	A	B4
C 5178	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	B5
C 5180	CERAMIC CAP.	68pF	500V	CH	RT-HM95SKCH680J	K26270161		1-	A	B10
C 5181	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	A4
C 5182	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	A9
C 5183	CERAMIC CAP.	270pF	500V	SL	RT-HM95SKSL271J	K26270062		1-	A	C5
C 5184	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	C6
C 5185	CERAMIC CAP.	56pF	500V	CH	RT-HM95SKCH560J	K26270160		1-	A	C6
C 5187	CERAMIC CAP.	680pF	500V	SL	HM15SJSL681J	K00279026		1-	A	B5
C 5188	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	B5
C 5190	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	B6
C 5192	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	B5
C 5193	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	C8
C 5194	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	C10
C 5195	CERAMIC CAP.	68pF	500V	CH	RT-HM95SKCH680J	K26270161		1-	A	C9
C 5197	CERAMIC CAP.	27pF	500V	CH	RT-HM60SKCH270J	K26270156		1-	A	C11
C 5198	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	B8
C 5199	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	B10
C 5200	CERAMIC CAP.	270pF	500V	SL	RT-HM95SKSL271J	K26270062		1-	A	B8
C 5201	CERAMIC CAP.	180pF	500V	SL	RT-HM95SKSL181J	K26270060		1-	A	B10
C 5202	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	B9

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 5204	CERAMIC CAP.	9pF	500V	CH	RT-HM60SKCH090D	K26270150		1-	A	B11
C 5206	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	A10
C 5207	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	C7
C 5209	CERAMIC CAP.	27pF	500V	CH	RT-HM60SKCH270J	K26270156		1-	A	C7
C 5210	FILM CAP.	7pF	500V		UC232H0070D-T	K33279046		1-	A	C3
C 5212	CERAMIC CAP.	180pF	500V	SL	RT-HM95SKSL181J	K26270060		1-	A	B7
C 5214	CERAMIC CAP.	4pF	500V	CH	RT-HM60SKCH040C	K26270145		1-	A	B7
C 5215	CERAMIC CAP.	7pF	500V	CH	RT-HM60SKCH070D	K26270148		1-	A	B7
C 5216	FILM CAP.	18pF	500V		UC232H0180J-T	K33279029		1-	A	B3
C 5218	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	B6
C 5220	FILM CAP.	82pF	500V		UC232H0820J-T	K33279033		1-	A	B3
C 5223	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	A4
C 5224	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	B9
C 5225	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A5
C 5226	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A9
C 5227	CERAMIC CAP.	180pF	500V	SL	RT-HM95SKSL181J	K26270060		1-	A	A5
C 5228	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A6
C 5229	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A8
C 5230	CERAMIC CAP.	180pF	500V	SL	RT-HM95SKSL181J	K26270060		1-	A	A8
C 5231	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	A10
C 5232	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A10
C 5234	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A7
C 5235	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A2
C 5236	FILM CAP.	39pF	500V		UC232H0390J-T	K33279038		1-	A	B3
C 5237	FILM CAP.	560pF	500V		UC552H5600J-T	K33279041		1-	A	G5
C 5248	CERAMIC CAP.	10pF	500V	CH	RT-HM60SKCH100D	K26270151		1-	A	A6
C 5249	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-		
C 5250	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-		
C 5251	FILM CAP.	82pF	500V		UC232H0820J-T	K33279033		3-		
C 5252	FILM CAP.	82pF	500V		UC232H0820J-T	K33279033		3-		
C 5401	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 5402	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	D1
C 5403	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	F1
C 5404	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	F1
C 5411	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 5412	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5413	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	F2
C 5415	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F2
C 5416	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 5417	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	G2
C 5418	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5419	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	F1
C 5421	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	H1
C 5422	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 5423	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	H1
C 5424	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 5425	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	H2
C 5426	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 5427	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	H2
C 5428	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	H2
C 5429	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	F1
C 5430	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5431	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F1
C 5432	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 5433	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5436	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G2
C 5437	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 5438	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 5448	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
D 5001	DIODE				BAS316	G2070716		1-	A	E11
D 5018	DIODE				DAN202U T106	G2070162		1-	A	H7
D 5019	DIODE				DAN202U T106	G2070162		1-	A	F7
D 5401	DIODE				RSX101VA-30TR	G2070984		1-	A	H1
D 5403	DIODE				BAS316	G2070716		1-	A	F2
D 5404	DIODE				BAS316	G2070716		2-		
D 5405	DIODE				BAS316	G2070716		2-		
J 5001	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	H10
J 5002	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	E11
J 5003	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	I9
J 5004	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	I7
J 5005	CONNECTOR				B03B-XH-A	P0091413		1-	A	I10
J 5006	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	A3
J 5009	CONNECTOR				B03B-XH-A	P0091413		1-	A	I10

PA-A Unit

Parts List

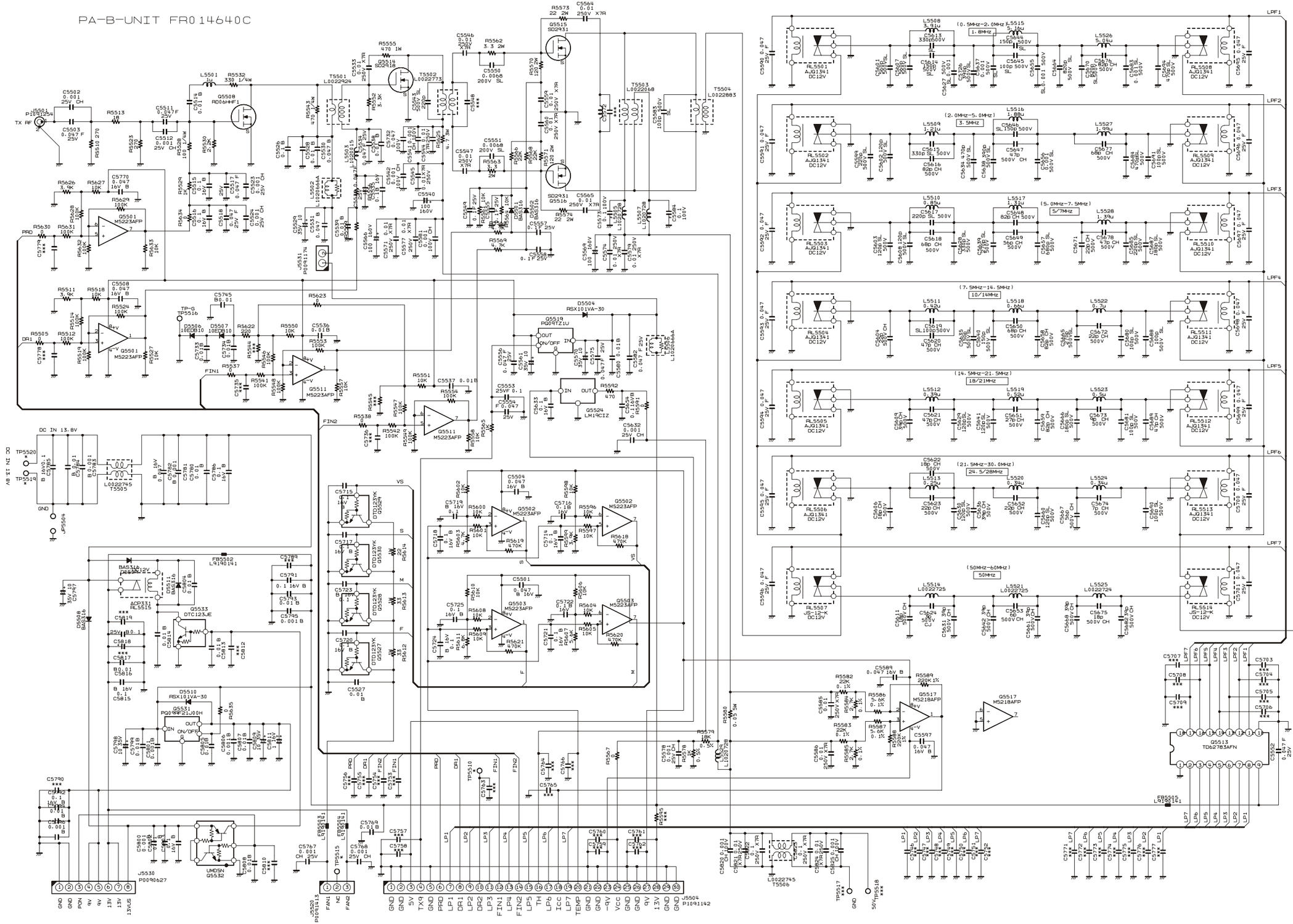
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
J 5402	CONNECTOR				SC25-08WS	P0090627		1-	A	G2
L 5001	CHIP COIL	2.2uH			C2520C-2R2K	L1690731		1-	A	H10
L 5002	M.RFC	33uH			LAL03TA330K	L1790101		1-	A	F11
L 5003	M.RFC	2.2uH			LAL04NA2R2M	L1190319		1-	A	H10
L 5004	TOROIDAL COIL	41uH			41.00U 3A FR9.5°5	L0021432		1-	A	H9
L 5005	TOROIDAL COIL	41uH			41.00U 3A FR9.5°5	L0021432		1-	A	F9
L 5006	RFC WITH BEADS				FB-43-5111	L1020015		1-	A	H8
L 5008	RFC WITH BEADS				3A RI5.8X6.4-2	L1020728		1-	A	F2
L 5011	TOROIDAL COIL	3.85uH			3.85U T68-2	L0022963		1-	A	D4
L 5012	TOROIDAL COIL	1.21uH			1.21U T50-2	L0022965		1-	A	D9
L 5013	TOROIDAL COIL	0.85uH			0.85U T50-6	L0022968		1-	A	D5
L 5014	TOROIDAL COIL	0.42uH			0.42U T50-6	L0022971		1-	A	C8
L 5015	TOROIDAL COIL	0.4uH			0.40U T50-6	L0022974		1-	A	D10
L 5016	TOROIDAL COIL	0.25uH			0.25U T50-6	L0022976		1-	A	C7
L 5017	TOROIDAL COIL	0.21uH			0.21U T50-10	L0022979		1-	A	C3
L 5018	TOROIDAL COIL	5.1uH			5.10U T68-2	L0022964		1-	A	C4
L 5019	TOROIDAL COIL	5.1uH			5.10U T68-2	L0022964		1-	A	B4
L 5020	TOROIDAL COIL	1.85uH			1.85U T50-2	L0022966		1-	A	C9
L 5021	TOROIDAL COIL	2uH			2.00U T50-2	L0022967		1-	A	B9
L 5022	TOROIDAL COIL	1.31uH			1.31U T50-6	L0022969		1-	A	C5
L 5023	TOROIDAL COIL	0.63uH			0.63U T50-6	L0022972		1-	A	C8
L 5024	TOROIDAL COIL	1.39uH			1.39U T50-6	L0022970		1-	A	B5
L 5025	TOROIDAL COIL	0.7uH			0.70U T50-6	L0022973		1-	A	B8
L 5026	TOROIDAL COIL	0.5uH			0.50U T50-6	L0022975		1-	A	C10
L 5027	TOROIDAL COIL	0.5uH			0.50U T50-6	L0022975		1-	A	B10
L 5028	TOROIDAL COIL	0.34uH			0.34U T50-6	L0022977		1-	A	C7
L 5029	TOROIDAL COIL	0.21uH			0.21U T50-10	L0022979		1-	A	C3
L 5030	TOROIDAL COIL	0.34uH			0.34U T50-6	L0022977		1-	A	B7
L 5031	TOROIDAL COIL	0.18uH			0.18U T50-10	L0022978		1-	A	B3
L 5032	TOROIDAL COIL	6uH			U 6H3 10X5X5	L0022039		1-	A	G6
P 5001	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 5002	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 5003	TERMINAL				B4 AG M3	Q6000114		1-		
Q 5001	FET				RD06HHF1-01	G3090145		1-	A	F10
Q 5002	IC				M5223AFP 600C	G1092955		1-	A	F11
Q 5003	IC				LM19CIZ	G1094150		1-	A	E6
Q 5004	IC				M5223AFP 600C	G1092955		1-	A	E9
Q 5005	IC				PQ09TZ1U	G1092599		1-	A	E11
Q 5006	FET				RD16HHF1	G3090148		1-	A	E8
Q 5007	FET				RD16HHF1	G3090148		1-	A	I9
Q 5008	IC				M5223AFP 600C	G1092955		1-	A	E7
Q 5009	FET				RD100HHF1	G3090151		1-	A	F6
Q 5010	FET				RD100HHF1	G3090151		1-	A	H6
Q 5011	IC				M5223AFP 600C	G1092955		1-	A	H11
Q 5012	IC				M5223AFP 600C	G1092955		1-	A	G11
Q 5013	IC				M5218AFP-600C	G1091607		1-	A	H4
Q 5014	TRANSISTOR				DTD123YK T146	G3070157		1-	A	G11
Q 5015	TRANSISTOR				DTD123YK T146	G3070157		1-	A	G11
Q 5016	TRANSISTOR				DTD123YK T146	G3070157		1-	A	H11
Q 5017	TRANSISTOR				DTD123YK T146	G3070157		1-	A	I11
Q 5018	IC				TD62783AFN(EL)	G1092700		1-	A	E10
Q 5401	TRANSISTOR				UMD5N TR	G3070343		1-	A	F1
Q 5402	TRANSISTOR				DTC123JE TL	G3070323		1-	A	G1
Q 5404	IC				PQ09RF21J00H	G1094351		1-	A	I2
R 5001	CHIP RES.	18	1/4W	5%	RMC1/4 180JATP	J24245180		1-	A	H11
R 5002	CHIP RES.	330	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	H10
R 5003	CHIP RES.	680	1/4W	5%	RMC1/4 681JATP	J24245681		1-	A	H10
R 5004	CHIP RES.	330	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	H10
R 5005	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	G11
R 5006	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	H10
R 5007	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F11
R 5009	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F11
R 5010	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	G11
R 5011	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G11
R 5012	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F11
R 5013	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G11
R 5014	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G11
R 5015	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E11
R 5017	CHIP RES.	470	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	G9
R 5018	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	E9
R 5019	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E9
R 5020	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F9
R 5021	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F9

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 5022	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F11
R 5023	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E9
R 5025	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E10
R 5026	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E9
R 5028	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E10
R 5029	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	E9
R 5030	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	F9
R 5031	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E9
R 5032	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E10
R 5033	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F9
R 5034	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E10
R 5035	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E6
R 5036	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E6
R 5038	CHIP RES.	47	1/2W	5%	RK73K2HTE47-OHMJ	J24279013		1-	A	G9
R 5039	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G9
R 5040	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	A	G8
R 5041	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	A	G8
R 5042	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F9
R 5043	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F10
R 5044	CHIP RES.	47	1/2W	5%	RK73K2HTE47-OHMJ	J24279013		1-	A	G9
R 5045	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G9
R 5046	CHIP RES.	1k	1/4W	5%	RMC1/4 102JATP	J24245102		1-	A	G9
R 5047	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	A	G8
R 5048	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F9
R 5049	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F10
R 5050	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E7
R 5051	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E7
R 5052	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E7
R 5054	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E7
R 5056	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E7
R 5057	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E7
R 5058	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E7
R 5059	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E7
R 5060	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E7
R 5061	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E7
R 5062	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E8
R 5063	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E8
R 5064	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E7
R 5065	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E8
R 5066	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E8
R 5067	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E8
R 5068	METAL FILM RES.	3.3	2W	5%	ERX-2SJ3R3P 3.3	J22339003		1-	A	F7
R 5069	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	A	F6
R 5070	METAL FILM RES.	18	2W	5%	ERG-2SJ180P 18	J22339004		1-	A	F7
R 5071	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	F7
R 5072	METAL FILM RES.	3.3	2W	5%	ERX-2SJ3R3P 3.3	J22339003		1-	A	H7
R 5073	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	H7
R 5074	METAL FILM RES.	22	1W	5%	ERG-1SJ220 22	J22305220		1-	A	H7
R 5075	METAL FILM RES.	22	1W	5%	ERG-1SJ220 22	J22305220		1-	A	F7
R 5076	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	A	H6
R 5077	METAL FILM RES.	18	2W	5%	ERG-2SJ180P 18	J22339004		1-	A	H7
R 5078	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	E7
R 5079	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	E8
R 5080	SHUNT RES.	0.016		5%	R016	J32009018		1-	A	G1
R 5081	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G11
R 5082	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	G11
R 5083	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G11
R 5084	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G11
R 5085	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H11
R 5086	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	G11
R 5087	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H11
R 5088	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	H11
R 5089	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	H11
R 5090	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H11
R 5091	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H11
R 5092	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H11
R 5093	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H11
R 5094	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	G11
R 5095	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	H11
R 5096	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	I11
R 5097	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I11
R 5098	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I11
R 5099	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I11

PA-A Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 5100	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	H11
R 5101	CHIP RES.	6.8k	1/10W	0.1%	RR1220P-682-B	J24209094		1-	A	H4
R 5102	CHIP RES.	6.8k	1/10W	0.1%	RR1220P-682-B	J24209094		1-	A	H4
R 5103	CHIP RES.	5.6k	1/10W	0.1%	RR1220P-562-B	J24209092		1-	A	H4
R 5104	CHIP RES.	5.6k	1/10W	0.1%	RR1220P-562-B	J24209092		1-	A	H4
R 5105	CHIP RES.	5.6k	1/16W	0.1%	RN731JTTD5601B25	J24189409		1-	A	H4
R 5106	CHIP RES.	5.6k	1/16W	0.1%	RN731JTTD5601B25	J24189409		1-	A	H4
R 5107	CHIP RES.	140k	1/10W	1%	RMC1/10 1403FTP	J24209015		1-	A	H4
R 5108	CHIP RES.	140k	1/10W	1%	RMC1/10 1403FTP	J24209015		1-	A	H4
R 5109	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	A	G11
R 5110	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	A	H11
R 5111	CHIP RES.	15	1W	5%	RMC1 150JTE	J24305150		1-	A	H11
R 5112	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	E7
R 5113	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5114	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5115	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5116	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5117	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5118	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5119	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E10
R 5120	CARBON FILM RES.	18k	1/6W	5%	RD16TPJ183 18K	J07225183		1		
R 5120	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		2-		
R 5121	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-		
R 5403	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G2
R 5404	CARBON FILM RES.	3.9k	1/6W	5%	RD16TPJ392 3.9K	J07225392		1		
RL5001	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	E4
RL5002	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	D9
RL5003	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	D5
RL5004	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	D8
RL5005	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	D10
RL5006	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	D6
RL5007	RELAY		DC12V		AG201344 DC12V	M1190124		1-	A	D3
RL5008	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	A4
RL5009	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	A9
RL5010	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	A6
RL5011	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	A8
RL5012	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	A10
RL5013	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	A7
RL5014	RELAY		DC12V		AG201344 DC12V	M1190124		1-	A	B3
RL5401	RELAY		DC12V		ACP331 DC12V	M1190175		1-	A	F1
T 5001	COIL 10WIDE				#223153	L0022857		1-	A	G9
T 5002	COIL PWR-WIDE				D12A RIB10	L0022980		1-	A	G7
T 5002	COIL PWR-WIDE				D12A RIB10	L0022980A		3-	A	G7
T 5005	COIL PWR-WIDE				D12A RIB16	L0022399A		1-	A	G3
T 5401	TOROIDAL COIL				D12A RI16X8X8(H007)	L0022745		1-	A	E1
TP5031	TERMINAL				TP-H MK-10160	Q5000037		1-	A	F2
TP5032	TERMINAL				TP-H MK-10160	Q5000037		1-	A	G2
	SHIELD CASE					R0131670A		1-		
	SHIELD CASE COVER					R0131680		1-		
	LEAF SPRING					R0120250		1-		

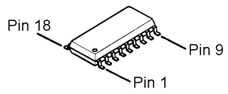

PA-B-UNIT FR014640C
DC IN 13.8V
TX RF
PRD
DR1
FIN1
FIN2
VS
S
M
F
LPF1
LPF2
LPF3
LPF4
LPF5
LPF6
LPF7
-TO TUNER-MAIN-
-------- TO CNTL-UNIT (J5021) --------

PA-B Unit (200 W)

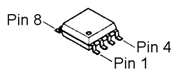
Note

PA-B Unit (200 W)

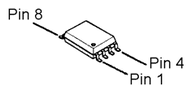
Parts Layout (Side A)



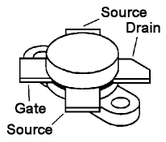
TD62783AFN
(Q5508)



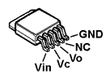
M5223AFP 600C
(Q5501, 5502, 5503, 5517)



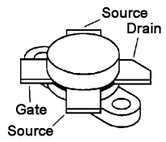
M5218AFP
(Q5517)



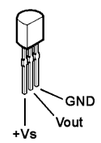
SD2918
(Q5514)



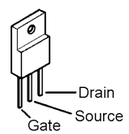
PQ09TZ1U
(Q5519)



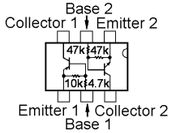
SD2931
(Q5515, 5516)



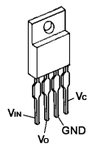
LM19CIZ
(Q5524)



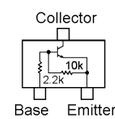
RD06HHF
(Q5508)



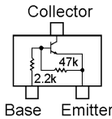
UMD5N
(Q5532)



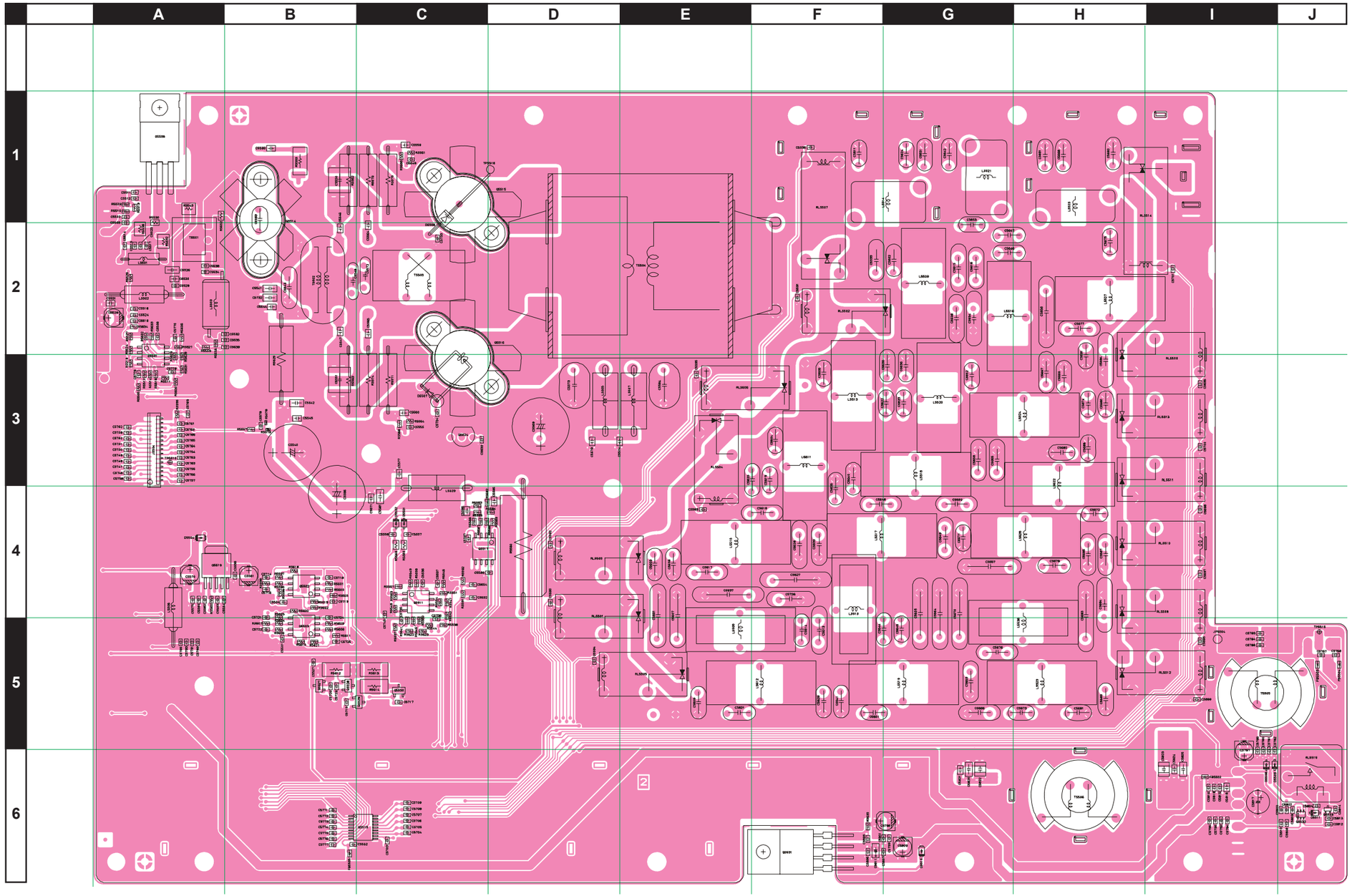
PQ09RF21
(Q5531)



DTD123YK (F62)
(Q5527, 5528, 5529, 5530)

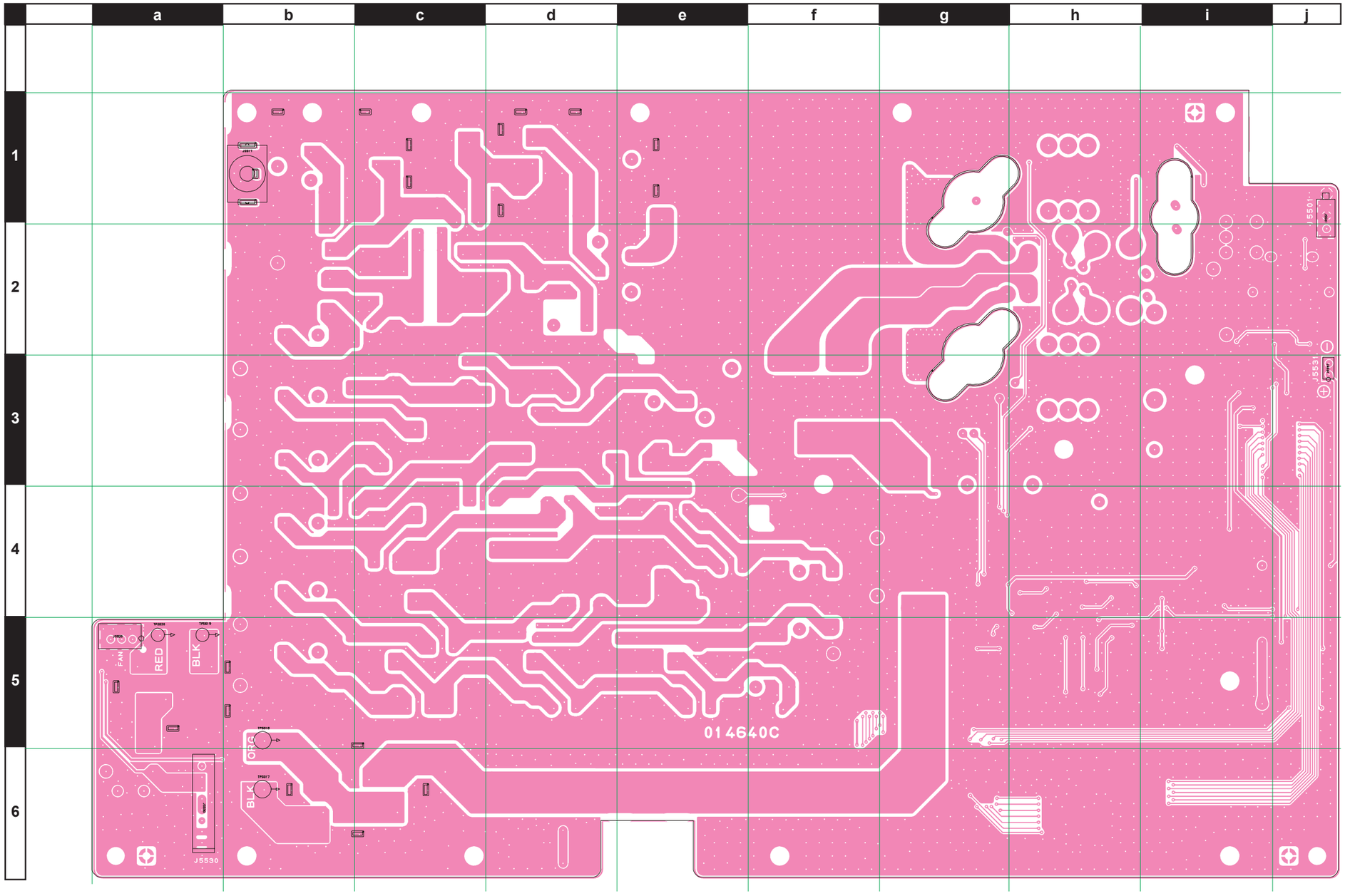


DTC123JE (E42)
(Q5533)



PA-B Unit (200 W)

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS1901001				
	Printed Circuit Board					FR014640C				
C 5501	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	B5
C 5502	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A1
C 5503	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A1
C 5504	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	B4
C 5508	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	A2
C 5511	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A1
C 5512	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A1
C 5514	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A2
C 5515	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 5516	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 5517	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A2
C 5518	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A2
C 5523	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 5524	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 5526	CHIP CAP.	0.1uF	50V	B	GRM42-6B104K50PT	K22171820		1-	A	A2
C 5527	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B5
C 5528	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A2
C 5529	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	A2
C 5530	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	A2
C 5531	CHIP CAP.	0.047uF	50V	B	GRM40B473M50PT	K22170823		1-	A	A2
C 5532	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A2
C 5533	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B1
C 5534	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A2
C 5535	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 5536	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 5537	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 5538	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A2
C 5539	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A2
C 5540	AL.ELECTRO.CAP.	100uF	160V		RE3-160V101MI6#	K40229001		1-	A	B3
C 5541	CERAMIC CAP.	0.001uF	100V	CH	GRM42-6CH102J100PT	K22201202		1-	A	B2
C 5542	CERAMIC CAP.	0.001uF	100V	CH	GRM42-6CH102J100PT	K22201202		1-	A	B3
C 5543	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	B2
C 5544	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B2
C 5545	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B3
C 5546	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B2
C 5547	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	B2
C 5549	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	C1
C 5550	CERAMIC CAP.	0.0068uF	200V	SL	GRM55R1X2D682JV01L	K22236101		1-	A	B1
C 5551	CERAMIC CAP.	0.0068uF	200V	SL	GRM55R1X2D682JV01L	K22236101		1-	A	B3
C 5552	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	B6
C 5553	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	A4
C 5554	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A4
C 5555	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	C3
C 5556	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	B4
C 5557	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	C4
C 5558	CHIP CAP.	0.1uF	25V	F	GRM39F104Z25PT	K22145001		1-	A	C4
C 5559	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C1
C 5560	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C3
C 5561	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	B4
C 5564	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C2
C 5565	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C2
C 5566	AL.ELECTRO.CAP.	100uF	160V		RE3-160V101MI6#	K40229001		1-	A	B4
C 5569	AL.ELECTRO.CAP.	100uF	160V		RE3-160V101MI6#	K40229001		1-	A	D3
C 5570	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	A4
C 5571	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C4
C 5573	FILM CAP.	0.1uF	100V		ECQ-B1104JF	K50205104		1-	A	D3
C 5574	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	D3
C 5575	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A4
C 5577	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C3
C 5578	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	B3
C 5579	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	D3
C 5580	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A4
C 5581	CERAMIC CAP.	0.001uF	100V	CH	GRM42-6CH102J100PT	K22201202		1-	A	C4
C 5582	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	A4
C 5583	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	B1
C 5584	FILM CAP.	0.1uF	100V		ECQ-B1104JF	K50205104		1-	A	E3
C 5585	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	D4
C 5586	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	C4
C 5589	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	C4
C 5590	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D4
C 5591	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	F2

PA-B Unit (200W)

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 5592	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D4
C 5593	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E4
C 5594	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D5
C 5595	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	E3
C 5596	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	F1
C 5597	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	C4
C 5599	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	F2
C 5601	CERAMIC CAP.	560pF	500V	SL	HM15SJSL561J	K00279025		1-	A	E4
C 5602	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	G2
C 5603	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	E4
C 5604	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	F3
C 5606	CERAMIC CAP.	18pF	500V	CH	RT-HM60SKCH180J	K26270154		1-	A	F3
C 5607	CERAMIC CAP.	560pF	500V	SL	HM15SJSL561J	K00279025		1-	A	E4
C 5608	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	E4
C 5609	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	E5
C 5611	CERAMIC CAP.	18pF	500V	CH	RT-HM60SKCH180J	K26270154		1-	A	F1
C 5613	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	F5
C 5614	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	F5
C 5615	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	G2
C 5616	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	G2
C 5617	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	E4
C 5618	CERAMIC CAP.	68pF	500V	CH	RT-HM95SKCH680J	K26270161		1-	A	E4
C 5619	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	F3
C 5620	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	E3
C 5621	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	E5
C 5622	CERAMIC CAP.	18pF	500V	CH	RT-HM60SKCH180J	K26270154		1-	A	G3
C 5623	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	G3
C 5624	CERAMIC CAP.	3pF	500V	CJ	RT-HM60SKCJ030C	K26270144		1-	A	G1
C 5627	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	F4
C 5628	CERAMIC CAP.	330pF	500V	SL	RT-HM11SKSL331J	K26270063		1-	A	F4
C 5629	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	F5
C 5630	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	G2
C 5631	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	G1
C 5632	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	C4
C 5633	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 5634	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	G2
C 5635	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	F3
C 5636	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	G2
C 5637	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	E4
C 5638	CERAMIC CAP.	390pF	500V	SL	RT-HM11SKSL391J	K26270064		1-	A	G2
C 5639	CERAMIC CAP.	270pF	500V	SL	RT-HM95SKSL271J	K26270062		1-	A	F4
C 5640	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	F3
C 5641	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	F5
C 5642	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	G1
C 5644	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	F5
C 5645	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	G5
C 5646	CERAMIC CAP.	150pF	500V	SL	RT-HM74SKSL151J	K26270059		1-	A	G2
C 5647	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	G2
C 5648	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	F4
C 5649	CERAMIC CAP.	56pF	500V	CH	RT-HM95SKCH560J	K26270160		1-	A	G4
C 5650	CERAMIC CAP.	68pF	500V	CH	RT-HM95SKCH680J	K26270161		1-	A	G4
C 5651	CERAMIC CAP.	27pF	500V	CH	RT-HM60SKCH270J	K26270156		1-	A	F5
C 5652	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	G3
C 5653	CERAMIC CAP.	6pF	500V	CH	RT-HM60SKCH060D	K26270147		1-	A	G2
C 5654	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C4
C 5655	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	G4
C 5656	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	H2
C 5657	CERAMIC CAP.	680pF	500V	SL	HM15SJSL681J	K00279026		1-	A	G4
C 5658	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	G3
C 5659	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	G5
C 5660	CERAMIC CAP.	120pF	500V	SL	RT-HM74SKSL121J	K26270058		1-	A	H3
C 5661	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	H1
C 5664	CERAMIC CAP.	820pF	500V	SL	HM17SJSL821J	K00279027		1-	A	G4
C 5665	CERAMIC CAP.	270pF	500V	SL	RT-HM95SKSL271J	K26270062		1-	A	G3
C 5666	CERAMIC CAP.	180pF	500V	SL	RT-HM95SKSL181J	K26270060		1-	A	G5
C 5667	CERAMIC CAP.	56pF	500V	CH	RT-HM95SKCH560J	K26270160		1-	A	H3
C 5668	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	H1
C 5670	CERAMIC CAP.	820pF	500V	SL	HM17SJSL821J	K00279027		1-	A	G4
C 5671	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	G4
C 5672	CERAMIC CAP.	22pF	500V	CH	RT-HM60SKCH220J	K26270155		1-	A	H4
C 5673	CERAMIC CAP.	9pF	500V	CH	RT-HM60SKCH090D	K26270150		1-	A	G5
C 5674	CERAMIC CAP.	7pF	500V	CH	RT-HM60SKCH070D	K26270148		1-	A	H3
C 5675	CERAMIC CAP.	18pF	500V	CH	RT-HM60SKCH180J	K26270154		1-	A	H2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 5676	CERAMIC CAP.	82pF	500V	CH	RT-HM95SKCH820J	K26270162		1-	A	G5
C 5677	CERAMIC CAP.	68pF	500V	CH	RT-HM95SKCH680J	K26270161		1-	A	H2
C 5678	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	H4
C 5680	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	H3
C 5681	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	H5
C 5682	CERAMIC CAP.	39pF	500V	CH	RT-HM74SKCH390J	K26270158		1-	A	H1
C 5683	CERAMIC CAP.	0.001uF	500V	SL	HM17SJSL102J	K00279028		1-	A	H4
C 5684	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	H3
C 5685	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	H4
C 5687	CERAMIC CAP.	180pF	500V	SL	RT-HM95SKSL181J	K26270060		1-	A	H4
C 5688	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	H3
C 5689	CERAMIC CAP.	47pF	500V	CH	RT-HM74SKCH470J	K26270159		1-	A	H5
C 5690	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	H3
C 5691	CERAMIC CAP.	100pF	500V	SL	RT-HM60SKSL101J	K26270057		1-	A	H3
C 5694	CERAMIC CAP.	470pF	500V	SL	HM13SJSL471J	K00279024		1-	A	H4
C 5695	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I5
C 5696	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I3
C 5697	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I4
C 5698	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I4
C 5699	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I5
C 5700	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I3
C 5701	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	I2
C 5714	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 5715	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 5716	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 5717	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C5
C 5718	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 5719	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 5720	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 5721	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 5722	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 5723	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 5724	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 5725	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 5726	CERAMIC CAP.	390pF	500V	SL	RT-HM11SKSL391J	K26270064		1-	A	F4
C 5732	CHIP CAP.	0.047uF	100V		GRM31MR72A473KA01L	K22201801		1-	A	B2
C 5733	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 5734	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 5745	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 5746	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5747	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5748	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5749	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5750	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5751	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5752	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5753	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5754	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5755	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5756	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5757	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5758	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5759	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5760	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5761	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5762	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5763	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5764	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5765	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5766	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		10-	A	A3
C 5767	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	J5
C 5768	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	J5
C 5769	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 5770	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	A2
C 5780	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I5
C 5781	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	I5
C 5782	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	I5
C 5783	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	I5
C 5784	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I5
C 5785	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I5
C 5786	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I5
C 5791	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A5
C 5792	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I6

PA-B Unit (200W)

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 5793	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A5
C 5794	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 5795	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	A5
C 5796	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	I6
C 5797	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	I5
C 5798	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	F6
C 5799	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G6
C 5800	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	I6
C 5801	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	F6
C 5802	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	J6
C 5803	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	J6
C 5804	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	J6
C 5805	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F6
C 5806	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	F6
C 5807	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F6
C 5808	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	J6
C 5809	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	G6
C 5811	CHIP TA.CAP.	1uF	16V		TESVA1C105M1-8R	K78120009		1-	A	F6
C 5813	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	J6
C 5814	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	J6
C 5815	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I6
C 5816	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 5818	CHIP CAP.	0.1uF	25V	B	GRM40B104M25PT	K22140811		1-	A	I6
C 5820	CERAMIC CAP.	0.001uF	100V	CH	GRM42-6CH102J100PT	K22201202		1-	A	G6
C 5821	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	G6
C 5822	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	G6
C 5823	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	I6
C 5824	CHIP CAP.	0.01uF	250V	X7R	GRM21BR72E103KW03L	K22240801		1-	A	I6
C 5825	CERAMIC CAP.	0.001uF	100V	CH	GRM42-6CH102J100PT	K22201202		1-	A	I6
D 5501	DIODE				BAS316	G2070716		1-	A	C4
D 5502	DIODE				BAS316	G2070716		1-	A	C4
D 5504	DIODE				RSX101VA-30TR	G2070984		1-	A	A4
D 5506	DIODE				10EDB10	G2090781		1-	A	C1
D 5507	DIODE				10EDB10	G2090781		1-	A	C3
D 5508	DIODE				BAS316	G2070716		1-	A	I6
D 5509	DIODE				BAS316	G2070716		1-	A	I6
D 5510	DIODE				RSX101VA-30TR	G2070984		1-	A	G6
D 5511	DIODE				BAS316	G2070716		1-	A	J6
FB5502	FERRITE BEADS				BLM18PG330SN1	L9190141		1-	A	I6
FB5503	FERRITE BEADS				BLM18PG330SN1	L9190141		1-	A	J5
FB5504	FERRITE BEADS				BLM18PG330SN1	L9190141		1-	A	J5
FB5505	FERRITE BEADS				BLM18PG330SN1	L9190141		1-	A	B6
J 5501	CONNECTOR				TMP-S01X-C1	P1091254		1-	B	j1
J 5504	CONNECTOR				30FLT-SM1-TB	P1091142		1-	A	A3
J 5517	CONNECTOR				S-Q3063#01	P1090295		1-	B	b1
J 5520	CONNECTOR				B3B-XH-A(LF)(SN)	P0091413		1-	B	a5
J 5530	CONNECTOR				SC25-08WS	P0090627		1-	B	a6
J 5531	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	B	j3
JP5501	JUMPER WIRE A				0.8-10.0	Q6100005		10-		
JP5502	JUMPER WIRE A				0.8-10.0	Q6100005		10-		
L 5501	M.RFC	1uH			LAL03TA1R0M	L1790083		1-	A	A2
L 5502	RFC A1				43T0.16 4X9CB-20	L1020666A		1-	A	A2
L 5503	RFC WITH BEADS				FB-43-5111	L1020015		1-	A	A2
L 5505	RFC WITH BEADS				3A RI5.8X6.4-2	L1020728		1-	A	D3
L 5506	RFC A1				43T0.16 4X9CB-20	L1020666A		1-	A	A5
L 5507	RFC WITH BEADS				3A RI5.8X6.4-2	L1020728		1-	A	E3
L 5508	TOROIDAL COIL	3.91uH			#223201	L0022898		1-	A	E5
L 5509	TOROIDAL COIL	1.21uH			1.21U T80-2	L0022897A		1-	A	G2
L 5510	TOROIDAL COIL	0.85uH			#223195	L0022892		1-	A	E4
L 5511	TOROIDAL COIL	0.42uH			#223191	L0022888		1-	A	F3
L 5512	TOROIDAL COIL	0.39uH			#223190	L0022887		1-	A	F5
L 5513	TOROIDAL COIL	0.25uH			0.25U T80-6	L0022884A		1-	A	F3
L 5514	COIL A1				3.5T13.0D2.0UEW R	L0022725		1-	A	F1
L 5515	TOROIDAL COIL	5.16uH			#223203	L0022900		1-	A	F4
L 5516	TOROIDAL COIL	1.88uH			1.88U T80-2	L0022896A		1-	A	G2
L 5517	TOROIDAL COIL	1.31uH			#223196	L0022893		1-	A	F4
L 5518	TOROIDAL COIL	0.66uH			0.66U T-80-2	L0021984		1-	A	G4
L 5519	TOROIDAL COIL	0.52uH			#223193	L0022890		1-	A	G5
L 5520	TOROIDAL COIL	0.34uH			0.34U T80-6	L0022886A		1-	A	G3
L 5521	COIL A1				3.5T13.0D2.0UEW R	L0022725		1-	A	G1
L 5522	TOROIDAL COIL	0.7uH			#223194	L0022891		1-	A	H4
L 5523	TOROIDAL COIL	0.5uH			#223192	L0022889		1-	A	H5
L 5524	TOROIDAL COIL	0.34uH			0.34U T80-6	L0022886A		1-	A	H3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
L 5525	COIL A1				2.5T14.0D2.0UEW R	L0022724		1-	A	H1
L 5526	TOROIDAL COIL	5.04uH			#223202	L0022899		1-	A	H4
L 5527	TOROIDAL COIL	1.99uH			1.99U T80-2	L0022895A		1-	A	H2
L 5528	TOROIDAL COIL	1.39uH			#223197	L0022894		1-	A	H4
L 5529	RFC WITH BEADS				3A RI5.8X6.4-2	L1020728		1-	A	C4
P 5501	CONNECTOR				IMSA-9206H-T	P1090988		1-		
Q 5501	IC				M5223AFP 600C	G1092955		1-	A	A2
Q 5502	IC				M5223AFP 600C	G1092955		1-	A	B4
Q 5503	IC				M5223AFP 600C	G1092955		1-	A	B5
Q 5508	FET				RD06HHF1-01	G3090145		1-	A	A1
Q 5511	IC				M5223AFP 600C	G1092955		1-	A	C4
Q 5513	IC				TD62783AFNG(5.S.EL)	G1092700		1-	A	C6
Q 5514	FET				SD2918	G3090147		1-	A	B1
Q 5515	FET				SD2931-10	G3090146		1-	A	C1
Q 5516	FET				SD2931-10	G3090146		1-	A	C3
Q 5517	IC				M5218AFP-600C	G1091607		1-	A	C4
Q 5519	IC				PQ09TZ1U	G1092599		1-	A	A4
Q 5524	IC				LM19CIZ	G1094150		1-	A	C3
Q 5527	TRANSISTOR				DTD123YK T146	G3070157		1-	A	B5
Q 5528	TRANSISTOR				DTD123YK T146	G3070157		1-	A	B5
Q 5529	TRANSISTOR				DTD123YK T146	G3070157		1-	A	B5
Q 5530	TRANSISTOR				DTD123YK T146	G3070157		1-	A	C5
Q 5531	IC				PQ09RF21J00H	G1094351		1-	A	F6
Q 5532	TRANSISTOR				UMD5N TR	G3070343		1-	A	J6
Q 5533	TRANSISTOR				DTC123JE TL	G3070323		1-	A	J6
R 5505	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 5510	CHIP RES.	270ohm	1/16W	5%	RMC1/16 271JATP	J24185271		1-9	A	A1
R 5511	CHIP RES.	3.9kohm	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	A3
R 5512	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 5513	CHIP RES.	18ohm	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	A1
R 5513	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		10-	A	A1
R 5514	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 5518	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 5519	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 5523	CHIP RES.	270ohm	1/16W	5%	RMC1/16 271JATP	J24185271		1-9	A	A1
R 5524	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 5527	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 5528	CHIP RES.	100ohm	1/4W	5%	RMC1/4 101JATP	J24245101		1-	A	A2
R 5529	CHIP RES.	1kohm	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 5530	CHIP RES.	2.2kohm	1/10W	5%	RMC1/10T 222J	J24205222		1-	A	A1
R 5532	CHIP RES.	330ohm	1/4W	5%	RMC1/4 331JATP	J24245331		1-	A	A2
R 5537	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C5
R 5538	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C5
R 5541	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 5542	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 5543	CHIP RES.	470ohm	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	A1
R 5546	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C5
R 5547	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 5548	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 5549	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 5550	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C5
R 5551	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 5552	CHIP RES.	3.3kohm	1/10W	5%	RMC1/10T 332J	J24205332		1-	A	A1
R 5553	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 5554	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C4
R 5555	CHIP RES.	470ohm	1W	5%	RMC1 471JTE	J24305471		1-	A	B1
R 5556	CHIP RES.	1kohm	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A2
R 5557	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 5558	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C4
R 5559	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A2
R 5560	CHIP RES.	4.7kohm	1/10W	5%	RMC1/10T 472J	J24205472		1-	A	C4
R 5561	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1
R 5562	METAL FILM RES.	3.3ohm	2W	5%	ERX-2SJ3R3P 3.3	J22339003		1-	A	B1
R 5563	METAL FILM RES.	3.3ohm	2W	5%	ERX-2SJ3R3P 3.3	J22339003		1-	A	B2
R 5564	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 5565	CHIP RES.	1kohm	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A4
R 5566	CHIP RES.	22kohm	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C3
R 5567	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B3
R 5568	CHIP RES.	22kohm	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C1
R 5569	CHIP RES.	4.7kohm	1/10W	5%	RMC1/10T 472J	J24205472		1-	A	C4
R 5570	METAL FILM RES.	120ohm	2W	5%	ERG-2SJ121P 120	J22339015		1-	A	C1
R 5571	METAL FILM RES.	120ohm	2W	5%	ERG-2SJ121P 120	J22339015		1-	A	C2
R 5573	METAL FILM RES.	22ohm	2W	5%	ERG-2SJ220P 22	J22339014		1-	A	C1

PA-B Unit (200W)

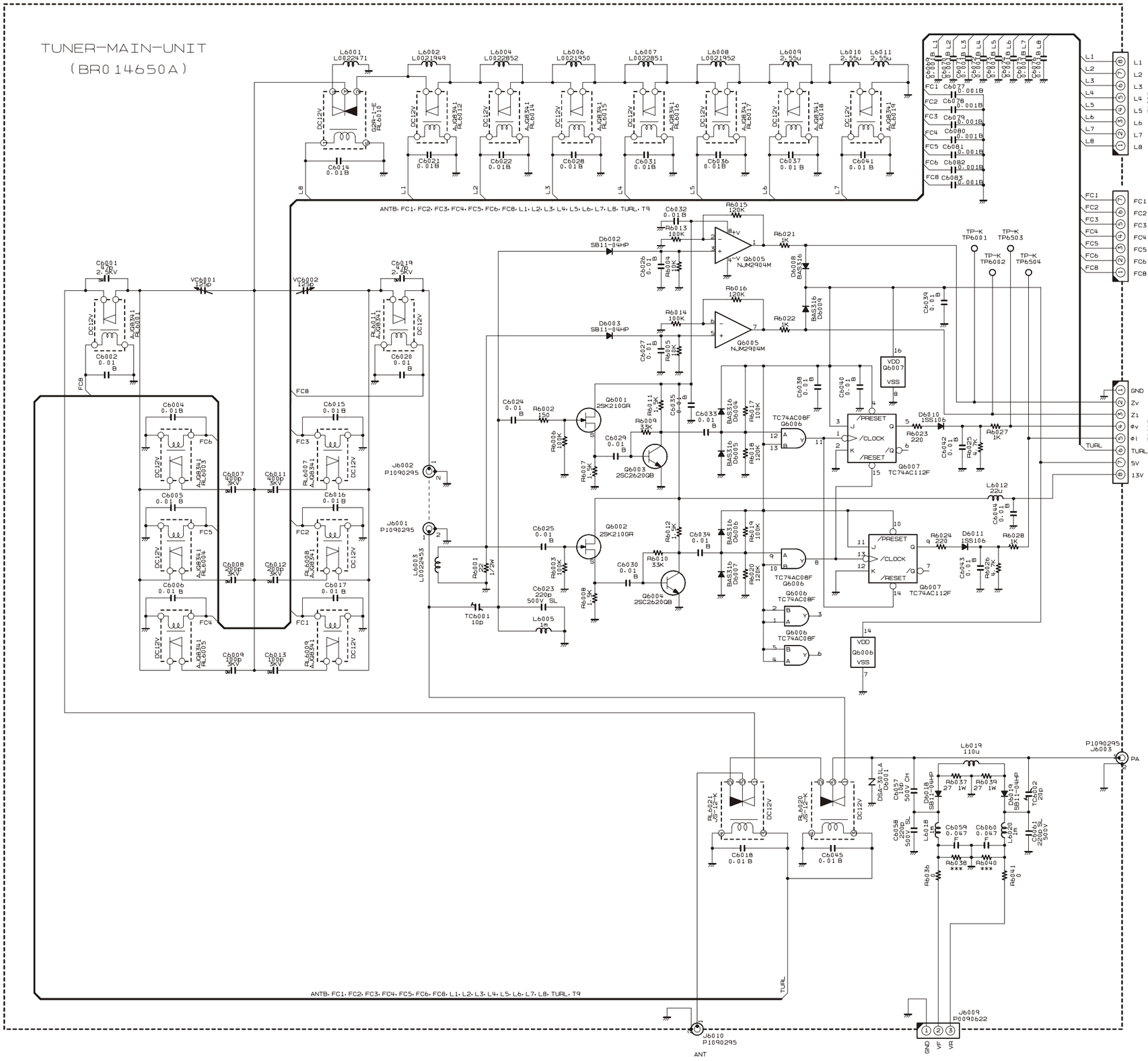
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 5574	METAL FILM RES.	22ohm	2W	5%	ERG-2SJ220P 22	J22339014		1-	A	C3
R 5578	CHIP RES.	1kohm	1/16W	0.5%	RR0510P-102-D	J24189119		1-	A	B3
R 5579	CHIP RES.	18kohm	1/16W	0.5%	RR0510R-183-D	J24189149		1-	A	B3
R 5580	CEMENT RES.	0.05ohm	5W	10%	ERF-5AKR05	J30379001		1-	A	D4
R 5582	CHIP RES.	22kohm	1/16W	0.1%	RN731JTTD2202B25	J24189410		1-	A	C4
R 5583	CHIP RES.	22kohm	1/16W	0.1%	RN731JTTD2202B25	J24189410		1-	A	C4
R 5584	CHIP RES.	2.7kohm	1/16W	0.1%	RN731JTTD2701B25	J24189408		1-	A	C4
R 5585	CHIP RES.	2.7kohm	1/16W	0.1%	RN731JTTD2701B25	J24189408		1-	A	C4
R 5586	CHIP RES.	5.6kohm	1/16W	0.1%	RN731JTTD5601B25	J24189409		1-	A	C4
R 5587	CHIP RES.	5.6kohm	1/16W	0.1%	RN731JTTD5601B25	J24189409		1-	A	C4
R 5588	CHIP RES.	220kohm	1/16W	1%	RMC1/16 224FTP	J24183224		1-	A	C4
R 5589	CHIP RES.	220kohm	1/16W	1%	RMC1/16 224FTP	J24183224		1-	A	D4
R 5591	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C4
R 5592	CHIP RES.	470ohm	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 5596	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5597	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5598	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5599	CHIP RES.	3.9kohm	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	B4
R 5600	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5601	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5602	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5603	CHIP RES.	4.7kohm	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B4
R 5604	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 5605	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 5606	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 5607	CHIP RES.	5.6kohm	1/16W	5%	RMC1/16 562JATP	J24185562		1-	A	B5
R 5608	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 5609	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 5610	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 5611	CHIP RES.	6.8kohm	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	B5
R 5612	CHIP RES.	33ohm	1W	5%	RMC1 330JTE	J24305330		1-	A	B5
R 5613	CHIP RES.	33ohm	1W	5%	RMC1 330JTE	J24305330		1-	A	C5
R 5614	CHIP RES.	22ohm	1W	5%	RMC1 220JTE	J24305220		1-	A	C5
R 5618	CHIP RES.	470kohm	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B4
R 5619	CHIP RES.	470kohm	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B4
R 5620	CHIP RES.	470kohm	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B4
R 5621	CHIP RES.	470kohm	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	B5
R 5622	CHIP RES.	220ohm	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C5
R 5623	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C5
R 5625	METAL FILM RES.	4.7ohm	3W	5%	ERX-3SJ4R7 4.7	J22359046		1-	A	B3
R 5626	CHIP RES.	3.9kohm	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	A2
R 5627	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 5628	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 5629	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 5630	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 5631	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 5632	CHIP RES.	100kohm	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 5633	CHIP RES.	10kohm	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 5634	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A2
R 5635	CHIP RES.	0ohm	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F6
RL5501	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	D4
RL5502	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	F2
RL5503	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	D4
RL5504	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	E4
RL5505	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	D5
RL5506	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	E3
RL5507	RELAY		DC12V		JS-12-K DC12V	M1190154		1-	A	F2
RL5508	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	I5
RL5509	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	I3
RL5510	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	I4
RL5511	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	I4
RL5512	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	I5
RL5513	RELAY		DC12V		AJQ1341 DC12V	M1190172		1-	A	I3
RL5514	RELAY		DC12V		JS-12-K DC12V	M1190154		1-	A	H1
RL5515	RELAY		DC12V		ACP331 DC12V	M1190175		1-	A	J6
T 5501	COIL 10WIDE				1-1 3A6 RIB4X7X5	L0022924		1-	A	A2
T 5502	COIL PWR-WIDE				3A5 RIB10X20X10	L0022773		1-	A	B2
T 5503	COIL PWR-WIDE				D12A TR16	L0022068		1-	A	C2
T 5504	COIL PWR-WIDE				D12A RIB21	L0022883		1-	A	E2
T 5505	TOROIDAL COIL				D12A RI16X8X8(H007)	L0022745		1-9	A	I5
T 5506	TOROIDAL COIL				D12A RI16X8X8(H007)	L0022745		1-	A	H6
TP5516	TERMINAL				TP-G MK1095	Q5000036		1-	A	C1
	SHIELD CASE					R0131670A		1-9		
	SHIELD CASE COVER					R0131680		1-9		

TUNER-MAIN Unit

Circuit Diagram

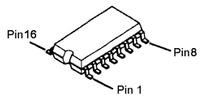
TUNER-MAIN-UNIT
(BR014650A)



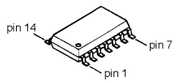
TUNER-MAIN Unit

Note

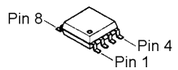
Parts Layout (Side A)



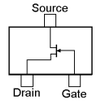
TC74AC112F
(Q6007)



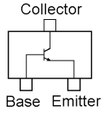
TC74AC08
(Q6006)



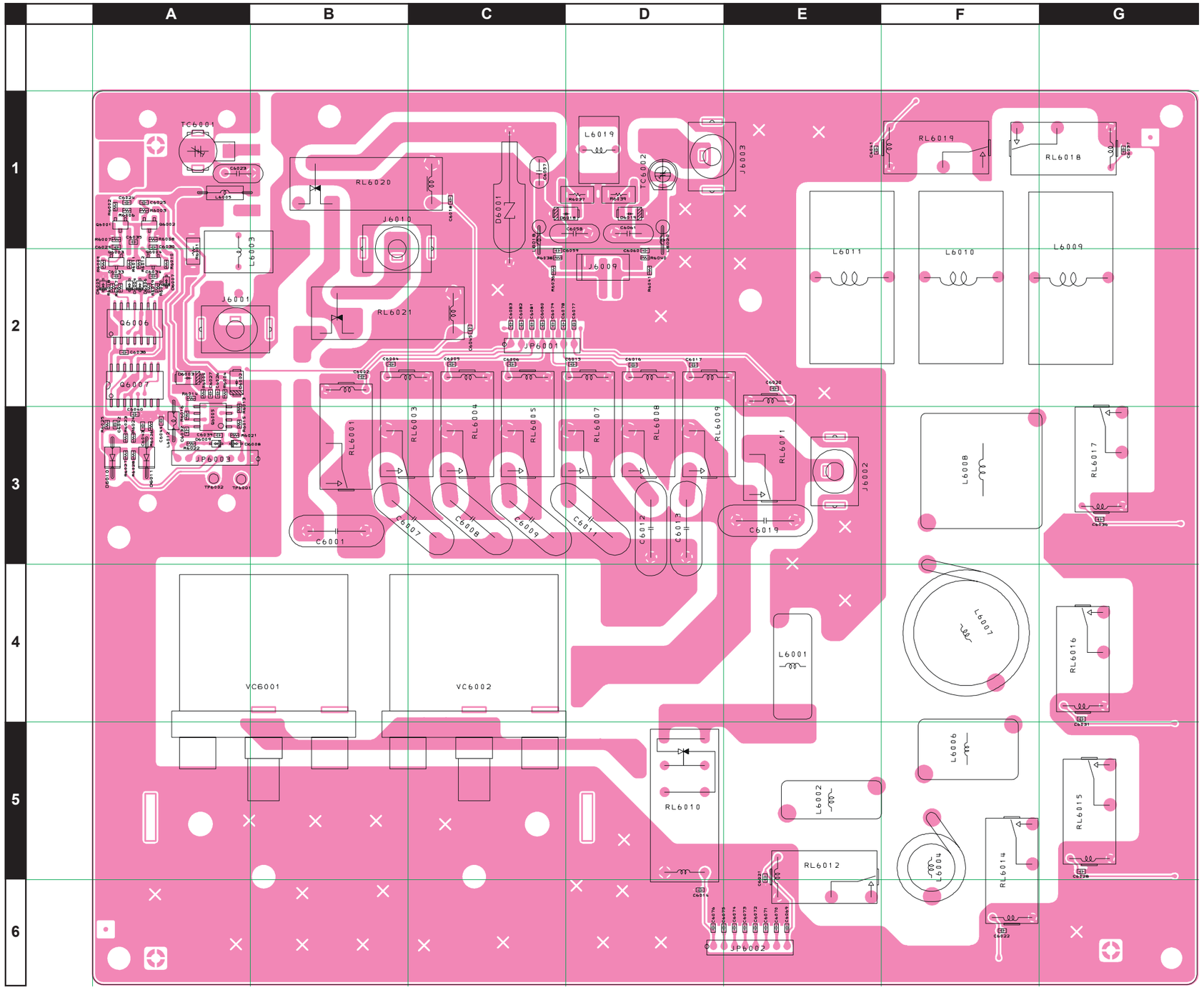
NJM2904M-TE2
(Q6005)



2SK210GR (YG)
(Q6001, 6002)

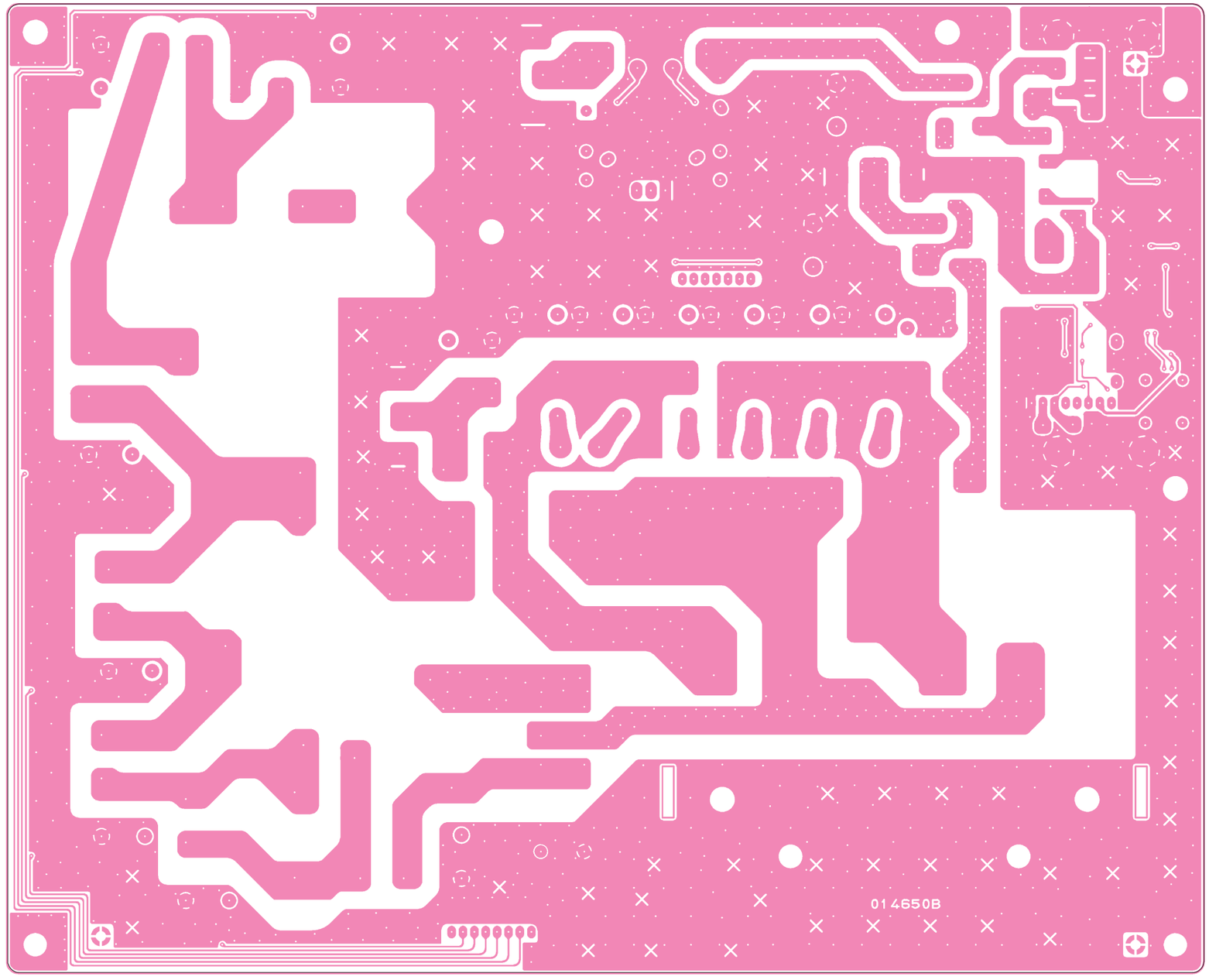


2SC2620QBTR (QB)
(Q6003, 6004)



TUNER-MAIN Unit

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3489001				
	Printed Circuit Board				AH025H000	FR014650B		1-		
C 6001	MICA CAP.	47pF	2.5KV		DM30E470J25-0	K30349017		1-	A	B3
C 6002	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 6004	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 6005	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6006	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6007	MICA CAP.	400pF	3KV		DML4 401J30	K30355401		1-	A	B3
C 6008	MICA CAP.	200pF	3KV		DML4 201J30	K30355201		1-	A	C3
C 6009	MICA CAP.	100pF	3KV		DML4 101J30	K30355101		1-	A	C3
C 6011	MICA CAP.	400pF	3KV		DML4 401J30	K30355401		1-	A	D3
C 6012	MICA CAP.	200pF	3KV		DML4 201J30	K30355201		1-	A	D3
C 6013	MICA CAP.	100pF	3KV		DML4 101J30	K30355101		1-	A	D3
C 6014	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D6
C 6015	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 6016	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 6017	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 6018	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6019	MICA CAP.	47pF	2.5KV		DM30E470J25-0	K30349017		1-	A	E3
C 6020	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 6021	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E5
C 6022	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F6
C 6023	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	A1
C 6024	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 6025	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 6026	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6027	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6028	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G5
C 6029	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 6030	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 6031	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G4
C 6032	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 6033	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6034	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6035	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 6036	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G3
C 6037	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 6038	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6039	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 6040	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 6041	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 6042	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 6043	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 6044	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 6045	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6057	CERAMIC CAP.	10pF	500V	CH	RT-HM60SKCH100D	K26270151		1-	A	C1
C 6058	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	D1
C 6059	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	C2
C 6060	CHIP CAP.	0.047uF	25V	F	GRM39F473Z25PT	K22145002		1-	A	D2
C 6061	CERAMIC CAP.	220pF	500V	SL	RT-HM95SKSL221J	K26270061		1-	A	D1
C 6069	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6070	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6071	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6072	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6073	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6074	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6075	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	E6
C 6076	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	D6
C 6077	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	D2
C 6078	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6079	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6080	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6081	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6082	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6083	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
D 6001	SURGE ABSORBER				DSA-301LA	Q9000371		1-	A	C1
D 6002	DIODE				SB11-04HP-TR	G2070866		1-	A	A2
D 6003	DIODE				SB11-04HP-TR	G2070866		1-	A	A2
D 6004	DIODE				BAS316	G2070716		1-	A	A2
D 6005	DIODE				BAS316	G2070716		1-	A	A2
D 6006	DIODE				BAS316	G2070716		1-	A	A2
D 6007	DIODE				BAS316	G2070716		1-	A	A2
D 6008	DIODE				BAS316	G2070716		1-	A	A3

TUNER-MAIN Unit

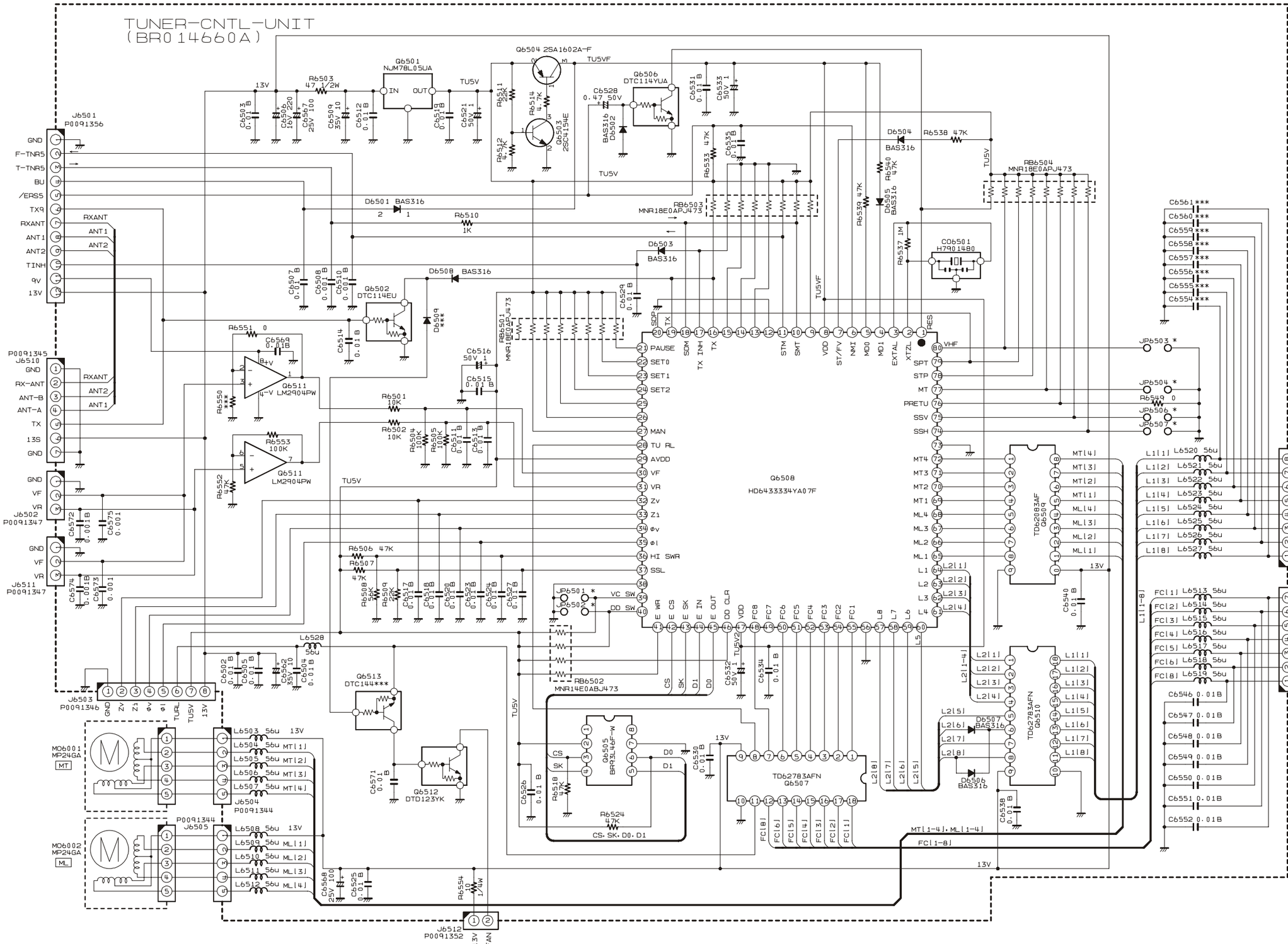
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
D 6009	DIODE				BAS316	G2070716		1-	A	A3
D 6010	DIODE				1SS106	G2090244		1-	A	A3
D 6011	DIODE				1SS106	G2090244		1-	A	A3
D 6018	DIODE				SB11-04HP-TR	G2070866		1-	A	D1
D 6019	DIODE				SB11-04HP-TR	G2070866		1-	A	D1
J 6001	CONNECTOR				S-Q3063#01	P1090295		1-	A	A2
J 6002	CONNECTOR				S-Q3063#01	P1090295		1-	A	E3
J 6003	CONNECTOR				S-Q3063#01	P1090295		1-	A	D1
J 6009	CONNECTOR				SC25-03WS	P0090622		1-	A	D2
J 6010	CONNECTOR				S-Q3063#01	P1090295		1-	A	B2
JP6001	WIRE ASSY				AH010H	T9207144		1-	A	C2
JP6002	WIRE ASSY				AH010H	T9207145A		1-	A	D6
JP6003	WIRE ASSY				AH010H	T9207146B		1-	A	B3
L 6001	COIL A1				2.5T11D2.0UEW R	L0022471		1-	A	E4
L 6002	COIL A1				2.5T15D2.0PVF R	L0021949		1-	A	E5
L 6003	TOROIDAL COIL				2001F FR9.5	L0022453		1-	A	A1
L 6004	COIL F1				4.5T9.0D2.0PVF R	L0022852		1-	A	F5
L 6005	M.RFC	1mH			LAL03TA102K	L1790119		1-	A	A1
L 6006	COIL A1				4.5T15D2.0PVF R	L0021950		1-	A	F5
L 6007	COIL F1				6.5T20D2.0PVF R	L0022851		1-	A	F4
L 6008	COIL A1				9.5T19D2.0PVF R	L0021952		1-	A	F3
L 6009	TOROIDAL COIL	2.55uH			2.55U T106-2	L0022680		1-	A	G2
L 6010	TOROIDAL COIL	2.55uH			2.55U T106-2	L0022680		1-	A	F2
L 6011	TOROIDAL COIL	2.55uH			2.55U T106-2	L0022680		1-	A	F2
L 6012	M.RFC	22uH			LAP02TA220K	L1790062		1-	A	A2
L 6018	M.RFC	1mH			LAL03NA102K	L1190189		1-	A	C2
L 6019	TOROIDAL COIL	110uH			110U RI9.3-4.8-5	L0021859		1-	A	D1
L 6020	M.RFC	1mH			LAL03NA102K	L1190189		1-	A	D2
MO6001	STEPPING MOTOR				MP24GA(250-OHM)	M2190023		1-		
MO6002	STEPPING MOTOR				MP24GA(250-OHM)	M2190023		1-		
P 6003	WIRE ASSY				GRA 130 PINL/PINL	T9318156		1-		
Q 6001	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	A1
Q 6002	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	A1
Q 6003	TRANSISTOR				2SC2620QBTR	G3326207B		1-	A	A2
Q 6004	TRANSISTOR				2SC2620QBTR	G3326207B		1-	A	A2
Q 6005	IC				NJM2904M-TE2	G1093091		1-	A	A3
Q 6006	IC				TC74AC08F TP2	G1091283		1-	A	A2
Q 6007	IC				TC74AC112F(EL)	G1093667		1-	A	A2
R 6001	CHIP RES.	22	1/2W	5%	RMC1/2 220JCTP	J24275220		1-	A	A2
R 6002	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	A1
R 6003	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A1
R 6004	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 6005	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 6006	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A1
R 6007	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	A1
R 6008	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	A1
R 6009	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A2
R 6010	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A2
R 6011	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	A2
R 6012	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	A2
R 6013	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A3
R 6014	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 6015	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	A	A3
R 6016	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	A	A3
R 6017	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 6018	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	A	A2
R 6019	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 6020	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		1-	A	A2
R 6021	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A3
R 6022	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A3
R 6023	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A3
R 6024	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A3
R 6025	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A3
R 6026	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A3
R 6027	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A3
R 6028	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A3
R 6036	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C2
R 6037	CHIP RES.	47	1W	5%	RMC1 470JTE	J24305470		1-	A	D1
R 6038	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 6039	CHIP RES.	47	1W	5%	RMC1 470JTE	J24305470		1-	A	D1
R 6040	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D2
R 6041	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D2
RL6001	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	B2

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
RL6003	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	C2
RL6004	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	C2
RL6005	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	C2
RL6007	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	D2
RL6008	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	D2
RL6009	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	E2
RL6010	RELAY		DC12V		G2R-1-E DC12V	M1190141		1-	A	D5
RL6011	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	E2
RL6012	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	E5
RL6014	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	F6
RL6015	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	G5
RL6016	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	G4
RL6017	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	G3
RL6018	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	G1
RL6019	RELAY		DC12V		AJQ8341 DC12V	M1190115		1-	A	F1
RL6020	RELAY		DC12V		JS-12-K DC12V	M1190154		1-	A	B1
RL6021	RELAY		DC12V		JS-12-K DC12V	M1190154		1-	A	B2
TC6001	TRIMMER CAP.	10pF			CVB10-41 10PF	K91000247		1-	A	A1
TC6002	TRIMMER CAP.	20pF			ECV1ZW20X53T 20PF	K91000029		1-	A	D1
TP6001	TERMINAL				TP-K IPS-1136	Q5000050		1-	A	A3
TP6002	TERMINAL				TP-K IPS-1136	Q5000050		1-	A	A3
VC6001	VARIABLE CAP.	125pF			KV-125-05A	K90000052		1-	A	B5
VC6002	VARIABLE CAP.	125pF			KV-125-05A	K90000052		1-	A	C5
	MOTOR HOLDER ASSY					RA0005700		1-		
	UNIVERSAL JOINT				SM-1116-7	S1000009		1-		
	SPACER				3X3	S5000198		1-		
	SHIELD CASE					RA0701300		1-		

TUNER-MAIN Unit

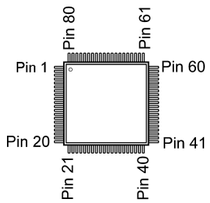
Note:


TUNER-CNTL-UNIT
(BR014660A)
J6501
P0091356
GND
F-TNR5
T-TNR5
BU
/ERS5
TX9
RXANT
ANT1
ANT2
TINH
9V
13V
RXANT
ANT1
ANT2
P0091345
J6510
GND
RX-ANT
ANT-B
ANT-A
TX
13S
GND
RXANT
ANT2
ANT1
GND
VF
VR
J6502
P0091347
GND
VF
VR
J6511
P0091347
J6503
P0091346
GND
ZV
Z1
ΦV
ΦI
TUNL
TU5V
13V
MD6001
MP24GA
MT
MD6002
MP24GA
ML
J6504
P0091344
P0091344
J6505
J6512
P0091352
13V
FAN
Q6501
NJM78L05UA
IN
OUT
Q6504 2SA1602A-F
Q6503
2SC4154E
Q6506
DTC114YUA
Q6502
DTC114EU
Q6511
LM2904PW
Q6511
LM2904PW
Q6513
DTC144***
Q6512
DTD123YK
Q6508
HD6433334YA07F
Q6505
BA93L06F-W
TD62783AFN
Q6507
TD62783AFN
Q6510
TU5VF
TU5V
D6501 BAS316
D6503
BAS316
D6504
BAS316
D6505
BAS316
D6506
BAS316
D6507
BAS316
D6508 BAS316
D6509
***
RB6501
MNR18E0APJ473
RB6502
MNR14E0ABJ473
RB6503
MNR18E0APJ473
RB6504
MNR18E0APJ473
C6501
H7901480
PAUSE
SET0
SET1
SET2
MAN
TU RL
AVDD
VF
VR
Zv
Z1
Φv
Φ1
HI SWR
SSL
VC SW
DD SW
E WR
E CS
E SK
E IN
E OUT
DD CLR
VDD
FC8
FC7
FC6
FC5
FC4
FC3
FC2
FC1
L8
L7
L6
L5
SDP
TX
SDM
TX INH
TX
STM
SMT
VDD
ST/FV
NMI
MD0
MD1
EXTAL
XTAL
RES
VHF
SPT
STP
MT
PRETU
SSV
SSH
MT4
MT3
MT2
MT1
ML4
ML3
ML2
ML1
L1
L2
L3
L4
MT[4]
MT[3]
MT[2]
MT[1]
ML[4]
ML[3]
ML[2]
ML[1]
L1[1]
L1[2]
L1[3]
L1[4]
L1[5]
L1[6]
L1[7]
L1[8]
L2[1]
L2[2]
L2[3]
L2[4]
L2[5]
L2[6]
L2[7]
L2[8]
FC[1]
FC[2]
FC[3]
FC[4]
FC[5]
FC[6]
FC[7]
FC[8]
MT[1-4], ML[1-4]
FC[1-8]
CS
SK
D1
D0
CS: SK, D0, D1
L6520 56u
L6521 56u
L6522 56u
L6523 56u
L6524 56u
L6525 56u
L6526 56u
L6527 56u
L6513 56u
L6514 56u
L6515 56u
L6516 56u
L6517 56u
L6518 56u
L6519 56u
L6503 56u 13V
L6504 56u MT[1]
L6505 56u MT[2]
L6506 56u MT[3]
L6507 56u MT[4]
L6508 56u 13V
L6509 56u ML[1]
L6510 56u ML[2]
L6511 56u ML[3]
L6512 56u ML[4]
L6528
56u
P0091346
J6508
P0091345
J6509
JP6501 *
JP6502 *
JP6503 *
JP6504 *
JP6506 *
JP6507 *
RB6502
MNR14E0ABJ473
TD62183AF
Q6509
TD62183AF
Q6504
C6561***
C6560***
C6559***
C6558***
C6557***
C6556***
C6555***
C6554***
C6546 0.01B
C6547 0.01B
C6548 0.01B
C6549 0.01B
C6550 0.01B
C6551 0.01B
C6552 0.01B
R6549 0
R6538 47K
R6539 47K
R6540 47K
R6537 1M
R6533 47K
R6510 1K
R6551 0
R6550 ***
R6553 100K
R6552 47K
R6501 10K
R6502 10K
R6504 10K
R6505 100K
R6506 47K
R6507 47K
R6508 56K
R6509 47K
R6511 56K
R6512 4.7K
R6513 47K
R6514 4.7K
R6524 47K
R6554 10 1/4W
C6503 0.01B
C6506 16V 220
C6567 25V 100
C6509 35V 10
C6512 0.01B
C6518 0.01B
C6521 50V 1
C6528 0.47 50V
C6531 0.01B
C6533 50V 1
C6535 0.01B
C6540 0.01B
C6507 0.01B
C6508 0.001B
C6510 0.001B
C6514 0.01B
C6529 0.01B
C6516 50V 1
C6515 0.01B
C6513 0.01B
C6569 0.01B
C6572 0.001B
C6575 0.001
C6574 0.001B
C6573 0.001
C6517 0.01B
C6518 0.01B
C6520 0.01B
C6523 0.01B
C6524 0.01B
C6527 0.01B
C6502 0.01B
C6505 0.01B
C6503 35V 10
C6504 0.01B
C6526 0.01B
C6530 0.01B
C6538 0.01B
C6534 0.01B
C6532 50V 1
C6571 0.01B
C6568 25V 100
C6525 0.01B
CS
SK
D1
D0

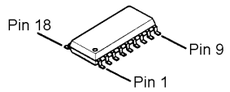
TUNER-CNTL Unit

Note

Parts Layout (Side A)

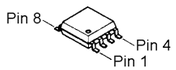


HD6433334YA07F
(Q6508)

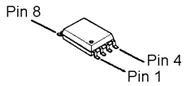


TD62083AF
(Q6509)

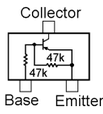
TD62783AFN
(Q6507, 6510)



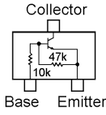
BR93L46F
(Q6505)



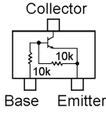
LM2904PWR
(Q6511)



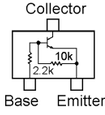
DTA144EE (16)
(Q6513)



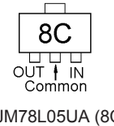
DTC114YUA (64)
(Q6506)



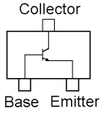
DTC114EU (24)
(Q6502)



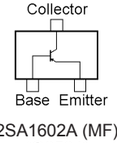
DTD123YK (F62)
(Q6512)



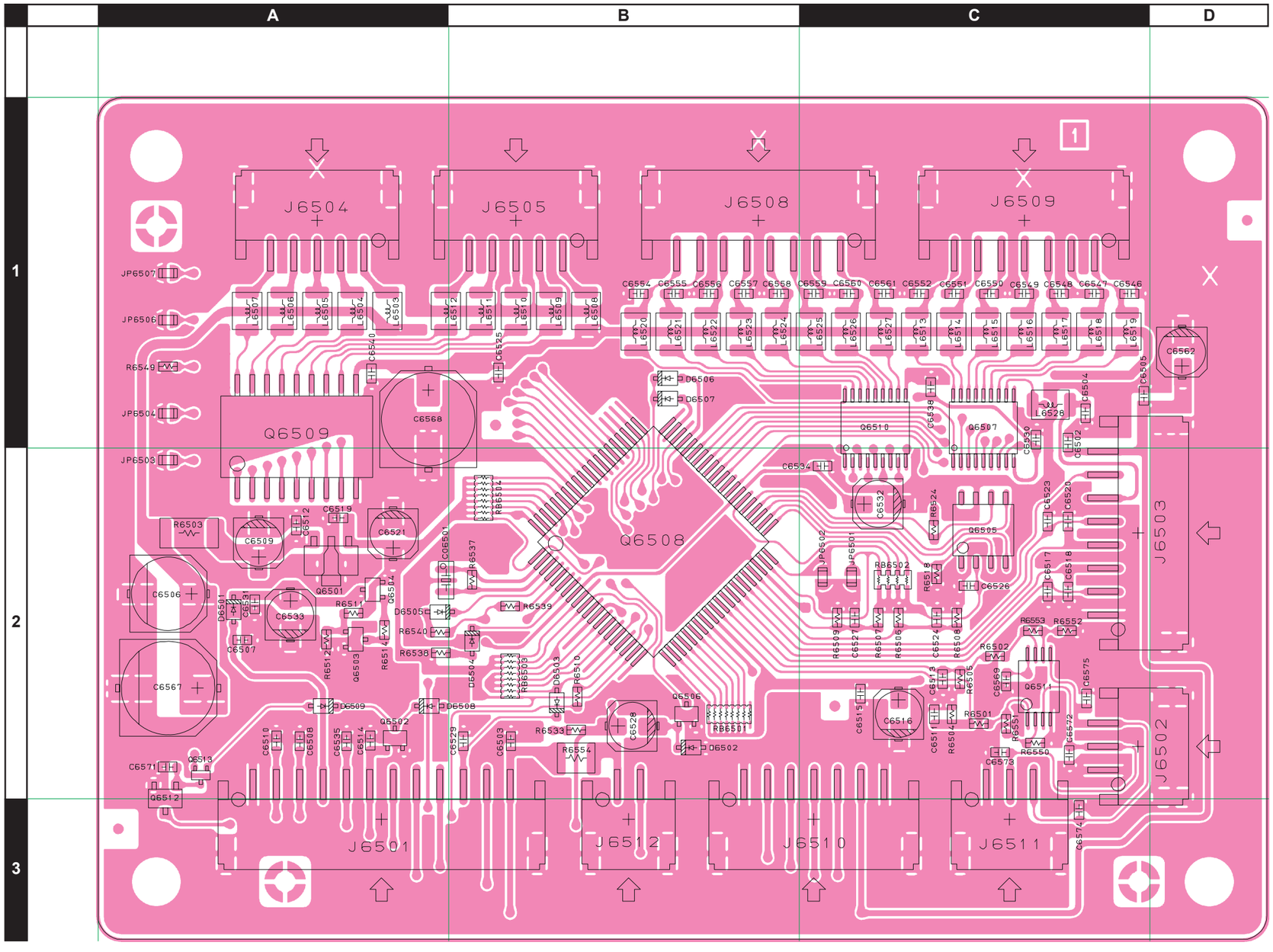
NJM78L05UA (8C)
(Q6501)



2SC4154E (E)
(Q6503)

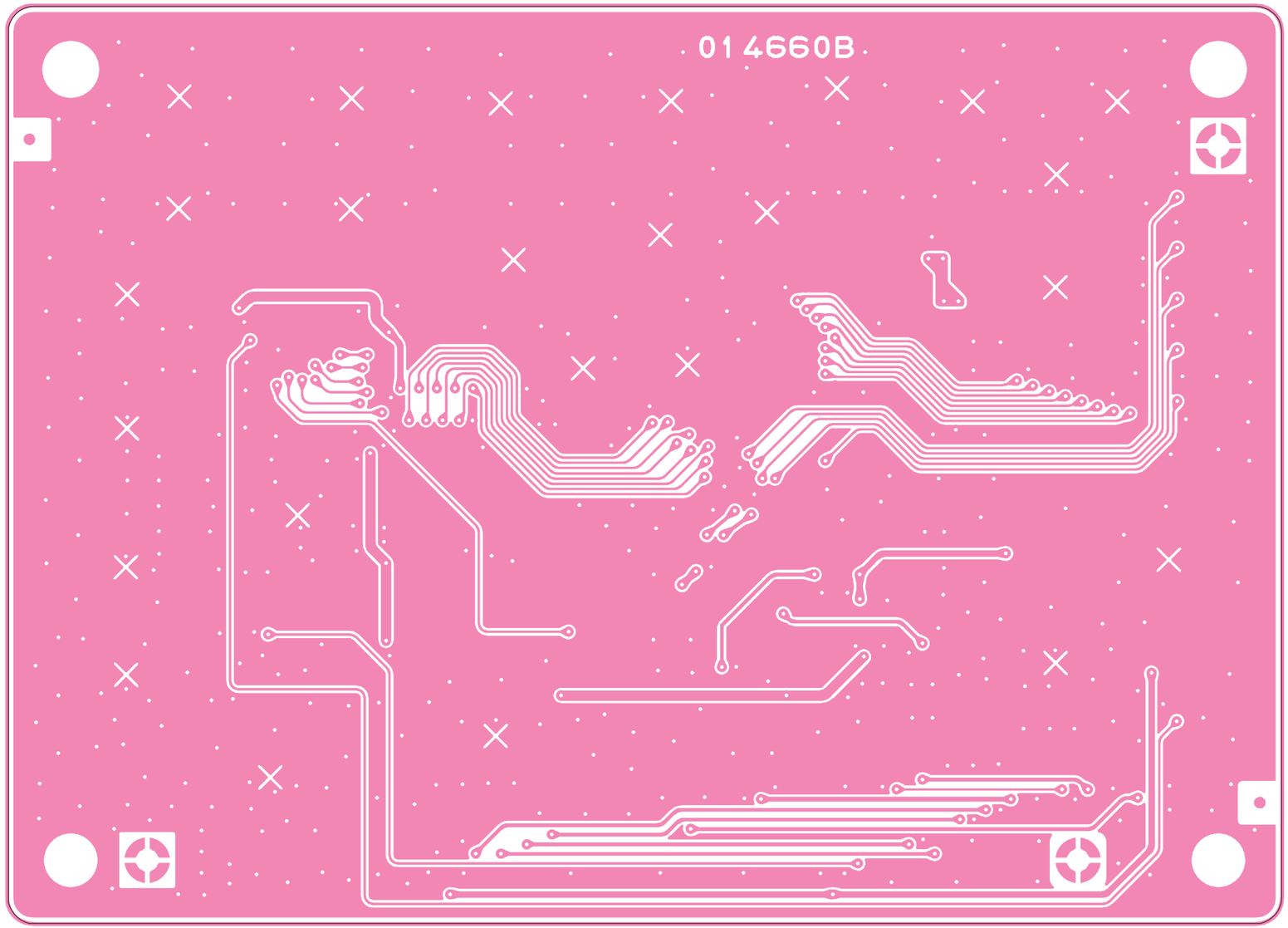


2SA1602A (MF)
(Q6504)



TUNER-CNTL Unit

Parts Layout (Side B)

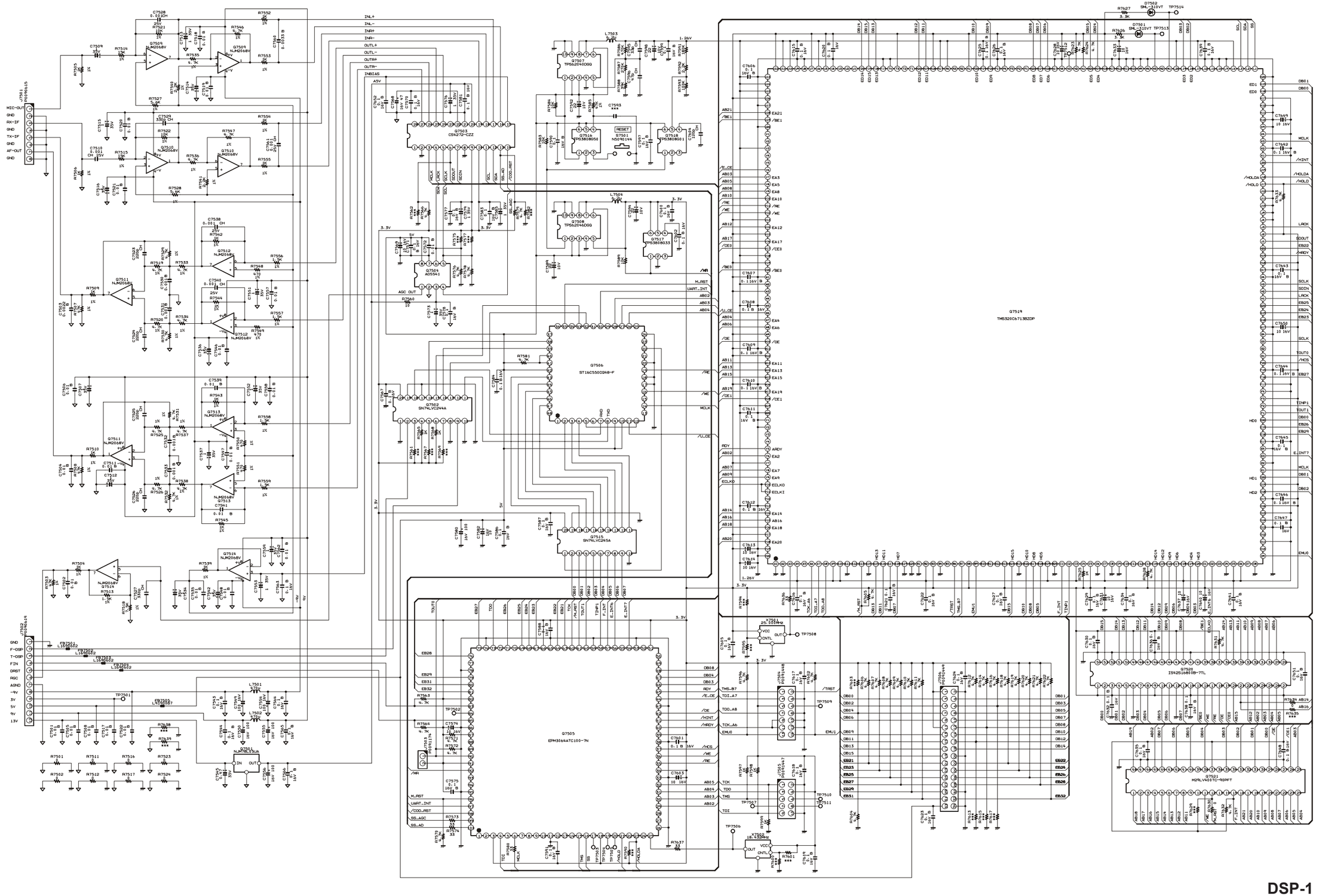


REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3490001				
	Printed Circuit Board				AH025H000	FR014660B		1-		
C 6502	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6503	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 6504	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6505	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6506	AL.ELECTRO.CAP.	220uF	16V		MVA16VC220MF80	K48120021		1-	A	A2
C 6507	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6508	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 6509	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	A2
C 6510	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 6511	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6512	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6513	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6514	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6515	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6516	AL.ELECTRO.CAP.	1uF	50V		EEE1HA010SR	K48170027		1-	A	C2
C 6517	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6518	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6519	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6520	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6521	AL.ELECTRO.CAP.	1uF	50V		EEE1HA010SR	K48170027		1-	A	A2
C 6523	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6524	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6525	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B1
C 6526	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6527	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6528	AL.ELECTRO.CAP.	0.47uF	50V		EEE1HAR47SR	K48170023		1-	A	B2
C 6529	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 6530	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6531	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6532	AL.ELECTRO.CAP.	1uF	50V		EEE1HA010SR	K48170027		1-	A	C2
C 6533	AL.ELECTRO.CAP.	1uF	50V		EEE1HA010SR	K48170027		1-	A	A2
C 6534	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6535	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6538	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6540	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 6546	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6547	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6548	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6549	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6550	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6551	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6552	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C1
C 6562	AL.ELECTRO.CAP.	10uF	35V		EEE1VA100WR	K48160006		1-	A	D1
C 6567	AL.ELECTRO.CAP.	100uF	25V		EEE1EA101UP	K48140018		1-	A	A2
C 6568	AL.ELECTRO.CAP.	100uF	25V		EEE1EA101UP	K48140018		1-	A	A1
C 6569	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 6571	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 6572	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6573	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
C 6574	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C3
C 6575	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	C2
CO6501	CERAMIC OSC				CSTCE16M0V53-R0	H7901480		1-	A	A2
D 6501	DIODE				BAS316	G2070716		1-	A	A2
D 6502	DIODE				BAS316	G2070716		1-	A	B2
D 6503	DIODE				BAS316	G2070716		1-	A	B2
D 6504	DIODE				BAS316	G2070716		1-	A	B2
D 6505	DIODE				BAS316	G2070716		1-	A	A2
D 6506	DIODE				BAS316	G2070716		1-	A	B1
D 6507	DIODE				BAS316	G2070716		1-	A	B1
D 6508	DIODE				BAS316	G2070716		1-	A	A2
D 6509	DIODE				BAS316	G2070716		1-	A	A2
J 6501	CONNECTOR				S12B-PH-SM3-TB	P0091356		1-	A	A3
J 6502	CONNECTOR				S3B-PH-SM3-TB	P0091347		1-	A	C2
J 6503	CONNECTOR				S8B-PH-SM3-TB	P0091346		1-	A	C2
J 6504	CONNECTOR				S5B-PH-SM3-TB	P0091344		1-	A	A1
J 6505	CONNECTOR				S5B-PH-SM3-TB	P0091344		1-	A	B1
J 6508	CONNECTOR				S8B-PH-SM3-TB	P0091346		1-	A	B1
J 6509	CONNECTOR				S7B-PH-SM3-TB	P0091345		1-	A	C1
J 6510	CONNECTOR				S7B-PH-SM3-TB	P0091345		1-	A	C3
J 6511	CONNECTOR				S3B-PH-SM3-TB	P0091347		1-	A	C3
J 6512	CONNECTOR				S2B-PH-SM3-TB	P0091352		1-	A	B3

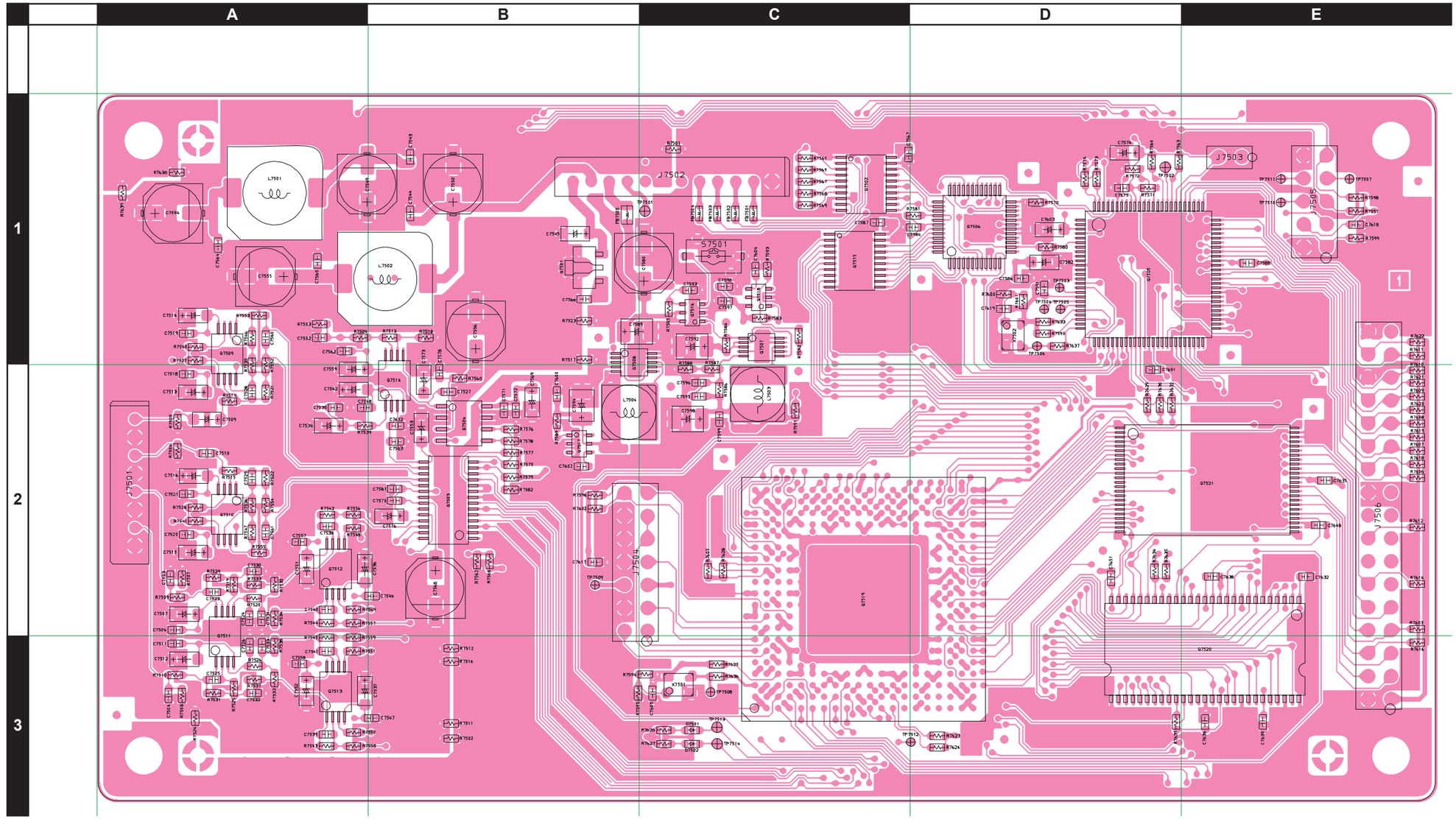
TUNER-CNTL Unit

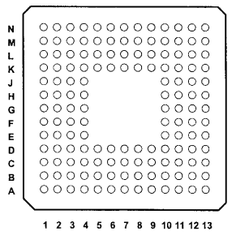
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
L 6503	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	A1
L 6504	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	A1
L 6505	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	A1
L 6506	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	A1
L 6507	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	A1
L 6508	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6509	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6510	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6511	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6512	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	A1
L 6513	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6514	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6515	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6516	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6517	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6518	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6519	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6520	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6521	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6522	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6523	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6524	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	B1
L 6525	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6526	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6527	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
L 6528	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	C1
Q 6501	IC				NJM78L05UA-TE1	G1091325		1-	A	A2
Q 6502	TRANSISTOR				DTC114EUA T106	G3070084		1-	A	A2
Q 6503	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	A	A2
Q 6504	TRANSISTOR				2SA1602A-T11-1F	G3116028F		1-	A	A2
Q 6505	IC				BR93L46F-WE2	G1093884		1-	A	C2
Q 6506	TRANSISTOR				DTC114YUA T106	G3070298		1-	A	B2
Q 6507	IC				TD62783AFN(EL)	G1092700		1-	A	C1
Q 6508	IC				HD6433334YA07F	G1092665		1-	A	B2
Q 6509	IC				TD62083AF(EL)	G1094247		1-	A	A1
Q 6510	IC				TD62783AFN(EL)	G1092700		1-	A	C1
Q 6511	IC				LM2904PWR	G1094010		1-	A	C2
Q 6512	TRANSISTOR				DTD123YK T146	G3070157		1-	A	A2
Q 6513	TRANSISTOR				DTA144EE TL	G3070074		1-	A	A2
R 6501	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 6502	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 6503	CHIP RES.	47	1/2W	5%	RMC1/2 470JCTP	J24275470		1-	A	A2
R 6504	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 6505	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 6506	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 6507	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 6508	CHIP RES.	56k	1/16W	5%	RMC1/16 563JATP	J24185563		1-	A	C2
R 6509	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C2
R 6510	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 6511	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	A2
R 6512	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A2
R 6514	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A2
R 6518	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 6524	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 6533	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B2
R 6537	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	B2
R 6538	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A2
R 6539	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B2
R 6540	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A2
R 6549	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A1
R 6551	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C2
R 6552	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 6553	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C2
R 6554	CHIP RES.	33	1/4W	5%	RMC1/4 330JATP	J24245330		1-	A	B2
RB6501	BLOCK RES.				MNR18E0APJ473	J42900034		1-	A	B2
RB6502	BLOCK RES.				MNR14E0ABJ473	J42900031		1-	A	C2
RB6503	BLOCK RES.				MNR18E0APJ473	J42900034		1-	A	B2
RB6504	BLOCK RES.				MNR18E0APJ473	J42900034		1-	A	B2


MIC-OUT
GND
RX-IF
GND
TX-IF
GND
AF-OUT
GND
INL+
INL-
INR+
INR-
OUTL+
OUTL-
OUTR+
OUTR-
INBIAS
A5V
Q7503
CS4272-CZZ
Q7505
EPM3064ATC100-7N
Q7506
ST16C550CQ48-F
Q7502
SN74LVC244A
Q7515
SN74LVC245A
Q7519
TMS320C6713BZDP
Q7520
IS42S16800B-7TL
Q7522
M29W160ET-90PBT
Q7516
TPS5619050
Q7518
TPS5619001
Q7508
TPS62040DDG
Q7507
TPS62040DDG
Q7517
PS5808033
Q7509
NJM2068V
Q7510
NJM2068V
Q7511
NJM2068V
Q7512
NJM2068V
Q7513
NJM2068V
Q7514
NJM2068V
Q7504
NJM2068V
Q7509
NJM2068V
Q7569
NJM2068V
Q7569
NJM2068V
Q7549
AD9041
Q7261
NJM78L05UA
RESET
S7501
NS7G114
X7501
25.0108Hz
X7502
18.432MHz
TP7501
TP7502
TP7503
TP7504
TP7505
TP7506
TP7507
TP7508
TP7509
TP7510
TP7511
TP7512
TP7513
TP7514
D7501
SM_310VT
D7502
SM_310VT
D7503
SM_310VT
L7501
L7502
L7503
L7504
L7505
L7506
L7507
L7508
L7509
L7510
L7511
L7512
L7513
L7514
L7515
L7516
L7517
L7518
L7519
L7520
L7521
L7522
L7523
L7524
L7525
L7526
L7527
L7528
L7529
L7530
L7531
L7532
L7533
L7534
L7535
L7536
L7537
L7538
L7539
L7540
L7541
L7542
L7543
L7544
L7545
L7546
L7547
L7548
L7549
L7550
L7551
L7552
L7553
L7554
L7555
L7556
L7557
L7558
L7559
L7560
L7561
L7562
L7563
L7564
L7565
L7566
L7567
L7568
L7569
L7570
L7571
L7572
L7573
L7574
L7575
L7576
L7577
L7578
L7579
L7580
L7581
L7582
L7583
L7584
L7585
L7586
L7587
L7588
L7589
L7590
L7591
L7592
L7593
L7594
L7595
L7596
L7597
L7598
L7599
L7600
L7601
L7602
L7603
L7604
L7605
L7606
L7607
L7608
L7609
L7610
L7611
L7612
L7613
L7614
L7615
L7616
L7617
L7618
L7619
L7620
L7621
L7622
L7623
L7624
L7625
L7626
L7627
L7628
L7629
L7630
L7631
L7632
L7633
L7634
L7635
L7636
L7637
L7638
L7639
L7640
L7641
L7642
L7643
L7644
L7645
L7646
L7647
L7648
L7649
L7650
L7651
L7652
L7653
L7654
L7655
L7656
L7657
L7658
L7659
L7660
L7661
L7662
L7663
L7664
L7665
L7666
L7667
L7668
L7669
L7670
L7671
L7672
L7673
L7674
L7675
L7676
L7677
L7678
L7679
L7680
L7681
L7682
L7683
L7684
L7685
L7686
L7687
L7688
L7689
L7690
L7691
L7692
L7693
L7694
L7695
L7696
L7697
L7698
L7699
L7700
L7701
L7702
L7703
L7704
L7705
L7706
L7707
L7708
L7709
L7710
L7711
L7712
L7713
L7714
L7715
L7716
L7717
L7718
L7719
L7720
L7721
L7722
L7723
L7724
L7725
L7726
L7727
L7728
L7729
L7730
L7731
L7732
L7733
L7734
L7735
L7736
L7737
L7738
L7739
L7740
L7741
L7742
L7743
L7744
L7745
L7746
L7747
L7748
L7749
L7750
L7751
L7752
L7753
L7754
L7755
L7756
L7757
L7758
L7759
L7760
L7761
L7762
L7763
L7764
L7765
L7766
L7767
L7768
L7769
L7770
L7771
L7772
L7773
L7774
L7775
L7776
L7777
L7778
L7779
L7780
L7781
L7782
L7783
L7784
L7785
L7786
L7787
L7788
L7789
L7790
L7791
L7792
L7793
L7794
L7795
L7796
L7797
L7798
L7799
L7800
L7801
L7802
L7803
L7804
L7805
L7806
L7807
L7808
L7809
L7810
L7811
L7812
L7813
L7814
L7815
L7816
L7817
L7818
L7819
L7820
L7821
L7822
L7823
L7824
L7825
L7826
L7827
L7828
L7829
L7830
L7831
L7832
L7833
L7834
L7835
L7836
L7837
L7838
L7839
L7840
L7841
L7842
L7843
L7844
L7845
L7846
L7847
L7848
L7849
L7850
L7851
L7852
L7853
L7854
L7855
L7856
L7857
L7858
L7859
L7860
L7861
L7862
L7863
L7864
L7865
L7866
L7867
L7868
L7869
L7870
L7871
L7872
L7873
L7874
L7875
L7876
L7877
L7878
L7879
L7880
L7881
L7882
L7883
L7884
L7885
L7886
L7887
L7888
L7889
L7890
L7891
L7892
L7893
L7894
L7895
L7896
L7897
L7898
L7899
L7900
L7901
L7902
L7903
L7904
L7905
L7906
L7907
L7908
L7909
L7910
L7911
L7912
L7913
L7914
L7915
L7916
L7917
L7918
L7919
L7920
L7921
L7922
L7923
L7924
L7925
L7926
L7927
L7928
L7929
L7930
L7931
L7932
L7933
L7934
L7935
L7936
L7937
L7938
L7939
L7940
L7941
L7942
L7943
L7944
L7945
L7946
L7947
L7948
L7949
L7950
L7951
L7952
L7953
L7954
L7955
L7956
L7957
L7958
L7959
L7960
L7961
L7962
L7963
L7964
L7965
L7966
L7967
L7968
L7969
L7970
L7971
L7972
L7973
L7974
L7975
L7976
L7977
L7978
L7979
L7980
L7981
L7982
L7983
L7984
L7985
L7986
L7987
L7988
L7989
L7990
L7991
L7992
L7993
L7994
L7995
L7996
L7997
L7998
L7999
L8000
L8001
L8002
L8003
L8004
L8005
L8006
L8007
L8008
L8009
L8010
L8011
L8012
L8013
L8014
L8015
L8016
L8017
L8018
L8019
L8020
L8021
L8022
L8023
L8024
L8025
L8026
L8027
L8028
L8029
L8030
L8031
L8032
L8033
L8034
L8035
L8036
L8037
L8038
L8039
L8040
L8041
L8042
L8043
L8044
L8045
L8046
L8047
L8048
L8049
L8050
L8051
L8052
L8053
L8054
L8055
L8056
L8057
L8058
L8059
L8060
L8061
L8062
L8063
L8064
L8065
L8066
L8067
L8068
L8069
L8070
L8071
L8072
L8073
L8074
L8075
L8076
L8077
L8078
L8079
L8080
L8081
L8082
L8083
L8084
L8085
L8086
L8087
L8088
L8089
L8090
L8091
L8092
L8093
L8094
L8095
L8096
L8097
L8098
L8099
L8100
L8101
L8102
L8103
L8104
L8105
L8106
L8107
L8108
L8109
L8110
L8111
L8112
L8113
L8114
L8115
L8116
L8117
L8118
L8119
L8120
L8121
L8122
L8123
L8124
L8125
L8126
L8127
L8128
L8129
L8130
L8131
L8132
L8133
L8134
L8135
L8136
L8137
L8138
L8139
L8140
L8141
L8142
L8143
L8144
L8145
L8146
L8147
L8148
L8149
L8150
L8151
L8152
L8153
L8154
L8155
L8156
L8157
L8158
L8159
L8160
L8161
L8162
L8163
L8164
L8165
L8166
L8167
L8168
L8169
L8170
L8171
L8172
L8173
L8174
L8175
L8176
L8177
L8178
L8179
L8180
L8181
L8182
L8183
L8184
L8185
L8186
L8187
L8188
L8189
L8190
L8191
L8192
L8193
L8194
L8195
L8196
L8197
L8198
L8199
L8200
L8201
L8202
L8203
L8204
L8205
L8206
L8207
L8208
L8209
L8210
L8211
L8212
L8213
L8214
L8215
L8216
L8217
L8218
L8219
L8220
L8221
L8222
L8223
L8224
L8225
L8226
L8227
L8228
L8229
L8230
L8231
L8232
L8233
L8234
L8235
L8236
L8237
L8238
L8239
L8240
L8241
L8242
L8243
L8244
L8245
L8246
L8247
L8248
L8249
L8250
L8251
L8252
L8253
L8254
L8255
L8256
L8257
L8258
L8259
L8260
L8261
L8262
L8263
L8264
L8265
L8266
L8267
L8268
L8269
L8270
L8271
L8272
L8273
L8274
L8275
L8276
L8277
L8278
L8279
L8280
L8281
L8282
L8283
L8284
L8285
L8286
L8287
L8288
L8289
L8290
L8291
L8292
L8293
L8294
L8295
L8296
L8297
L8298
L8299
L8300
L8301
L8302
L8303
L8304
L8305
L8306
L8307
L8308
L8309
L8310
L8311
L8312
L8313
L8314
L8315
L8316
L8317
L8318
L8319
L8320
L8321
L8322
L8323
L8324
L8325
L8326
L8327
L8328
L8329
L8330
L8331
L8332
L8333
L8334
L8335
L8336
L8337
L8338
L8339
L8340
L8341
L8342
L8343
L8344
L8345
L8346
L8347
L8348
L8349
L8350
L8351
L8352
L8353
L8354
L8355
L8356
L8357
L8358
L8359
L8360
L8361
L8362
L8363
L8364
L8365
L8366
L8367
L8368
L8369
L8370
L8371
L8372
L8373
L8374
L8375
L8376
L8377
L8378
L8379
L8380
L8381
L8382
L8383
L8384
L8385
L8386
L8387
L8388
L8389
L8390
L8391
L8392
L8393
L8394
L8395
L8396
L8397
L8398
L8399
L8400
L8401
L8402
L8403
L8404
L8405
L8406
L8407
L8408
L8409
L8410
L8411
L8412
L8413
L8414
L8415
L8416
L8417
L8418
L8419
L8420
L8421
L8422
L8423
L8424
L8425
L8426
L8427
L8428
L8429
L8430
L8431
L8432
L8433
L8434
L8435
L8436
L8437
L8438
L8439
L8440
L8441
L8442
L8443
L8444
L8445
L8446
L8447
L8448
L8449
L8450
L8451
L8452
L8453
L8454
L8455
L8456
L8457
L8458
L8459
L8460
L8461
L8462
L8463
L8464
L8465
L8466
L8467
L8468
L8469
L8470
L8471
L8472
L8473
L8474
L8475
L8476
L8477
L8478
L8479
L8480
L8481
L8482
L8483
L8484
L8485
L8486
L8487
L8488
L8489
L8490
L8491
L8492
L8493
L8494
L8495
L8496
L8497
L8498
L8499
L8500
L8501
L8502
L8503
L8504
L8505
L8506
L8507
L8508
L8509
L8510
L8511
L8512
L8513
L8514
L8515
L8516
L8517
L8518
L8519
L8520
L8521
L8522
L8523
L8524
L8525
L8526
L8527
L8528
L8529
L8530
L8531
L8532
L8533
L8534
L8535
L8536
L8537
L8538
L8539
L8540
L8541
L8542
L8543
L8544
L8545
L8546
L8547
L8548
L8549
L8550
L8551
L8552
L8553
L8554
L8555
L8556
L8557
L8558
L8559
L8560
L8561
L8562
L8563
L8564
L8565
L8566
L8567
L8568
L8569
L8570
L8571
L8572
L8573
L8574
L8575
L8576
L8577
L8578
L8579
L8580
L8581
L8582
L8583
L8584
L8585
L8586
L8587
L8588
L8589
L8590
L8591
L8592
L8593
L8594
L8595
L8596
L8597
L8598
L8599
L8600
L8601
L8602
L8603
L8604
L8605
L8606
L8607
L8608
L8609
L8610
L8611
L8612
L8613
L8614
L8615
L8616
L8617
L8618
L8619
L8620
L8621
L8622
L8623
L8624
L8625
L8626
L8627
L8628
L8629
L8630
L8631
L8632
L8633
L8634
L8635
L8636
L8637
L8638
L8639
L8640
L8641
L8642
L8643
L8644
L8645
L8646
L8647
L8648
L8649
L8650
L8651
L8652
L8653
L8654
L8655
L8656
L8657
L8658
L8659
L8660
L8661
L8662
L8663
L8664
L8665
L8666
L8667
L8668
L8669
L8670
L8671
L8672
L8673
L8674
L8675
L8676
L8677
L8678
L8679
L8680
L8681
L8682
L8683
L8684
L8685
L8686
L8687
L8688
L8689
L8690
L8691
L8692
L8693
L8694
L8695
L8696
L8697
L8698
L8699
L8700
L8701
L8702
L8703
L8704
L8705
L8706
L8707
L8708
L8709
L8710
L8711
L8712
L8713
L8714
L8715
L8716
L8717
L8718
L8719
L8720
L8721
L8722
L8723
L8724
L8725
L8726
L8727
L8728
L8729
L8730
L8731
L8732
L8733
L8734
L8735
L8736
L8737
L8738
L8739
L8740
L8741
L8742
L8743
L8744
L8745
L8746
L8747
L8748
L8749
L8750
L8751
L8752
L8753
L8754
L8755
L8756
L8757
L8758
L8759
L8760
L8761
L8762
L8763
L8764
L8765
L8766
L8767
L8768
L8769
L8770
L8771
L8772
L8773
L8774
L8775
L8776
L8777
L8778
L8779
L8780
L8781
L8782
L8783
L8784
L8785
L8786
L8787
L8788
L8789
L8790
L8791
L8792
L8793
L8794
L8795
L8796
L8797
L8798
L8799
L8800
L8801
L8802
L8803
L8804
L8805
L8806
L8807
L8808
L8809
L8810
L8811
L8812
L8813
L8814
L8815
L8816
L8817
L8818
L8819
L8820
L8821
L8822
L8823
L8824
L8825
L8826
L8827
L8828
L8829
L8830
L8831
L8832
L8833
L8834
L8835
L8836
L8837
L8838
L8839
L8840
L8841
L8842
L8843
L8844
L8845
L8846
L8847
L8848
L8849
L8850
L8851
L8852
L8853
L8854
L8855
L8856
L8857
L8858
L8859
L8860
L8861
L8862
L8863
L8864
L8865
L8866
L8867
L8868
L8869
L8870
L8871
L8872
L8873
L8874
L8875
L8876
L8877
L8878
L8879
L8880
L8881
L8882
L8883
L8884
L8885
L8886
L8887
L8888
L8889
L8890
L8891
L8892
L8893
L8894
L8895
L8896
L8897
L8898
L8899
L8900
L8901
L8902
L8903
L8904
L8905
L8906
L8907
L8908
L8909
L8910
L8911
L8912
L8913
L8914
L8915
L8916
L8917
L8918
L8919
L8920
L8921
L8922
L8923
L8924
L8925
L8926
L8927
L8928
L8929
L8930
L8931
L8932
L8933
L8934
L8935
L8936
L8937
L8938
L8939
L8940
L8941
L8942
L8943
L8944
L8945
L8946
L8947
L8948
L8949
L8950
L8951
L8952
L8953
L8954
L8955
L8956
L8957
L8958
L8959
L8960
L8961
L8962
L8963
L8964
L8965
L8966
L8967
L8968
L8969
L8970
L8971
L8972
L8973
L8974
L8975
L8976
L8977
L8978
L8979
L8980
L8981
L8982
L8983
L8984
L8985
L8986
L8987
L8988
L8989
L8990
L8991
L8992
L8993
L8994
L8995
L8996
L8997
L8998
L8999
L9000
L9001
L9002
L9003
L9004
L9005
L9006
L9007
L9008
L9009
L9010
L9011
L9012
L9013
L9014
L9015
L9016
L9017
L9018
L9019
L9020
L9021
L9022
L9023
L9024
L9025
L9026
L9027
L9028
L9029
L9030
L9031
L9032
L9033
L9034
L9035
L9036
L9037
L9038
L9039
L9040
L9041
L9042
L9043
L9044
L9045
L9046
L9047
L9048
L9049
L9050
L9051
L9052
L9053
L9054
L9055
L9056
L9057
L9058
L9059
L9060
L9061
L9062
L9063
L9064
L9065
L9066
L9067
L9068
L9069
L9070
L9071
L9072
L9073
L9074
L9075
L9076
L9077
L9078
L9079
L9080
L9081
L9082
L9083
L9084
L9085
L9086
L9087
L9088
L9089
L9090
L9091
L9092
L9093
L9094
L9095
L9096
L9097
L9098
L9099
L9100
L9101
L9102
L9103
L9104
L9105
L9106
L9107
L9108
L9109
L9110
L9111
L9112
L9113
L9114
L9115
L9116
L9117
L9118
L9119
L9120
L9121
L9122
L9123
L9124
L9125
L9126
L9127
L9128
L9129
L9130
L9131
L9132
L9133
L9134
L9135
L9136
L9137
L9138
L9139
L9140
L9141
L9142
L9143
L9144
L9145
L9146
L9147
L9148
L9149
L9150
L9151
L9152
L9153
L9154
L9155
L9156
L9157
L9158
L9159
L9160
L9161
L9162
L9163
L9164
L9165
L9166
L9167
L9168
L9169
L9170
L9171
L9172
L9173
L9174
L9175
L9176
L9177
L9178
L9179
L9180
L9181
L9182
L9183
L9184
L9185
L9186
L9187
L9188
L9189
L9190
L9191
L9192
L9193
L9194
L9195
L9196
L9197
L9198
L9199
L9200
L9201
L9202
L9203
L9204
L9205
L9206
L9207
L9208
L9209
L9210
L9211
L9212
L9213
L9214
L9215
L9216
L9217
L9218
L9219
L9220
L9221
L9222
L9223
L9224
L9225
L9226
L9227
L9228
L9229
L9230
L9231
L9232
L9233
L9234
L9235
L9236
L9237
L9238
L9239
L9240
L9241
L9242
L9243
L9244
L9245
L9246
L9247
L9248
L9249
L9250
L9251
L9252
L9253
L9254
L9255
L9256
L9257
L9258
L9259
L9260
L9261
L9262
L9263
L9264
L9265
L9266
L9267
L9268
L9269
L9270
L9271
L9272
L9273
L9274
L9275
L9276
L9277
L9278
L9279
L9280
L9281
L9282
L9283
L9284
L9285
L9286
L9287
L9288
L9289
L9290
L9291
L9292
L9293
L9294
L9295
L9296
L9297
L9298
L9299
L9300
L9301
L9302
L9303
L9304
L9305
L9306
L9307
L9308
L9309
L9310
L9311
L9312
L9313
L9314
L9315
L9316
L9317
L9318
L9319
L9320
L9321
L9322
L9323
L9324
L9325
L9326
L9327
L9328
L9329
L9330
L9331
L9332
L9333
L9334
L9335
L9336
L9337
L9338
L9339
L9340
L9341
L9342
L9343
L9344
L9345
L9346
L9347
L9348
L9349
L9350
L9351
L9352
L9353
L9354
L9355
L9356
L9357
L9358
L9359
L9360
L9361
L9362
L9363
L9364
L9365
L9366
L9367
L9368
L9369
L9370
L9371
L9372
L9373
L9374
L9375
L9376
L9377
L9378
L9379
L9380
L9381
L9382
L9383
L9384
L9385
L9386
L9387
L9388
L9389
L9390
L9391
L9392
L9393
L9394
L9395
L9396
L9397
L9398
L9399
L9400
L9401
L9402
L9403
L9404
L9405
L9406
L9407
L9408
L9409
L9410
L9411
L9412
L9413
L9414
L9415
L9416
L9417
L9418
L9419
L9420
L9421
L9422
L9423
L9424
L9425
L9426
L9427
L9428
L9429
L9430
L9431
L9432
L9433
L9434
L9435
L9436
L9437
L9438
L9439
L9440
L9441
L9442
L9443
L9444
L9445
L9446
L9447
L9448
L9449
L9450
L9451
L9452
L9453
L9454
L9455
L9456
L9457
L9458
L9459
L9460
L9461
L9462
L9463
L9464
L9465
L9466
L9467
L9468
L9469
L9470
L9471
L9472
L9473
L9474
L9475
L9476
L9477
L9478
L9479
L9480
L9481
L9482
L9483
L9484
L9485
L9486
L9487
L9488
L9489
L9490
L9491
L9492
L9493
L9494
L9495
L9496
L9497
L9498
L9499
L9500
L9501
L9502
L9503
L9504
L9505
L9506
L9507
L9508
L9509
L9510
L9511
L9512
L9513
L9514
L9515
L9516
L9517
L9518
L9519
L9520
L9521
L9522
L9523
L9524
L9525
L9526
L9527
L9528
L9529
L9530
L9531
L9532
L9533
L9534
L9535
L9536
L9537
L9538
L9539
L9540
L9541
L9542
L9543
L9544
L9545
L9546
L9547
L9548
L9549
L9550
L9551
L9552
L9553
L9554
L9555
L9556
L9557
L9558
L9559
L9560
L9561
L9562
L9563
L9564
L9565
L9566
L9567
L9568
L9569
L9570
L9571
L9572
L9573
L9574
L9575
L9576
L9577
L9578
L9579
L9580
L9581
L9582
L9583
L9584
L9585
L9586
L9587
L9588
L9589
L9590
L9591
L9592
L9593
L9594
L9595
L9596
L9597
L9598
L9599
L9600
L9601
L9602
L9603
L9604
L9605
L9606
L9607
L9608
L9609
L9610
L9611
L9612
L9613
L9614
L9615
L9616
L9617
L9618
L9619
L9620
L9621
L9622
L9623
L9624
L9625
L9626
L9627
L9628
L9629
L9630
L9631
L9632
L9633
L9634
L9635
L9636
L9637
L9638
L9639
L9640
L9641
L9642
L9643
L9644
L9645
L9646
L9647
L9648
L9649
L9650
L9651
L9652
L9653
L9654
L9655
L9656
L9657
L9658
L9659
L9660
L9661
L9662
L9663
L9664
L9665
L9666
L9667
L9668
L9669
L9670
L9671
L9672
L9673
L9674
L9675
L9676
L9677
L9678
L9679
L9680
L9681
L9682
L9683
L9684
L9685
L9686
L9687
L9688
L9689
L9690
L9691
L9692
L9693
L9694
L9695
L9696
L9697
L9698
L9699
L9700
L9701
L9702
L9703
L9704
L9705
L9706
L9707
L9708
L9709
L9710
L9711
L9712
L9713
L9714
L9715
L9716
L9717
L9718
L9719
L9720
L9721
L9722
L9723
L9724
L9725
L9726
L9727
L9728
L9729
L9730
L9731
L9732
L9733
L9734
L9735
L9736
L9737
L9738
L9739
L9740
L9741
L9742
L9743
L9744
L9745
L9746
L9747
L9748
L9749
L9750
L9751
L9752
L9753
L9754
L9755
L9756
L9757
L9758
L9759
L9760
L9761
L9762
L9763
L9764
L9765
L9766
L9767
L9768
L9769
L9770
L9771
L9772
L9773
L9774
L9775
L9776
L9777
L9778
L9779
L9780
L9781
L9782
L9783
L9784
L9785
L9786
L9787
L9788
L9789
L9790
L9791
L9792
L9793
L9794
L9795
L9796
L9797
L9798
L9799
L9800
L9801
L9802
L9803
L9804
L9805
L9806
L9807
L9808
L9809
L9810
L9811
L9812
L9813
L9814
L9815
L9816
L9817
L9818
L9819
L9820
L9821
L9822
L9823
L9824
L9825
L9826
L9827
L9828
L9829
L9830
L9831
L9832
L9833
L9834
L9835
L9836
L9837
L9838
L9839
L9840
L9841
L9842
L9843
L9844
L9845
L9846
L9847
L9848
L9849
L9850
L9851
L9852
L9853
L9854
L9855
L9856
L9857
L9858
L9859
L9860
L9861
L9862
L9863
L9864
L9865
L9866
L9867
L9868
L9869
L9870
L9871
L9872
L9873
L9874
L9875
L9876
L9877
L9878
L9879
L9880
L9881
L9882
L9883
L9884
L9885
L9886
L9887
L9888
L9889
L9890
L9891
L9892
L9893
L9894
L9895
L9896
L9897
L9898
L9899
L9900
L9901
L9902
L9903
L9904
L9905
L9906
L9907
L9908
L9909
L9910
L9911
L9912
L9913
L9914
L9915
L9916
L9917
L9918
L9919
L9920
L9921
L9922
L9923
L9924
L9925
L9926
L9927
L9928
L9929
L9930
L9931
L9932
L9933
L9934
L9935
L9936
L9937
L9938
L9939
L9940
L9941
L9942
L9943
L9944
L9945
L9946
L9947
L9948
L9949
L9950
L9951
L9952
L9953
L9954
L9955
L9956
L9957
L9958
L9959
L9960
L9961
L9962
L9963
L9964
L9965
L9966
L9967
L9968
L9969
L9970
L9971
L9972
L9973
L9974
L9975
L9976
L9977
L9978
L9979
L9980
L9981
L9982
L9983
L9984
L9985
L9986
L9987
L9988
L9989
L9990
L9991
L9992
L9993
L9994
L9995
L9996
L9997
L9998
L9999
L10000
L10001
L10002
L10003
L10004
L10005
L10006
L10007
L10008
L10009
L10010
L10011
L10012
L10013
L10014
L10015
L10016
L10017
L10018
L10019
L10020
L10021
L10022
L10023
L10024
L10025
L10026
L10027
L10028
L10029
L10030
L10031
L10032
L10033
L10034
L10035
L10036
L10037
L10038
L10039
L10040
L10041
L10042
L10043
L10044
L10045
L10046
L10047
L10048
L10049
L10050
L10051
L10052
L10053
L10054
L10055
L10056
L10057
L10058
L10059
L10060
L10061
L10062
L10063
L10064
L10065
L10066
L10067
L10068
L10069
L10070
L10071
L10072
L10073
L10074
L10075
L10076
L10077
L10078
L10079
L10080
L10081
L10082
L10083
L10084
L10085
L10086
L10087
L10088
L10089
L10090
L10091
L10092
L10093
L10094
L10095
L10096
L10097
L10098
L10099
L10100
L10101
L10102
L10103
L10104
L10105
L10106
L10107
L10108
L10109
L10110
L10111
L10112
L10113
L10114
L10115
L10116
L10117
L10118
L10119
L10120
L10121
L10122
L10123
L10124
L10125
L10126
L10127
L10128
L10129
L10130
L10131
L10132
L10133
L10134
L10135
L10136
L10137
L10138
L10139
L10140
L10141
L10142
L10143
L10144
L10145
L10146
L10147
L10148
L10149
L10150
L10151
L10152
L10153
L10154
L10155
L10156
L10157
L10158
L10159
L10160
L10161
L10162
L10163
L10164
L10165
L10166
L10167
L10168
L10169
L10170
L10171
L10172
L10173
L10174
L10175
L10176
L10177
L10178
L10179
L10180
L10181
L10182
L10183
L10184
L10185
L10186
L10187
L10188
L10189
L10190
L10191
L10192
L10193
L10194
L10195
L10196
L10197
L10198
L10199
L10200
L10201
L10202
L10203
L10204
L10205
L10206
L10207
L10208
L10209
L10210
L10211
L10212
L10213
L10214
L10215
L10216
L10217
L10218
L10219
L10220
L10221
L10222
L10223
L10224
L10225
L10226
L10227
L10228
L10229
L10230
L10231
L10232
L10233
L10234
L10235
L10236
L10237
L10238
L10239
L10240
L10241
L10242
L10243
L10244
L10245
L10246
L10247
L10248
L10249
L10250
L10251
L10252
L10253
L10254
L10255
L10256
L10257
L10258
L10259
L10260
L10261
L10262
L10263
L10264
L10265
L10266
L10267
L10268
L10269
L10270
L10271
L10272
L10273
L10274
L10275
L10276
L10277
L10278
L10279
L10280
L10281
L10282
L10283
L10284
L10285
L10286
L10287
L10288
L10289
L10290
L10291
L10292
L10293
L10294
L10295
L10296
L10297
L10298
L10299
L10300
L10301
L10302
L10303
L10304
L10305
L10306
L10307
L10308
L10309
L10310
L10311
L10312
L10313
L10314
L10315
L10316
L10317
L10318
L10319
L10320
L10321
L10322
L10323
L10324
L10325
L10326
L10327
L10328
L10329
L10330
L10331
L10332
L10333
L10334
L10335
L10336
L10337
L10338
L10339
L10340
L10341
L10342
L10343
L10344
L10345
L10346
L10347
L10348
L10349
L10350
L10351
L10352
L10353
L10354
L10355
L10356
L10357
L10358
L10359
L10360
L10361
L10362
L10363
L10364
L10365
L10366
L10367
L10368
L10369
L10370
L10371
L10372
L10373
L10374
L10375
L10376
L10377
L10378
L10379
L10380
L10381
L10382
L10383
L10384
L10385
L10386
L10387
L10388
L10389
L10390
L10391
L10392
L10393
L10394
L10395
L10396
L10397
L10398
L10399
L10400
L10401
L10402
L10403
L10404
L10405
L10406
L10407
L10408
L10409
L10410
L10411
L10412
L10413
L10414
L10415
L10416
L10417
L10418
L10419
L10420
L10421
L10422
L10423
L10424
L10425
L10426
L10427
L10428
L10429
L10430
L10431
L10432
L10433
L10434
L10435
L10436
L10437
L10438
L10439
L10440
L10441
L10442
L10443
L10444
L10445
L10446
L10447
L10448
L10449
L10450
L10451
L10452
L10453
L10454
L10455
L10456
L10457
L10458
L10459
L10460
L10461
L10462
L10463
L10464
L10465
L10466
L10467
L10468
L10469
L10470
L10471
L10472
L10473
L10474
L10475
L10476
L10477
L10478
L10479
L10480
L10481
L10482
L10483
L10484
L10485
L10486
L10487
L10488
L10489
L10490
L10491
L10492
L10493
L10494
L10495
L10496
L10497
L10498
L10499
L10500
L10501
L10502
L10503
L10504
L10505
L10506
L10507
L10508
L10509
L10510
L10511
L10512
L10513
L10514
L10515
L10516
L10517
L10518
L10519
L10520
L10521
L10522
L10523
L10524
L10525
L10526
L10527
L10528
L10529
L10530
L10531
L10532
L10533
L10534
L10535
L10536
L10537
L10538
L10539
L10540
L10541
L10542
L10543
L10544
L10545
L10546
L10547
L10548
L10549
L10550
L10551
L10552
L10553
L10554
L10555
L10556
L10557
L10558
L10559
L10560
L10561
L10562
L10563
L10564
L10565
L10566
L10567
L10568
L10569
L10570
L10571
L10572
L10573
L10574
L10575
L10576
L10577
L10578
L10579
L10580
L10581
L10582
L10583
L10584
L10585
L10586
L10587
L10588
L10589
L10590
L10591
L10592
L10593
L10594
L10595
L10596
L10597
L10598
L10599
L10600
L10601
L10602
L10603
L10604
L10605
L10606
L10607
L10608
L10609
L10610
L10611
L10612
L10613
L10614
L10615
L10616
L10617
L10618
L10619
L10620
L10621
L10622
L10623
L10624
L10625
L10626
L10627
L10628
L10629
L10630
L10631
L10632
L10633
L10634
L10635
L10636
L10637
L10638
L10639
L10640
L10641
L10642
L10643
L10644
L10645
L10646
L10647
L10648
L10649
L10650
L10651
L10652
L10653
L10654
L10655
L10656
L10657
L10658
L10659
L10660
L10661
L10662
L10663
L10664
L10665
L10666
L10667
L10668
L10669
L10670
L10671
L10672
L10673
L10674
L10675
L10676
L10677
L10678
L10679
L10680
L10681
L10682
L10683
L10684
L10685
L10686
L10687
L10688
L10689
L10690
L10691
L10692
L10693
L10694
L10695
L10696
L10697
L10698
L10699
L10700
L10701
L10702
L10703
L10704
L10705
L10706
L10707
L10708
L10709
L10710
L10711
L10712
L10713
L10714
L10715
L10716
L10717
L10718
L10719
L10720
L10721
L10722
L10723
L10724
L10725
L10726
L10727
L10728
L10729
L10730
L10731
L10732
L10733
L10734
L10735
L10736
L10737
L10738
L10739
L10740
L10741
L10742
L10743
L10744
L10745
L10746
L10747
L10748
L10749
L10750
L10751
L10752
L10753
L10754
L10755
L10756
L10757
L10758
L10759
L10760
L10761
L10762
L10763
L10764
L10765
L10766
L10767
L10768
L10769
L10770
L10771
L10772
L10773
L10774
L10775
L10776
L10777
L10778
L10779
L10780
L10781
L10782
L10783
L10784
L10785
L10786
L10787
L10788
L10789
L10790
L10791
L10792
L10793
L10794
L10795
L10796
L10797
L10798
L10799
L10800
L10801
L10802
L10803
L10804
L10805
L10806
L10807
L10808
L10809
L10810
L10811
L10812
L10813
L10814
L10815
L10816
L10817
L10818
L10819
L10820
L10821
L10822
L10823
L10824
L10825
L10826
L10827
L10828
L10829
L10830
L10831
L10832
L10833
L10834
L10835
L10836
L10837
L10838
L10839
L10840
L10841
L10842
L10843
L10844
L10845
L10846
L10847
L10848
L10849
L10850
L10851
L10852
L10853
L10854
L10855
L10856
L10857
L10858
L10859
L10860
L10861
L10862
L10863
L10864
L10865
L10866
L10867
L10868
L10869
L10870
L10871
L10872
L10873
L10874
L10875
L10876
L10877
L10878
L10879
L10880
L10881
L10882
L10883
L10884
L10885
L10886
L10887
L10888
L10889
L10890
L10891
L10892
L10893
L10894
L10895
L10896
L10897
L10898
L10899
L10900
L10901
L10902
L10903
L10904
L10905
L10906
L10907
L10908
L10909
L10910
L10911
L10912
L10913
L10914
L10915
L10916
L10917
L10918
L10919
L10920
L10921
L10922
L10923
L10924
L10925
L10926
L10927
L10928
L10929
L10930
L10931
L10932
L10933
L10934
L10935
L10936
L10937
L10938
L10939
L10940
L10941
L10942
L10943
L10944
L10945
L10946
L10947
L10948
L10949
L10950
L10951
L10952
L10953
L10954
L10955
L10956
L10957
L10958
L10959
L10960
L10961
L10962
L10963
L10964
L10965
L10966
L10967
L10968
L10969
L10970
L10971
L10972
L10973
L10974
L10975
L10976
L10977
L10978
L10979
L10980
L10981
L10982
L10983
L10984
L10985
L10986
L10987
L10988
L10989
L10990
L10991
L10992
L10993
L10994
L10995
L10996
L10997
L10998
L10999
L11000
L11001
L11002
L11003
L11004
L11005
L11006
L11007
L11008
L11009
L11010
L11011
L11012
L11013
L11014
L11015
L11016
L11017
L11018
L11019
L11020
L11021
L11022
L11023
L11024
L11025
L11026
L11027
L11028
L11029
L11030
L11031
L11032
L11033
L11034
L11035
L11036
L11037
L11038
L11039
L11040
L11041
L11042
L11043
L11044
L11045
L11046
L11047
L11048
L11049
L11050
L11051
L11052
L11053
L11054
L11055
L11056
L11057
L11058
L11059
L11060
L11061
L11062
L11063
L11064
L11065
L11066
L11067
L11068
L11069
L11070
L11071
L11072
L11073
L11074
L11075
L11076
L11077
L11078
L11079
L11080
L11081
L11082
L11083
L11084
L11085
L11086
L11087
L11088
L11089
L11090
L11091
L11092
L11093
L11094
L11095
L11096
L11097
L11098
L11099
L11100
L11101
L11102
L11103
L11104
L11105
L11106
L11107
L11108
L11109
L11110
L11111
L11112
L11113
L11114
L11115
L11116
L11117
L11118
L11119
L11120
L11121
L11122
L11123
L11124
L11125
L11126
L11127
L11128
L11129
L11130
L11131
L11132
L11133
L11134
L11135
L11136
L11137
L11138
L11139
L11140
L11141
L11142
L11143
L11144
L11145
L11146
L11147
L11148
L11149
L11150
L11151
L11152
L11153
L11154
L11155
L11156
L11157
L11158
L11159
L11160
L11161
L11162
L11163
L11164
L11165
L11166
L11167
L11168
L11169
L11170
L11171
L11172
L11173
L11174
L11175
L11176
L11177
L11178
L11179
L11180
L11181
L11182
L11183
L11184
L11185
L11186
L11187
L11188
L11189
L11190
L11191
L11192
L11193
L11194
L11195
L11196
L11197
L11198
L11199
L11200
L11201
L11202
L11203
L11204
L11205
L11206
L11207
L11208
L11209
L11210
L11211
L11212
L11213
L11214
L11215
L11216
L11217
L11218
L11219
L11220
L11221
L11222
L11223
L11224
L11225
L11226
L11227
L11228
L11229
L11230
L11231
L11232
L11233
L11234
L11235
L11236
L11237
L11238
L11239
L11240
L11241
L11242
L11243
L11244
L11245
L11246
L11247
L11248
L11249
L11250
L11251
L11252
L11253
L11254
L11255
L11256
L11257
L11258
L11259
L11260
L11261
L11262
L11263
L11264
L11265
L11266
L11267
L11268
L11269
L11270
L11271
L11272
L11273
L11274
L11275
L11276
L11277
L11278
L11279
L11280
L11281
L11282
L11283
L11284
L11285
L11286
L11287
L11288
L11289
L11290
L11291
L11292
L11293
L11294
L11295
L11296
L11297
L11298
L11299
L11300
L11301
L11302
L11303
L11304
L11305
L11306
L11307
L11308
L11309
L11310
L11311
L11312
L11313
L11314
L11315
L11316
L11317
L11318
L11319
L11320
L11321
L11322
L11323
L11324
L11325
L11326
L11327
L11328
L11329
L11330
L11331
L

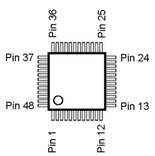
Note



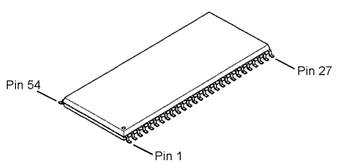


TMS320C6713BZDP
(Q7519)

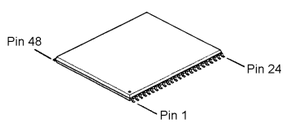
EPM3064ATC100
(Q7505)



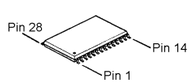
ST16C550CQ48-F
(Q7506)



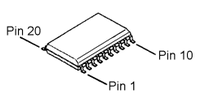
IS42S16800B
(Q7520)



M29LV400TC
(Q7521)

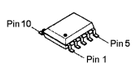


CS4272
(Q7503)



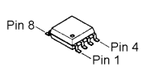
SN74LVC244PWR
(Q7502)

SN74LVC245PWR
(Q7502)

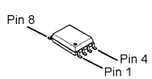


TPS62040DGQ
(Q7507)

TPS62046DGQ
(Q7508)



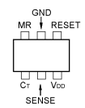
AD5541JR
(Q7504)



NJM2068V
(Q7509, 7510, 7511,
7512, 7513, 7514)



NJM75L05UA (8C)
(Q7501)



TPS3808G01
(Q7518)

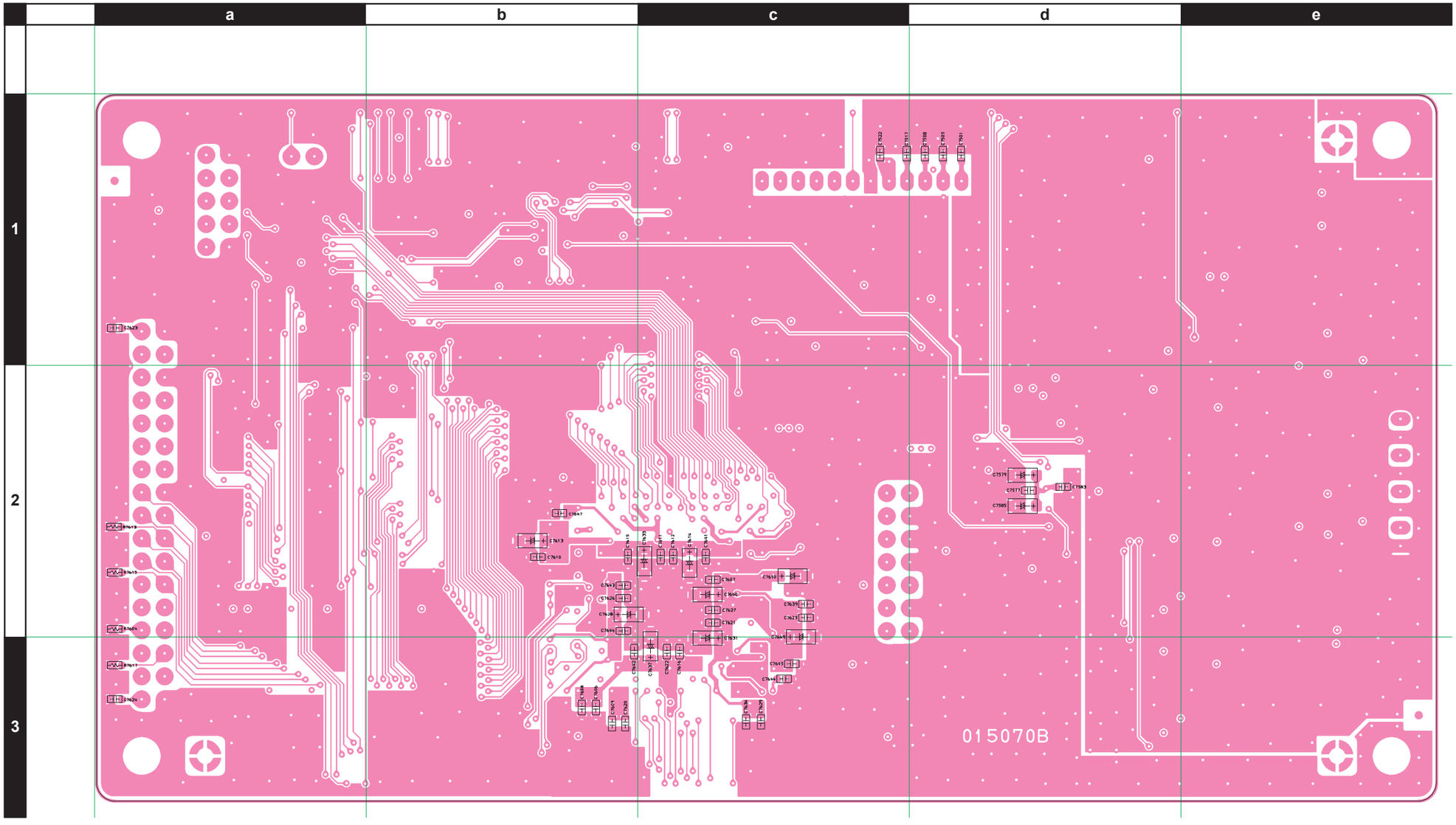
TPS3808G33
(Q7517)

TPS3808G50
(Q7516)

TPS3808G33
(Q7517)

DSP Unit

Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CS1894001				
	Printed Circuit Board				AH025H000	FR015070B		1-		
C 7501	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d1
C 7502	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A1
C 7503	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174822		1-	A	A2
C 7504	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A3
C 7505	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d1
C 7506	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7507	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7508	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d1
C 7509	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7510	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 7511	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 7512	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A3
C 7513	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7514	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A1
C 7515	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7516	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7517	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c1
C 7518	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7519	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 7520	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7521	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7522	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c1
C 7523	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	A2
C 7524	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	A2
C 7525	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	A3
C 7526	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	A3
C 7527	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	B2
C 7528	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 7529	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	A2
C 7530	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 7531	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A2
C 7532	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 7533	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A3
C 7534	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7535	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7536	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7537	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A3
C 7538	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 7539	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A3
C 7540	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 7541	CHIP CAP.	0.01uF	50V	B	GRM188B11H103JA01D	K22174824		1-	A	A3
C 7542	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7543	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 7544	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 7545	CHIP TA.CAP.	0.47uF	35V		TEMSVA1V474M-8R	K78160029		1-	A	B1
C 7546	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 7547	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B3
C 7548	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7549	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	A1
C 7550	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B1
C 7551	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7552	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A3
C 7553	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B2
C 7554	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	A1
C 7555	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	A1
C 7556	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B1
C 7557	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A2
C 7558	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A3
C 7559	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A2
C 7560	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174815		1-	A	A1
C 7561	CHIP CAP.	0.001uF	25V	CH	GRM1882C1E102JA01D	K22144204		1-	A	A2
C 7562	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 7563	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7564	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 7565	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 7566	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 7567	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 7568	AL.ELECTRO.CAP.	47uF	16V		EEE1CA470SP	K48120005		1-	A	B2
C 7569	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	B2
C 7570	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7571	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2

DSP Unit

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 7572	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B2
C 7573	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B2
C 7574	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D1
C 7575	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 7576	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	B2
C 7577	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	d2
C 7578	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7579	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	B	d2
C 7580	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	C1
C 7581	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7582	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D1
C 7583	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	d2
C 7584	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 7585	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	B	d2
C 7586	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 7587	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 7588	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 7589	CHIP TA.CAP.	22uF	10V		TEMSVB21A226M-8R	K78100029		1-	A	B1
C 7590	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 7591	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 7592	CHIP TA.CAP.	22uF	10V		TEMSVB21A226M-8R	K78100029		1-	A	C1
C 7594	CHIP TA.CAP.	22uF	10V		TEMSVB21A226M-8R	K78100029		1-	A	B2
C 7595	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	C2
C 7596	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	C2
C 7597	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 7598	CHIP TA.CAP.	22uF	10V		TEMSVB21A226M-8R	K78100029		1-	A	C2
C 7599	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 7600	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7601	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 7602	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7603	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	D1
C 7604	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	C1
C 7605	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 7606	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b3
C 7607	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7608	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b3
C 7609	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b3
C 7610	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 7611	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7612	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7613	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	b2
C 7614	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 7615	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 7616	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c3
C 7617	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
C 7618	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E1
C 7619	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D1
C 7620	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b3
C 7621	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7622	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c3
C 7623	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	a1
C 7624	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	a3
C 7625	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7626	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 7627	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7628	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	b2
C 7629	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c3
C 7630	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 7631	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c3
C 7632	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 7633	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 7634	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c3
C 7635	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 7636	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E3
C 7637	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c3
C 7638	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 7639	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7640	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 7641	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c2
C 7642	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b3
C 7643	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 7644	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c3
C 7645	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	c3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
C 7646	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 7647	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 7648	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E2
C 7649	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 7650	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 7651	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 7652	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B2
D 7501	LED				SML-310VTT86JK	G2071032		1-	A	C3
D 7502	LED				SML-310VTT86JK	G2071032		1-	A	C3
FB7501	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	C1
FB7502	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	C1
FB7503	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	C1
FB7504	CHIP COI				BLM18BD182SN1D	L1690602		1-	A	C1
FB7505	FERRITE BEADS				BK2125HS101-T	L9190087		1-	A	B1
J 7501	CONNECTOR				SB20-08WS	P0090615		1-	A	A2
J 7502	CONNECTOR				SB20-12WS	P0090619		1-	A	C1
J 7503	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	E1
J 7504	CONNECTOR				A1-14PA-2.54DSA(71)	P0091448		1-	A	C2
J 7505	CONNECTOR				A1-10PA-2.54DSA(71)	P0091447		1-	A	E1
J 7506	CONNECTOR				A1-34PA-2.54DSA(71)	P0091449		1-	A	E3
L 7501	M.RFC	470uH			CDRH105RNP-471NC-VS	L1691359		1-	A	A1
L 7502	M.RFC	470uH			CDRH105RNP-471NC-VS	L1691359		1-	A	B1
L 7503	CHIP COIL	6.2uH			CDRH5D28NP-6R2	L1691444		1-	A	C2
L 7504	CHIP COIL	6.2uH			CDRH5D28NP-6R2	L1691444		1-	A	B2
Q 7501	IC				NJM78L05UA-TE1	G1091325		1-	A	B1
Q 7502	IC				SN74LVC244APWR	G1094336		1-	A	C1
Q 7503	IC				CS4272-CZZ	G1094319		1-	A	B2
Q 7504	IC				AD5541JR	G1094335		1-	A	B2
Q 7505	IC				EPM3064ATC100-7N	G1094320		1-	A	D1
Q 7506	IC				ST16C550CQ48-F	G1094323		1-	A	D1
Q 7507	IC				TPS62040DGQ	G1094328		1-	A	C1
Q 7508	IC				TPS62046DGQ	G1094329		1-	A	B1
Q 7509	IC				NJM2068V-TE1	G1094112		1-	A	A1
Q 7510	IC				NJM2068V-TE1	G1094112		1-	A	A2
Q 7511	IC				NJM2068V-TE1	G1094112		1-	A	A2
Q 7512	IC				NJM2068V-TE1	G1094112		1-	A	A2
Q 7513	IC				NJM2068V-TE1	G1094112		1-	A	A3
Q 7514	IC				NJM2068V-TE1	G1094112		1-	A	B2
Q 7515	IC				SN74LVC245APWR	G1094337		1-	A	C1
Q 7516	IC				TPS3808G50	G1094327		1-	A	C1
Q 7517	IC				TPS3808G33	G1094326		1-	A	B2
Q 7518	IC				TPS3808G01	G1094325		1-	A	C1
Q 7519	IC				TMS320C6713BZDP-225	G1094324		1-	A	C2
Q 7520	IC				IS42S16800B-7TL	G1094321		1-	A	E3
Q 7521	IC				M29LV400TC-90PFTN	G1094318		1-	A	E2
R 7501	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	C1
R 7502	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B3
R 7503	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	A1
R 7504	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A1
R 7505	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7506	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7507	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	A2
R 7508	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	A3
R 7509	CHIP RES.	100	1/16W	1%	RMC1/16 101FTP	J24183101		1-	A	A2
R 7510	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A3
R 7511	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B3
R 7512	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B3
R 7513	CHIP RES.	1.5k	1/16W	1%	RMC1/16 152FTP	J24183152		1-	A	B1
R 7514	CHIP RES.	15k	1/16W	1%	RMC1/16 153FTP	J24183153		1-	A	A2
R 7515	CHIP RES.	15k	1/16W	1%	RMC1/16 153FTP	J24183153		1-	A	A2
R 7516	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B3
R 7517	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 7518	CHIP RES.	7.5k	1/16W	1%	RMC1/16 752FTP	J24183752		1-	A	B1
R 7519	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7520	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7521	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	A2
R 7522	CHIP RES.	10k	1/16W	1%	RMC1/16 103FTP	J24183103		1-	A	A2
R 7523	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	B1
R 7524	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	A3
R 7525	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A3
R 7526	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A3
R 7527	CHIP RES.	5.6k	1/16W	1%	RMC1/16 562FTP	J24183562		1-	A	A1
R 7528	CHIP RES.	5.6k	1/16W	1%	RMC1/16 562FTP	J24183562		1-	A	A2

DSP Unit

Parts List

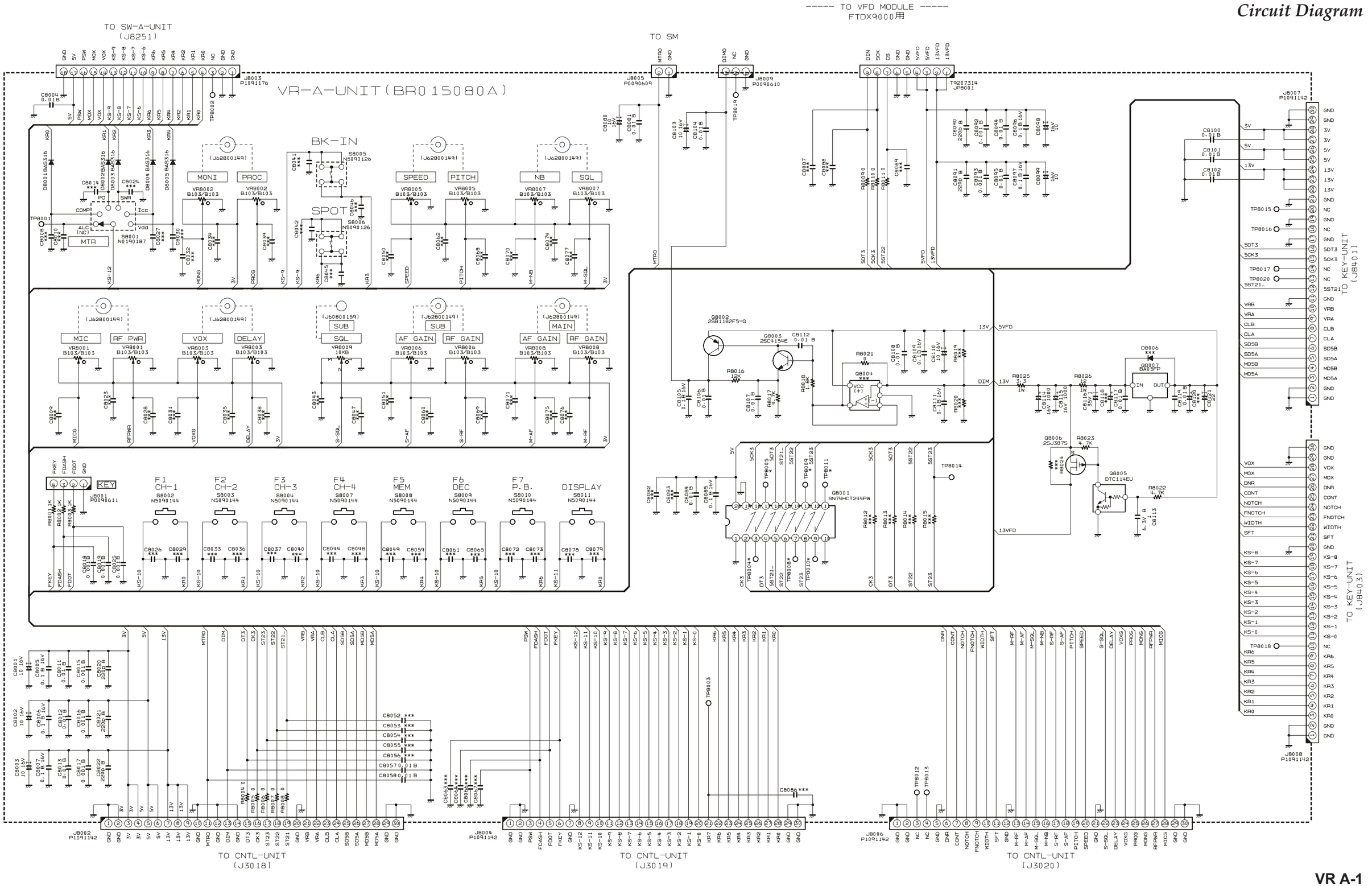
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 7529	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7530	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7531	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A3
R 7532	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A3
R 7533	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7534	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7535	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A1
R 7536	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7537	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A3
R 7538	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A3
R 7539	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7540	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	A	A1
R 7541	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	A	A2
R 7542	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7543	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A3
R 7544	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7545	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7546	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A1
R 7547	CHIP RES.	4.7k	1/16W	1%	RMC1/16 472FTP	J24183472		1-	A	A2
R 7548	CHIP RES.	470	1/16W	1%	RMC1/16 471FTP	J24183471		1-	A	A2
R 7549	CHIP RES.	470	1/16W	1%	RMC1/16 471FTP	J24183471		1-	A	A2
R 7550	CHIP RES.	470	1/16W	1%	RMC1/16 471FTP	J24183471		1-	A	A3
R 7551	CHIP RES.	470	1/16W	1%	RMC1/16 471FTP	J24183471		1-	A	A3
R 7552	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A1
R 7553	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A1
R 7554	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7555	CHIP RES.	1k	1/16W	1%	RMC1/16 102FTP	J24183102		1-	A	A2
R 7556	CHIP RES.	1.5k	1/16W	1%	RMC1/16 152FTP	J24183152		1-	A	A2
R 7557	CHIP RES.	1.5k	1/16W	1%	RMC1/16 152FTP	J24183152		1-	A	A2
R 7558	CHIP RES.	1.5k	1/16W	1%	RMC1/16 152FTP	J24183152		1-	A	A3
R 7559	CHIP RES.	1.5k	1/16W	1%	RMC1/16 152FTP	J24183152		1-	A	A2
R 7560	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	B2
R 7563	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7564	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7565	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C1
R 7566	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 7568	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C1
R 7570	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7571	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7572	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7573	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D1
R 7574	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D1
R 7576	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 7578	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 7579	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 7580	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D1
R 7581	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7583	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1
R 7584	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1
R 7585	CHIP RES.	47k	1/16W	1%	RMC1/16 473FTP	J24183473		1-	A	C1
R 7586	CHIP RES.	470k	1/16W	5%	RMC1/16 474JATP	J24185474		1-	A	C2
R 7587	CHIP RES.	270k	1/16W	5%	RMC1/16 274JATP	J24185274		1-	A	C2
R 7588	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	A	C2
R 7589	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B2
R 7591	CHIP RES.	180k	1/16W	5%	RMC1/16 184JATP	J24185184		1-	A	C2
R 7592	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	C1
R 7593	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	C1
R 7596	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 7597	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 7598	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 7599	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E1
R 7602	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 7604	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a2
R 7605	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 7606	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7607	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7608	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7609	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7610	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7611	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E1
R 7612	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7614	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7616	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E3

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
R 7618	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7619	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7620	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7621	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E2
R 7622	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E1
R 7623	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D3
R 7624	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D3
R 7625	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C3
R 7626	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C3
R 7627	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C3
R 7628	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 7630	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D2
R 7631	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D3
R 7632	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D2
R 7633	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D1
R 7634	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	D2
R 7636	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	C3
R 7637	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		1-	A	D1
S 7501	TACT SWITCH				SKQYPAE010	N5090144		1-	A	C1
X 7501	XTAL OSC	25MHz			TPS18XC 25.000MHZ	H9501020		1-	A	C3
X 7502	XTAL OSC	18.432MHz			TPS18XC 18.432MHZ	H9501010		1-	A	D1
	SEMS SCREW				ASM3X6NI	U03306002		1-		
	BIND HEAD TAPTITE-B				M2.6X6NI	U24206002		1-		

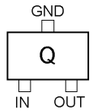
Note:

VR-A Unit

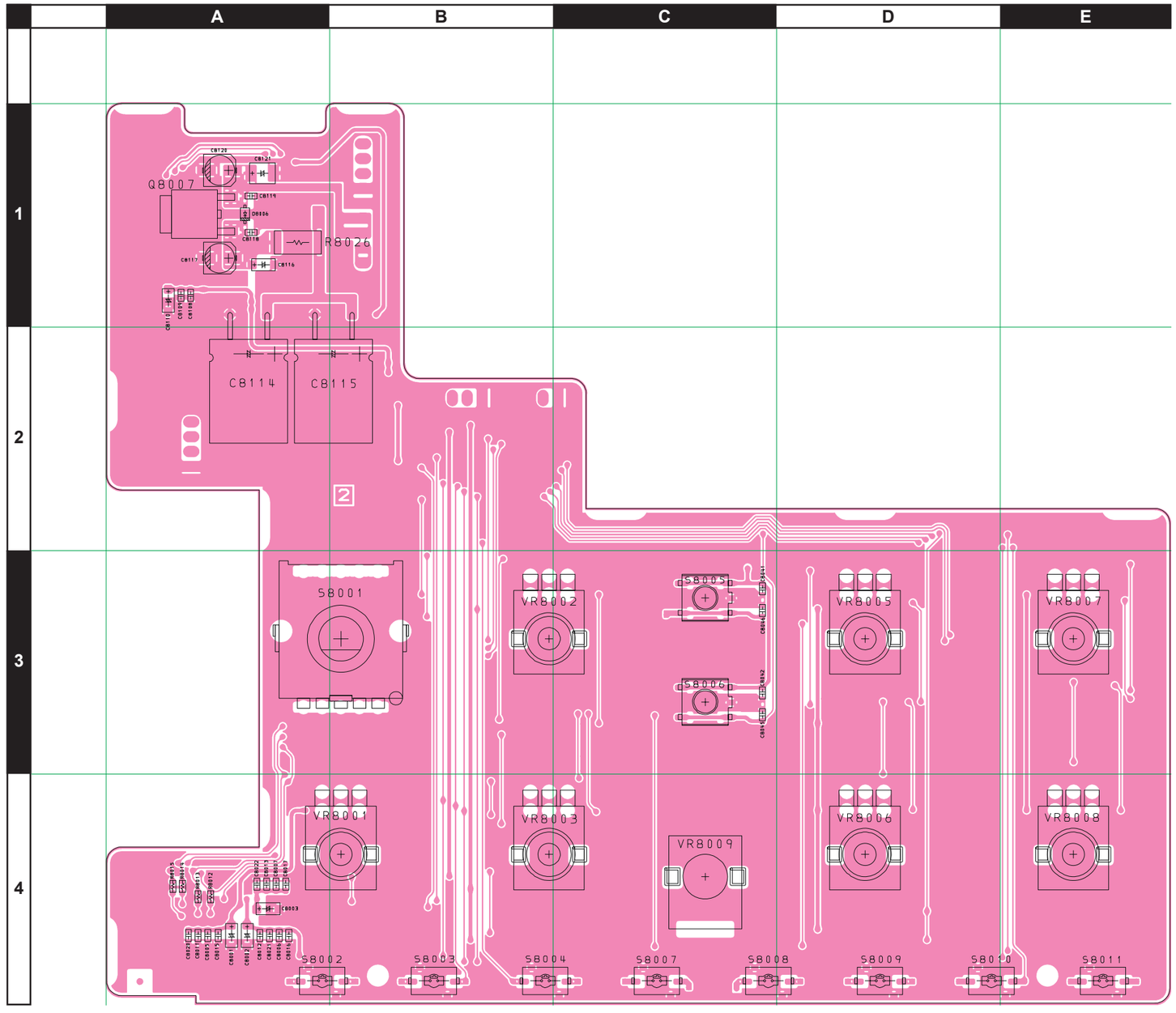
Circuit Diagram



Note

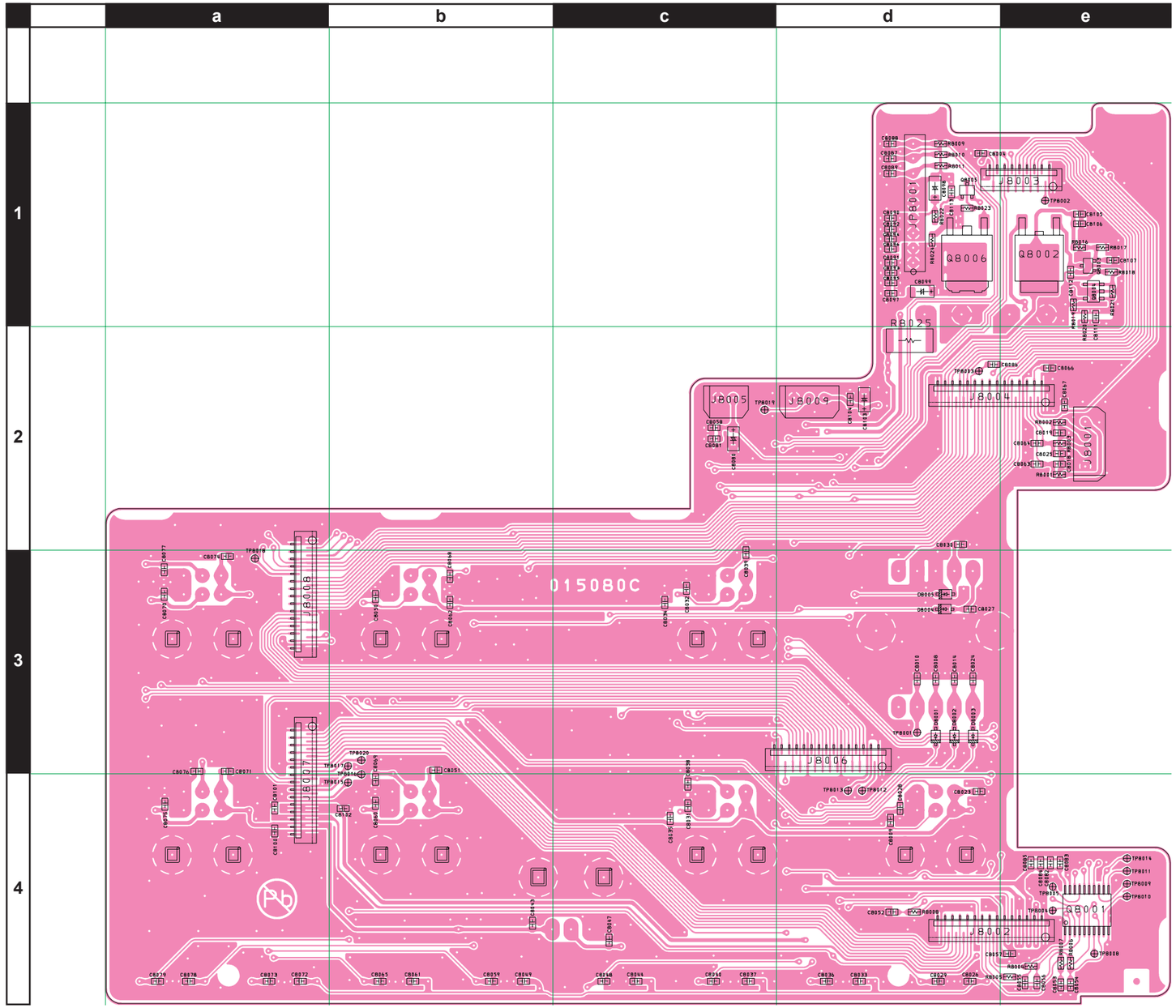

GND
Q
IN
OUT

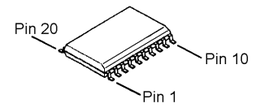
BA05 (Q)
(Q8007)


A
B
C
D
E
1
2
3
4
Q8007
R8026
C8114
C8115
S8001
VR8002
S8005
S8006
VR8005
VR8007
VR8001
VR8003
VR8009
VR8006
VR8008
S8002
S8003
S8004
S8007
S8008
S8009
S8010
S8011

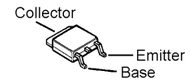
VR-A Unit

Parts Layout (Side B)

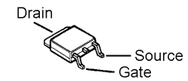




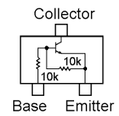
SN74HCT244PWR
(Q8001)



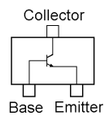
2SB1182
(Q8002)



2SJ387STL
(Q8006)



DTC114EU (24)
(Q8005)



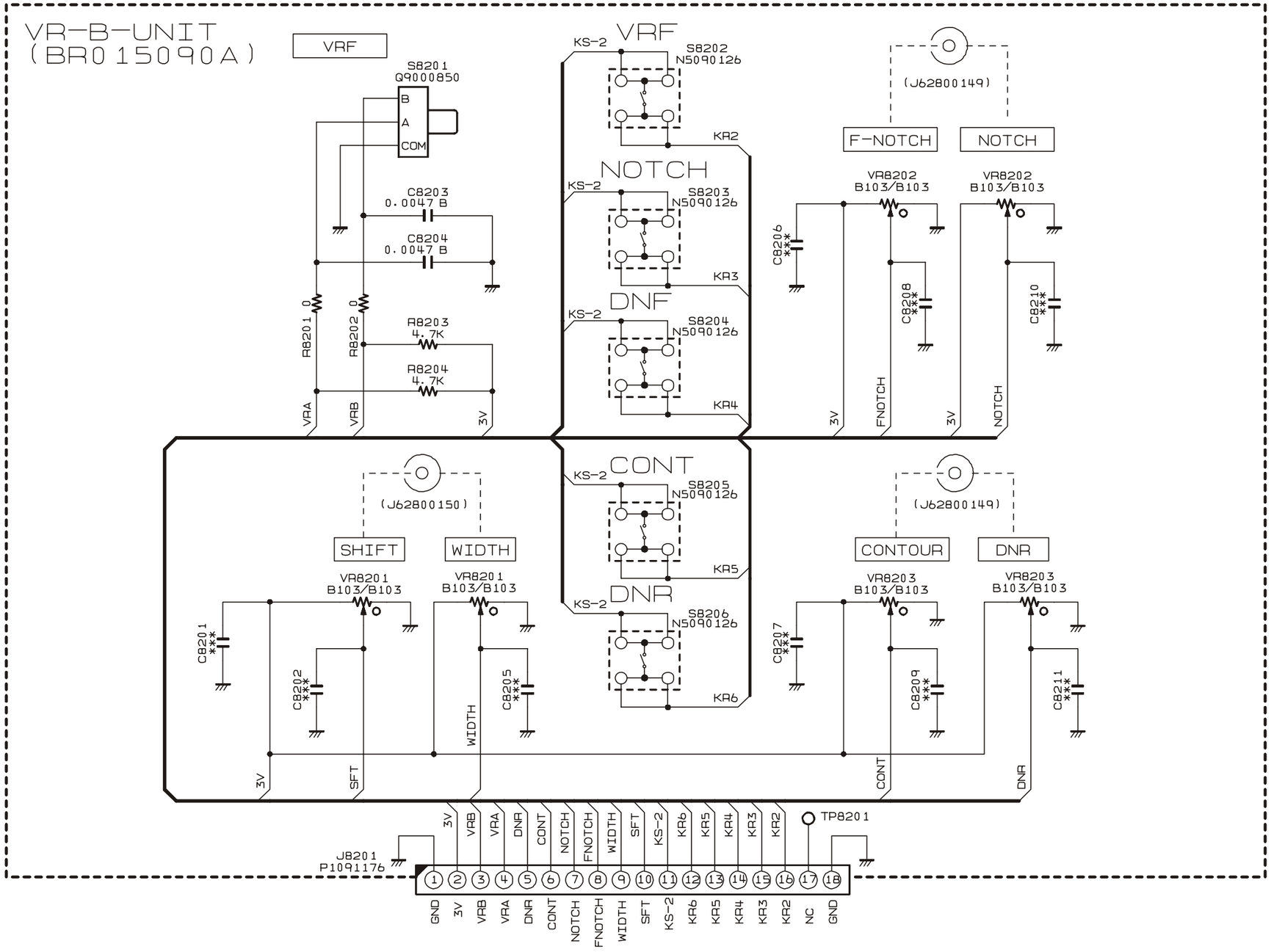
2SC4154E (E)
(Q8003)

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3629001				
	Printed Circuit Board				AH025H000	FR0150800		1-		
C 8001	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	A4
C 8002	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	A4
C 8003	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	A4
C 8004	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d1
C 8005	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A4
C 8006	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A4
C 8007	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A4
C 8011	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A4
C 8012	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A4
C 8013	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A4
C 8015	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	A4
C 8016	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	A4
C 8017	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	A	A4
C 8018	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	e2
C 8019	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	e2
C 8020	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	A	A4
C 8021	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	A	A4
C 8022	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	A	A4
C 8025	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	e2
C 8057	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e4
C 8058	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 8080	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 8081	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 8084	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e4
C 8085	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	e4
C 8090	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	B	d1
C 8091	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	B	d1
C 8092	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	d1
C 8093	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	d1
C 8094	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d1
C 8095	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d1
C 8096	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	d1
C 8097	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	d1
C 8098	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	d1
C 8099	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	d1
C 8100	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 8101	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	a4
C 8102	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b4
C 8103	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	d2
C 8104	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	d2
C 8105	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	e1
C 8106	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 8107	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 8108	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 8109	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 8110	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	A	A1
C 8111	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	e1
C 8112	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	e1
C 8113	CHIP CAP.	1uF	6.3V	B	GRM188B10J105KA01D	K22084801		1-	B	d1
C 8114	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	A1
C 8115	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	B1
C 8116	CHIP TA.CAP.	1uF	35V		TEMSVA1V105M-8R	K78160032		1-	A	A1
C 8118	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 8119	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A1
C 8121	CHIP TA.CAP.	22uF			TPSB226M016Y0600	K78120075		1-	A	A1
D 8001	DIODE				BAS316	G2070716		1-	B	d3
D 8002	DIODE				BAS316	G2070716		1-	B	d3
D 8003	DIODE				BAS316	G2070716		1-	B	d3
D 8004	DIODE				BAS316	G2070716		1-	B	d3
D 8005	DIODE				BAS316	G2070716		1-	B	d3
J 8001	CONNECTOR				SB20-04WS	P0090611		1-	B	e2
J 8002	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	d4
J 8003	CONNECTOR				18FLT-SM1-TB	P1091176		1-	B	e1
J 8004	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	d2
J 8005	CONNECTOR				SB20-02WS	P0090609		1-	B	c2
J 8006	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	d3
J 8007	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	a4
J 8008	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	a3
J 8009	CONNECTOR				SB20-03WS	P0090610		1-	B	d2
JP8001	WIRE ASSY				AH025H 300MM	T9207314		1-	B	d1
JP8001	WIRE ASSY				AH025H 180MM	T9207314A		3-	B	d1

VR-A Unit

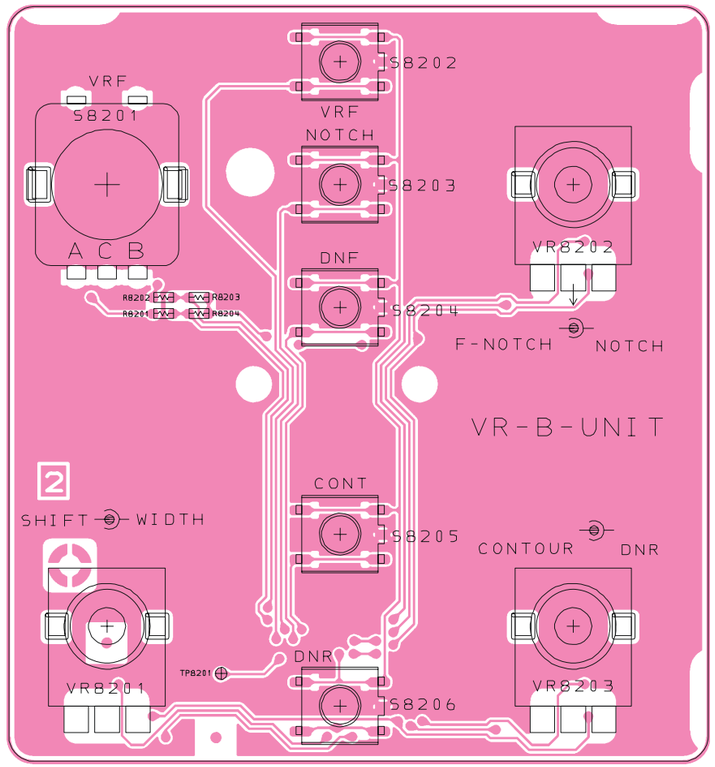
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 8001	IC				SN74HCT244PWR	G1094091		1-	B	e4
Q 8002	TRANSISTOR				2SB1182-TLQ	G3070063		1-	B	e1
Q 8003	TRANSISTOR				2SC4154-T11-1E	G3341548E		1-	B	e1
Q 8005	TRANSISTOR				DTC114EUA T106	G3070084		1-	B	d1
Q 8006	FET				2SJ387STL	G3703878		1-	B	d1
Q 8007	IC				BA05FP-E2	G1093209		1-	A	A1
R 8001	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	e2
R 8002	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	e2
R 8003	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	e2
R 8004	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	e4
R 8005	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	e4
R 8006	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	e4
R 8007	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	e4
R 8008	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d4
R 8009	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d1
R 8010	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d1
R 8011	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d1
R 8016	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	B	e1
R 8017	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	e1
R 8018	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	e1
R 8021	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	e1
R 8022	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	d1
R 8023	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	d1
R 8025	CHIP RES.	3.3	1W	5%	RMC1 3R3JTE	J24305339		1-	B	d2
R 8026	CHIP RES.	12	1W	5%	RMC1 120JTE	J24305120		1-	A	A1
S 8001	ROTARY SWITCH				SRBV160800	N0190187		1-	A	B3
S 8002	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A4
S 8003	TACT SWITCH				SKQYPAE010	N5090144		1-	A	B4
S 8004	TACT SWITCH				SKQYPAE010	N5090144		1-	A	B4
S 8005	TACT SWITCH				SKHUPDE010	N5090126		1-	A	C3
S 8006	TACT SWITCH				SKHUPDE010	N5090126		1-	A	C3
S 8007	TACT SWITCH				SKQYPAE010	N5090144		1-	A	C4
S 8008	TACT SWITCH				SKQYPAE010	N5090144		1-	A	C4
S 8009	TACT SWITCH				SKQYPAE010	N5090144		1-	A	D4
S 8010	TACT SWITCH				SKQYPAE010	N5090144		1-	A	D4
S 8011	TACT SWITCH				SKQYPAE010	N5090144		1-	A	E4
VR8001	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	B4
VR8002	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	B3
VR8003	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	B4
VR8005	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	D3
VR8006	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	D4
VR8007	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	E3
VR8008	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	E4
VR8009	POT.				RK09K1130AH1 10KB	J60800291		1-	A	C4

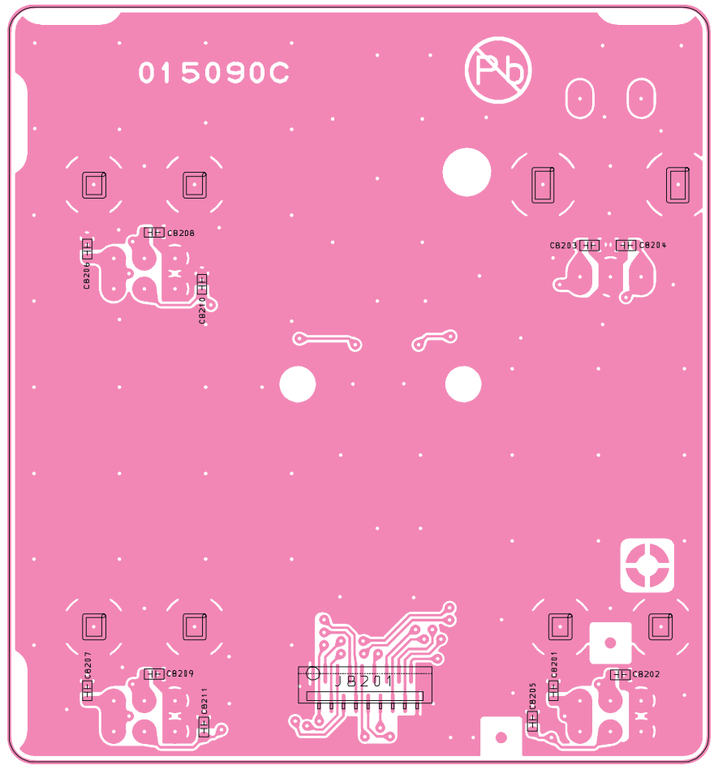

VR-B-UNIT
(BR015090A)
VRF
S8201
QQ000850
B
A
COM
C8203
0.0047 B
C8204
0.0047 B
R8201 0
R8202 0
R8203
4.7K
R8204
4.7K
VRA
VRB
3V
KS-2
VRF
S8202
N5090126
KR2
NOTCH
S8203
N5090126
KR3
DNF
S8204
N5090126
KR4
CONT
S8205
N5090126
KR5
DNR
S8206
N5090126
KR6
(J62800149)
F-NOTCH
NOTCH
VR8202
B103/B103
VR8202
B103/B103
CB206
CB208
CB210
FNOTCH
NOTCH
(J62800150)
SHIFT
WIDTH
VR8201
B103/B103
VR8201
B103/B103
CB201
CB202
CB205
WIDTH
SFT
(J62800149)
CONTOUR
DNR
VR8203
B103/B103
VR8203
B103/B103
CB207
CB209
CB211
CONT
DNR
TP8201
J8201
P1091176
3V VRB VRA DNR CONT NOTCH FNOTCH WIDTH SFT KS-2 KR6 KR5 KR4 KR3 KR2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
GND 3V VRB VRA DNR CONT NOTCH FNOTCH WIDTH SFT KS-2 KR6 KR5 KR4 KR3 KR2 NC GND
TO KEY-UNIT
(J8406)

VR-B Unit

Parts Layout



Side A

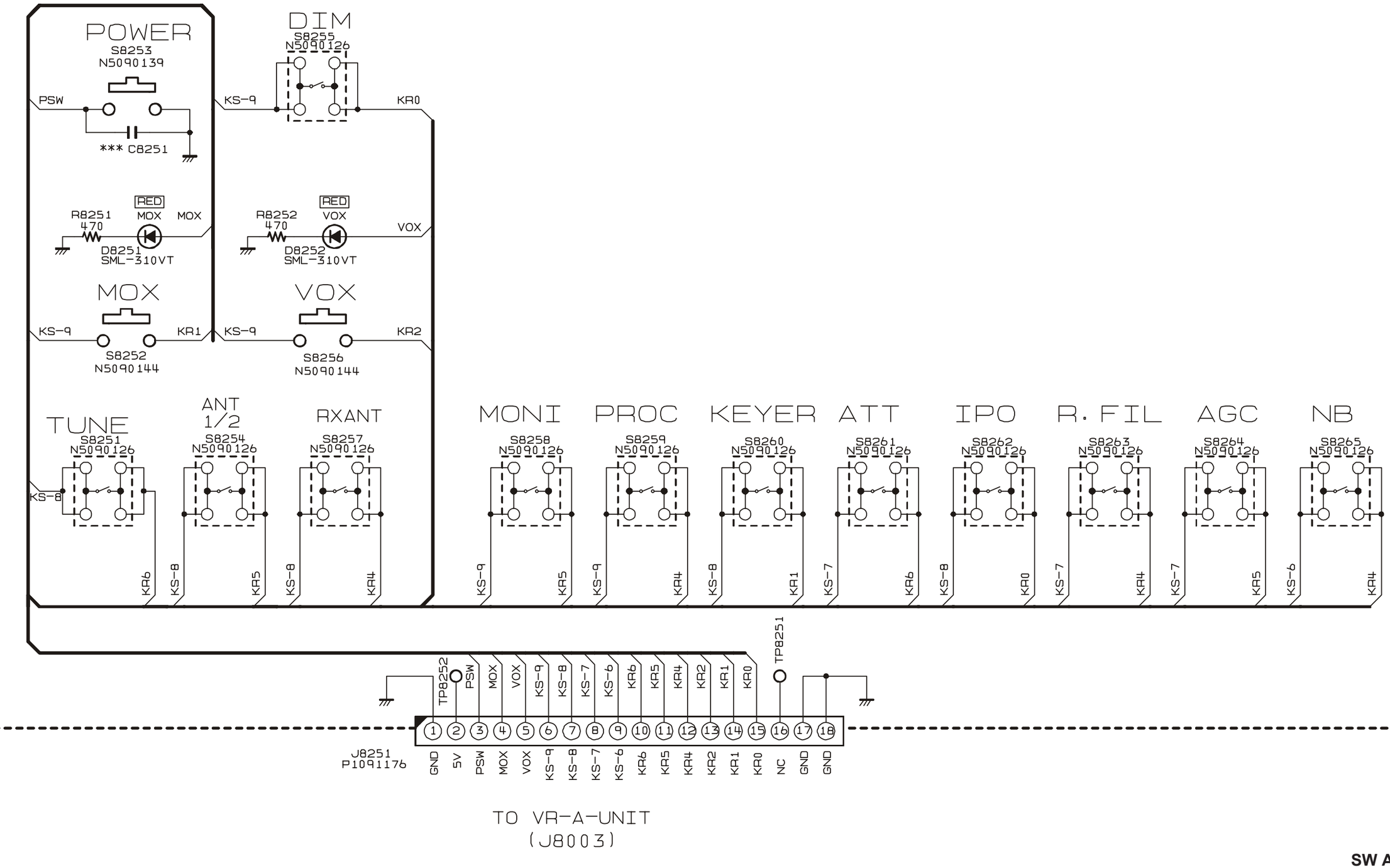


Side B

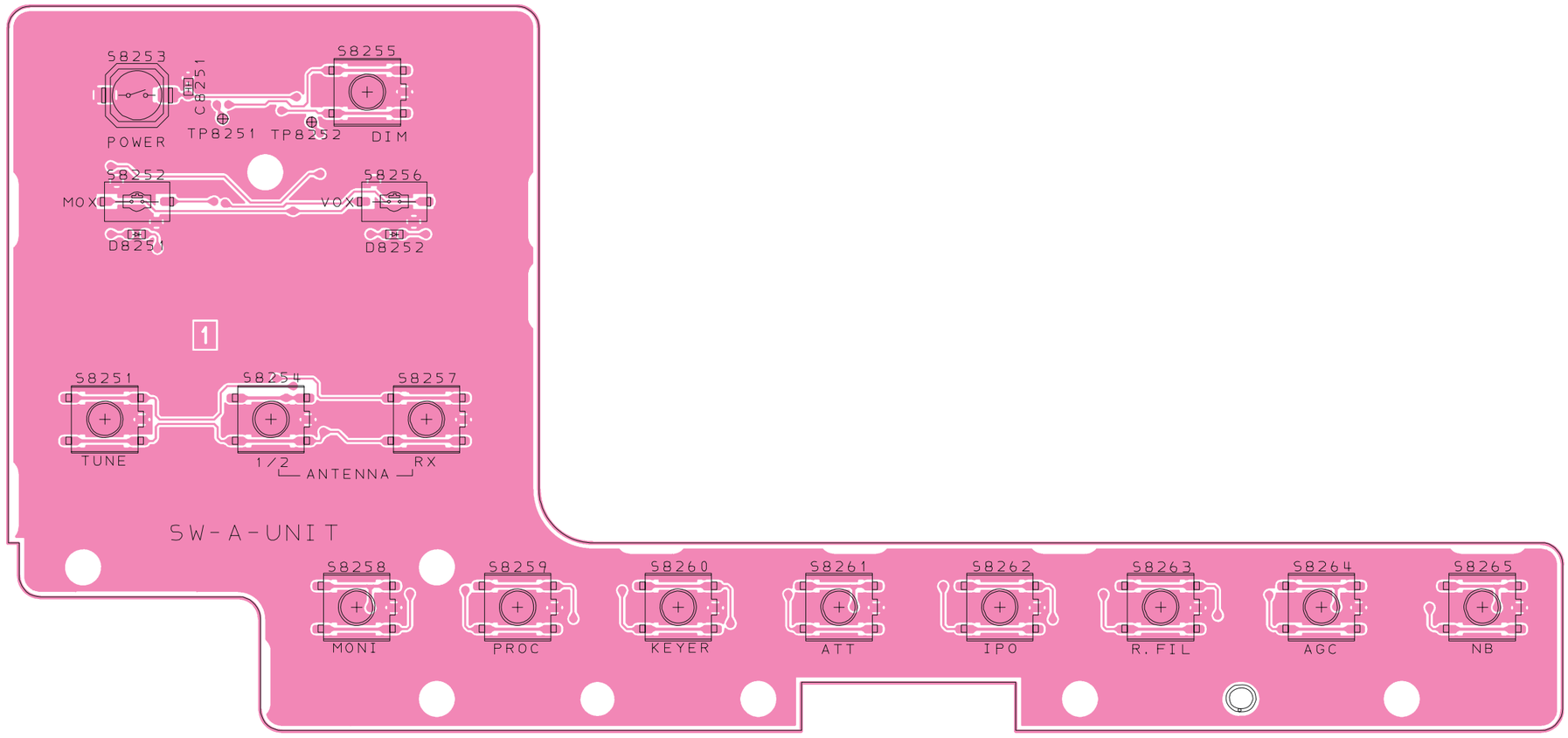
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3630001				
	Printed Circuit Board				AH025H000	FR0150900		1-		
C 8202	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 8203	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174833		1-	B	
C 8204	CHIP CAP.	0.0047uF	50V	B	GRM188B11H472KA01D	K22174833		1-	B	
J 8201	CONNECTOR				18FLT-SM1-TB	P1091176		1-	B	
R 8201	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	
R 8202	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	
R 8203	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	
R 8204	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	
S 8201	ROTARY ENCODER				EC11G15204	Q9000850		1-	A	
S 8202	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8203	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8204	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8205	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8206	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
VR8201	POT.				RH96D236 30F B103 RY8150	J62800150		1-	A	
VR8202	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	
VR8203	POT.				RH96D190 30F B103 RY8151	J62800149		1-	A	

Note:

SW-A-UNIT(BR015100A)

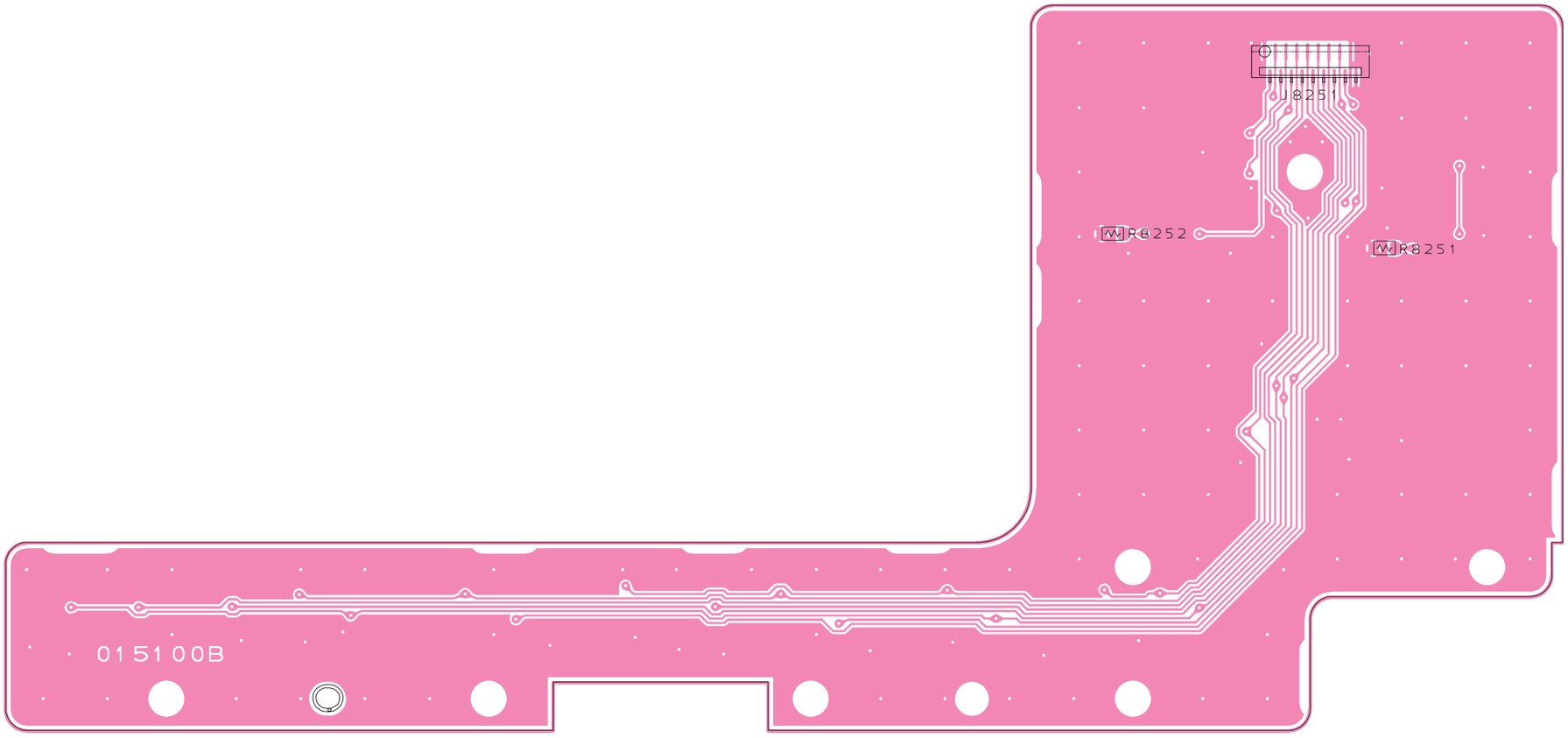


Note


S8253
POWER
C8251
TP8251
TP8252
S8255
DIM
S8252
MOX
D8251
S8256
VOX
D8252
1
S8251
TUNE
S8254
1/2
ANTENNA
S8257
RX
SW-A-UNIT
S8258
MONI
S8259
PROC
S8260
KEYER
S8261
ATT
S8262
IPO
S8263
R.FIL
S8264
AGC
S8265
NB

SW-A Unit

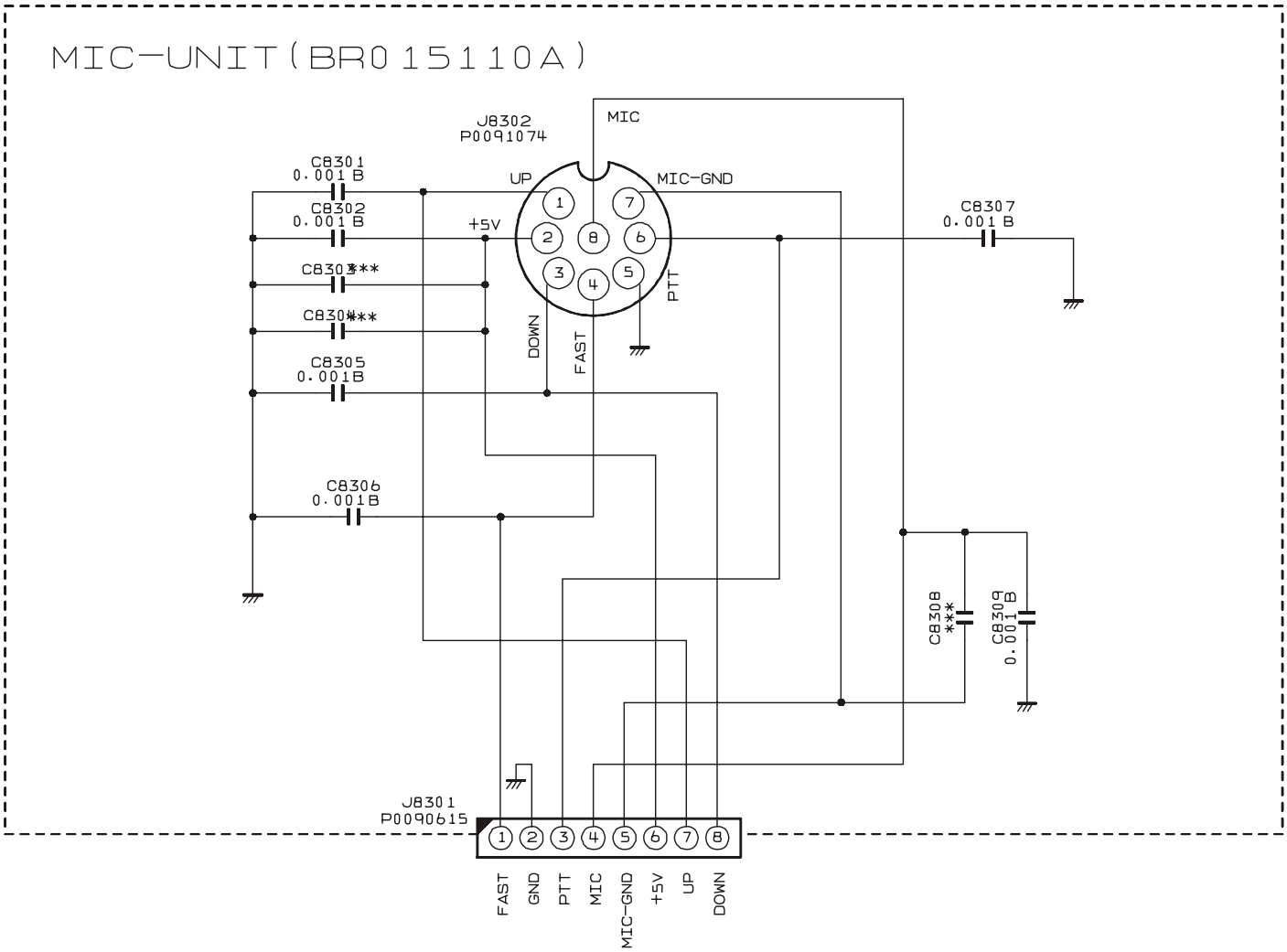
Parts Layout (Side B)



REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3631001				
	Printed Circuit Board				AH025H000	FR0151000		1-		
D 8251	LED				SML-310VTT86JK	G2071032		1-	A	
D 8252	LED				SML-310VTT86JK	G2071032		1-	A	
J 8251	CONNECTOR				18FLT-SM1-TB	P1091176		1-	B	
R 8251	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	
R 8251	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		4-	B	
R 8252	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	
R 8252	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		4-	B	
S 8251	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8252	TACT SWITCH				SKQYPAE010	N5090144		1-	A	
S 8253	TACT SWITCH				SKPMAPE010	N5090139		1-	A	
S 8254	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8255	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8256	TACT SWITCH				SKQYPAE010	N5090144		1-	A	
S 8257	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8258	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8259	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8260	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8261	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8262	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8263	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8264	TACT SWITCH				SKHUPDE010	N5090126		1-	A	
S 8265	TACT SWITCH				SKHUPDE010	N5090126		1-	A	

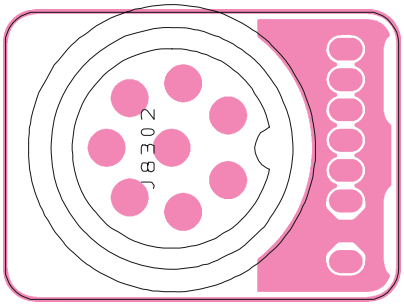
Note:

Circuit Diagram

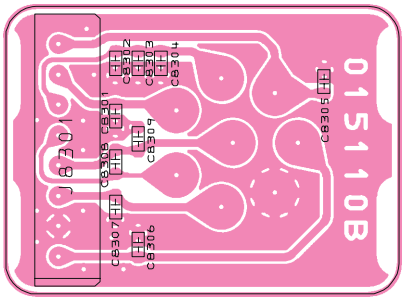


MIC Unit

Parts Layout



Side A



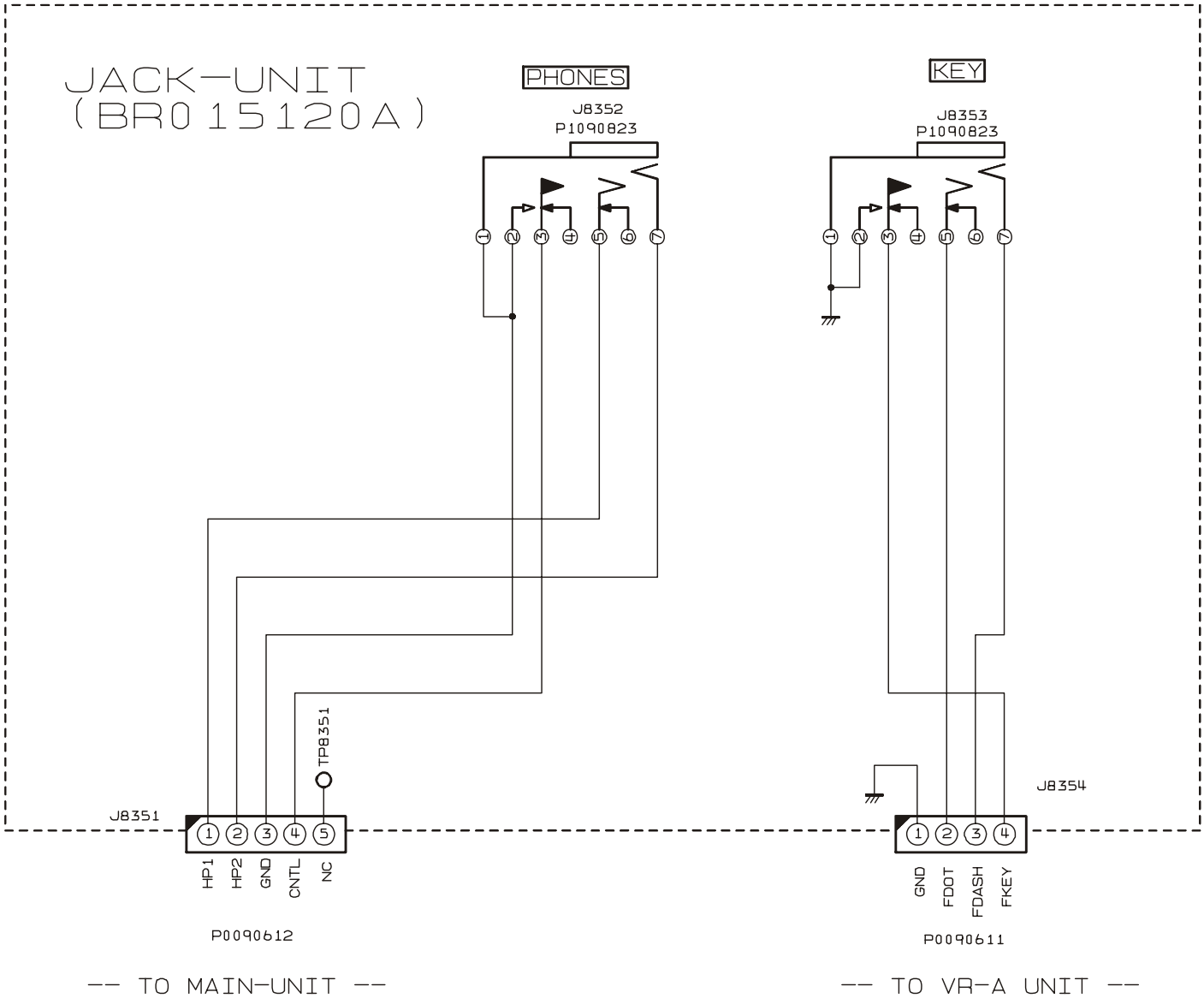
Side B

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3632001				
	Printed Circuit Board				AH025H000	FR0151100		1-		
C 8301	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	
C 8302	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	
C 8305	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	
C 8306	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	
C 8307	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	
C 8309	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	
J 8301	CONNECTOR				SB20-08WS	P0090615		1-	B	
J 8302	CONNECTOR				FM214-8SMPT-NI	P0091074		1-	A	

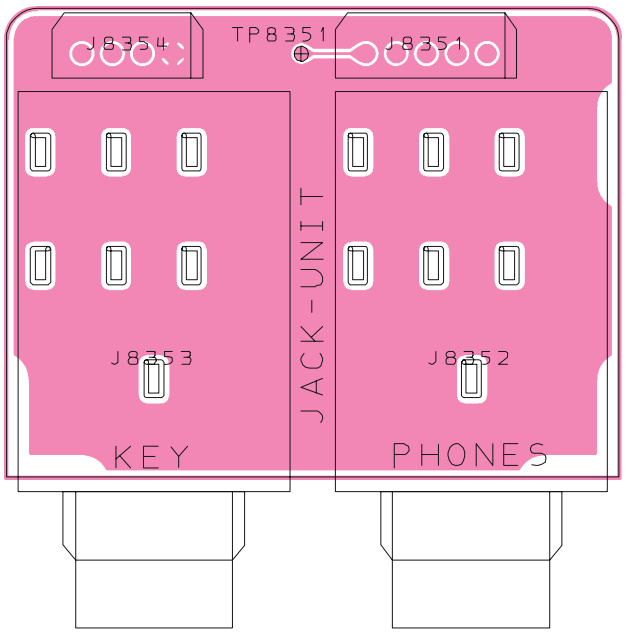
JACK Unit

Circuit Diagram

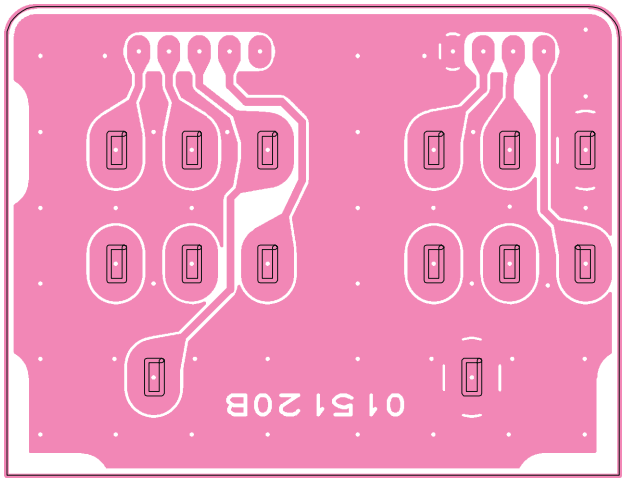


JACK Unit

Parts Layout



Side A

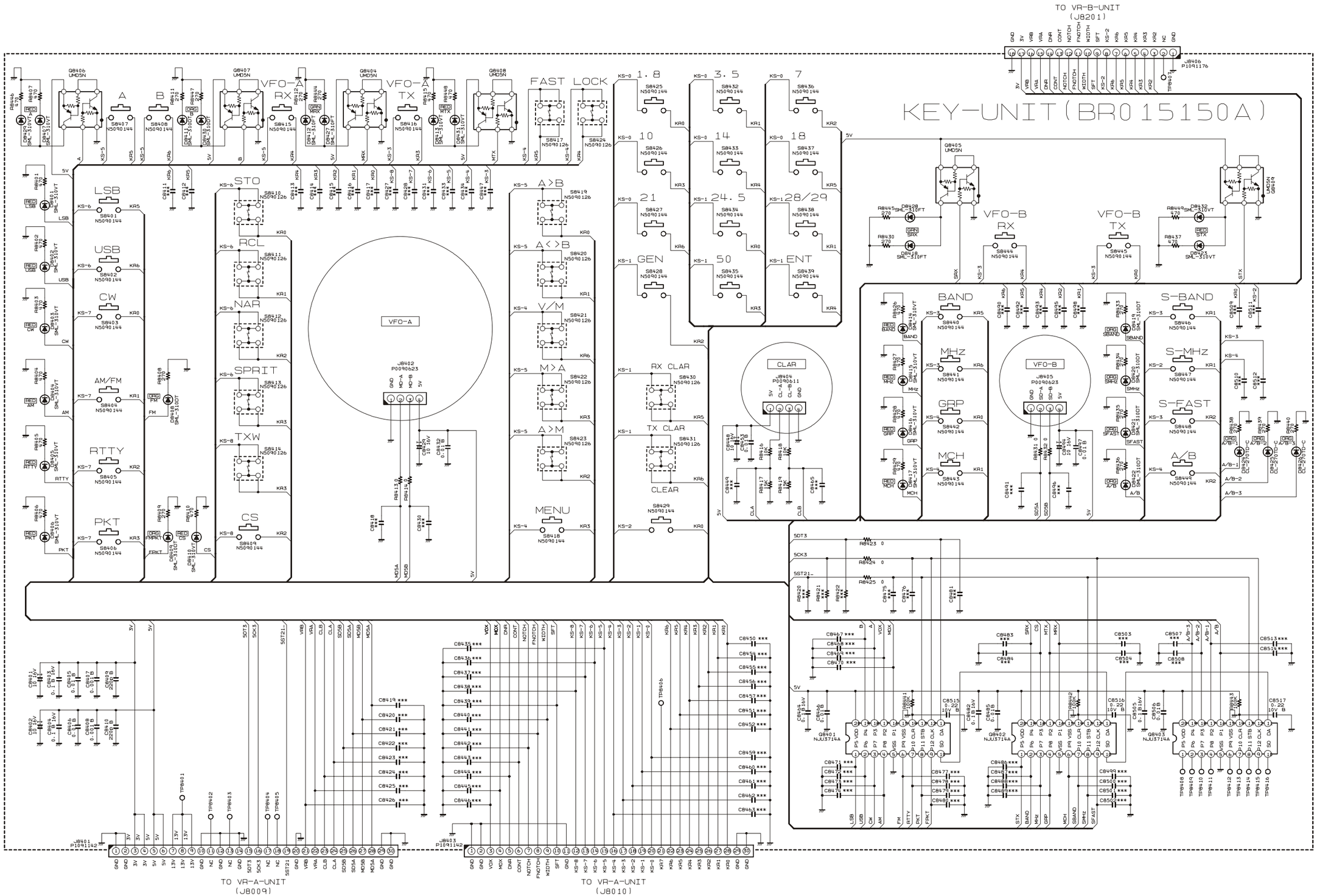


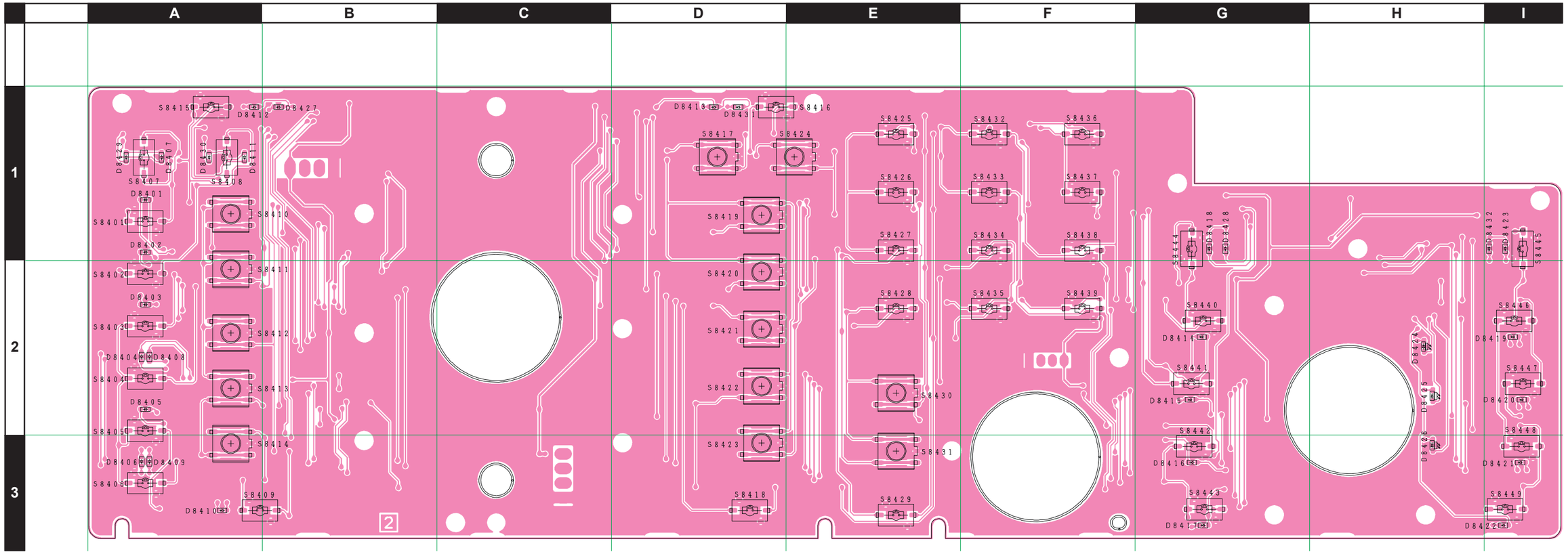
SideB

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3633001				
PB8351	Printed Circuit Board				AH025H000	FR015120B		1-		
J 8351	CONNECTOR				SB20-05WS	P0090612		1-	A	
J 8352	CONNECTOR				HLJ2305-0130609	P1090823		1-	A	
J 8353	CONNECTOR				HLJ2305-0130609	P1090823		1-	A	
J 8354	CONNECTOR				SB20-04WS	P0090611		1-	A	

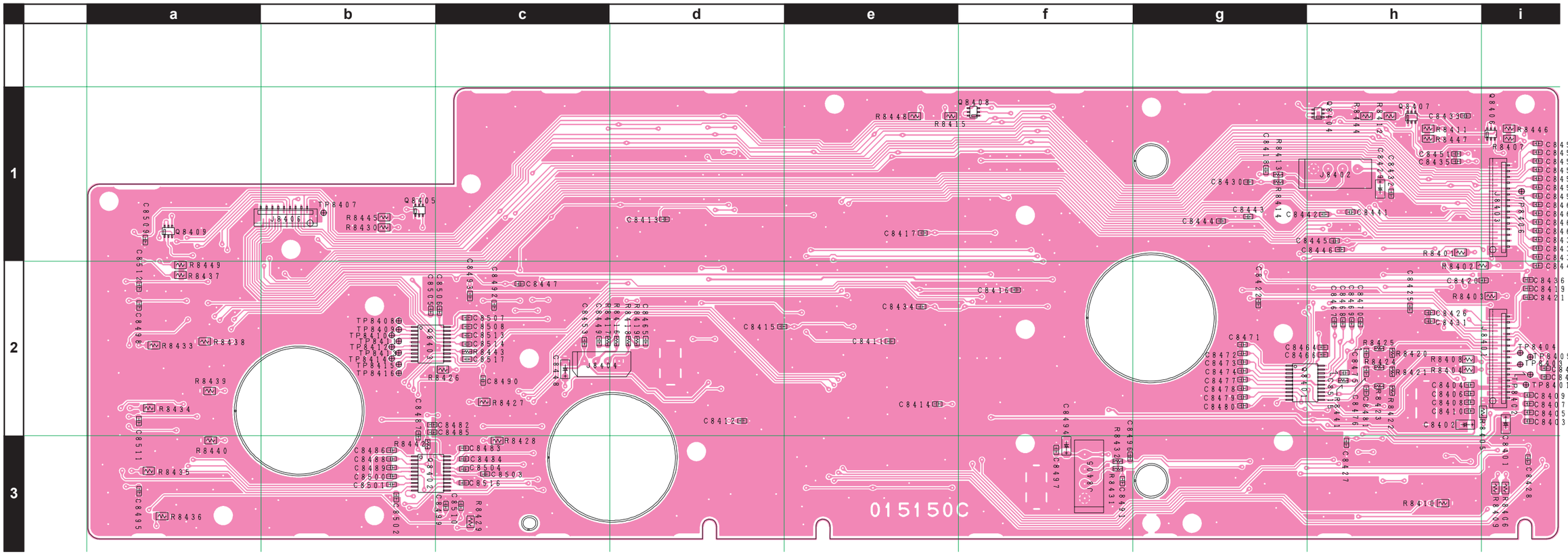
Circuit Diagram

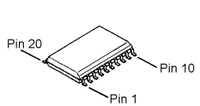



A
B
C
D
E
F
G
H
I
1
2
3
S8415
D8412
D8427
D8423
D8407
D8431
D8411
S8407
S8408
D8401
S8401
S8410
D8402
S8402
S8411
D8403
S8403
S8412
D8404
D8408
S8404
S8413
D8405
S8405
S8414
D8406
D8409
S8406
S8409
D8410
D8413
D8431
S8416
S8417
S8424
S8419
S8420
S8421
S8422
S8423
S8418
S8425
S8426
S8427
S8428
S8430
S8431
S8429
S8432
S8433
S8434
S8435
S8436
S8437
S8438
S8439
S8444
D8418
D8428
S8440
D8414
S8441
D8415
S8442
D8416
S8443
D8417
D8432
D8423
S8445
S8446
D8419
S8447
D8420
D8426
S8448
D8421
S8449
D8422

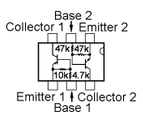
KEY Unit

Parts Layout (Side B)





NJU3714A
(Q8401, 8402, 8403)



UMD5N
(Q8404, 8405, 8406,
8407, 8408, 8409)

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3653001				
	Printed Circuit Board				AH025H000	FR0151500		1-		
C 8401	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	i2
C 8402	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	h2
C 8403	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	i2
C 8404	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	h2
C 8405	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	i2
C 8406	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	h2
C 8407	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	i2
C 8408	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174809		1-	B	h2
C 8409	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	B	i2
C 8410	CHIP CAP.	220pF	50V	B	GRM188B11H221KA01D	K22174801		1-	B	h2
C 8429	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	h1
C 8432	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	h1
C 8448	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	c2
C 8453	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 8464	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	h2
C 8466	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	h2
C 8482	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 8485	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	b2
C 8494	CHIP TA.CAP.	10uF	16V		TEESVA1C106M8R	K78120077		1-	B	f3
C 8497	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	f3
C 8505	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	B	b2
C 8506	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	B	c2
C 8515	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		1-	B	h2
C 8516	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		1-	B	c3
C 8517	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		1-	B	c2
D 8401	LED				SML-310VTT86JK	G2071032		1-	A	A1
D 8402	LED				SML-310VTT86JK	G2071032		1-	A	A1
D 8403	LED				SML-310VTT86JK	G2071032		1-	A	A2
D 8404	LED				SML-310VTT86JK	G2071032		1-	A	A2
D 8405	LED				SML-310VTT86JK	G2071032		1-	A	A2
D 8406	LED				SML-310VTT86JK	G2071032		1-	A	A3
D 8407	LED				SML-310VTT86JK	G2071032		1-	A	A1
D 8408	LED				SML-310DTT86KL	G2071024		1-	A	A2
D 8409	LED				SML-310DTT86KL	G2071024		1-	A	A3
D 8410	LED				SML-310VTT86JK	G2071032		1-	A	A3
D 8411	LED				SML-310DTT86KL	G2071024		1-	A	A1
D 8412	LED				SML-310FTT86KL	G2071026		1-	A	A1
D 8413	LED				SML-310VTT86JK	G2071032		1-	A	D1
D 8414	LED				SML-310VTT86JK	G2071032		1-	A	G2
D 8415	LED				SML-310VTT86JK	G2071032		1-	A	G2
D 8416	LED				SML-310VTT86JK	G2071032		1-	A	G3
D 8417	LED				SML-310VTT86JK	G2071032		1-	A	G3
D 8418	LED				SML-310FTT86KL	G2071026		1-	A	G1
D 8419	LED				SML-310DTT86KL	G2071024		1-	A	I2
D 8420	LED				SML-310DTT86KL	G2071024		1-	A	I2
D 8421	LED				SML-310DTT86KL	G2071024		1-	A	I3
D 8422	LED				SML-310DTT86KL	G2071024		1-	A	I3
D 8423	LED				SML-310VTT86JK	G2071032		1-	A	I1
D 8424	LED				CL-270TD-C-TS	G2070930		1-	A	H2
D 8425	LED				CL-270TD-C-TS	G2070930		1-	A	H2
D 8426	LED				CL-270TD-C-TS	G2070930		1-	A	H3
D 8427	LED				SML-310FTT86KL	G2071026		1-	A	B1
D 8428	LED				SML-310FTT86KL	G2071026		1-	A	G1
D 8429	LED				SML-310VTT86JK	G2071032		1-	A	A1
D 8430	LED				SML-310DTT86KL	G2071024		1-	A	A1
D 8431	LED				SML-310VTT86JK	G2071032		1-	A	D1
D 8432	LED				SML-310VTT86JK	G2071032		1-	A	I1
J 8401	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	i2
J 8402	CONNECTOR				SC25-04WS	P0090623		1-	B	h1
J 8403	CONNECTOR				30FLT-SM1-TB	P1091142		1-	B	i1
J 8404	CONNECTOR				SB20-04WS	P0090611		1-	B	c2
J 8405	CONNECTOR				SC25-04WS	P0090623		1-	B	f3
J 8406	CONNECTOR				18FLT-SM1-TB	P1091176		1-	B	b1
Q 8401	IC				NJU3714A(TAPE)	G1094291		1-	B	g2
Q 8402	IC				NJU3714A(TAPE)	G1094291		1-	B	b3
Q 8403	IC				NJU3714A(TAPE)	G1094291		1-	B	b2
Q 8404	TRANSISTOR				UMD5N TR	G3070343		1-	B	h1
Q 8405	TRANSISTOR				UMD5N TR	G3070343		1-	B	b1
Q 8406	TRANSISTOR				UMD5N TR	G3070343		1-	B	i1
Q 8407	TRANSISTOR				UMD5N TR	G3070343		1-	B	h1
Q 8408	TRANSISTOR				UMD5N TR	G3070343		1-	B	f1

KEY Unit

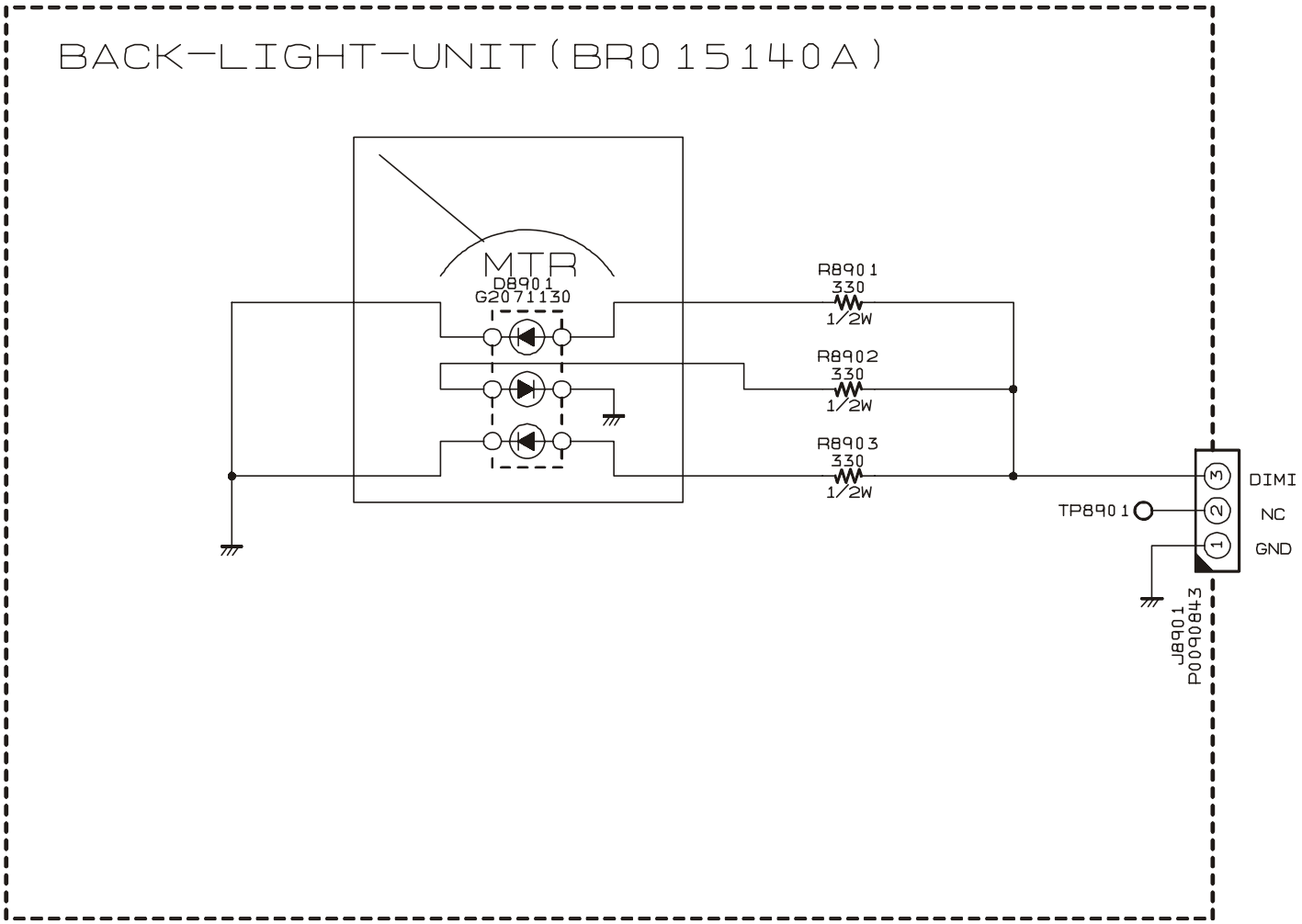
Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
Q 8409	TRANSISTOR				UMD5N TR	G3070343		1-	B	a1
R 8401	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	h1
R 8402	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	i2
R 8403	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	i2
R 8404	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	h2
R 8405	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	i2
R 8406	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	i3
R 8407	CHIP RES.	820	1/10W	5%	RMC1/10T 821J	J24205821		1-	B	i1
R 8408	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	h2
R 8409	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	i3
R 8410	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	h3
R 8411	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	h1
R 8412	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	h1
R 8413	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	g1
R 8414	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	g1
R 8415	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	e1
R 8416	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	d2
R 8417	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	c2
R 8418	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	d2
R 8419	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	d2
R 8423	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	h2
R 8424	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	h2
R 8425	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	h2
R 8426	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	c2
R 8427	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	c2
R 8428	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	c3
R 8429	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	c3
R 8430	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	b1
R 8431	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	f3
R 8432	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	f3
R 8433	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	a2
R 8434	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	a2
R 8435	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	a3
R 8436	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	a3
R 8437	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	a2
R 8438	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	B	a2
R 8439	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	B	a2
R 8440	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	B	a3
R 8441	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	h2
R 8442	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	b3
R 8443	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	c2
R 8444	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	h1
R 8445	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	b1
R 8446	CHIP RES.	820	1/10W	5%	RMC1/10T 821J	J24205821		1-	B	i1
R 8447	CHIP RES.	270	1/10W	5%	RMC1/10T 271J	J24205271		1-	B	h1
R 8448	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	e1
R 8449	CHIP RES.	470	1/10W	5%	RMC1/10T 471J	J24205471		1-	B	a2
S 8401	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A1
S 8402	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A2
S 8403	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A2
S 8404	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A2
S 8405	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A2
S 8406	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A3
S 8407	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A1
S 8408	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A1
S 8409	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A3
S 8410	TACT SWITCH				SKHUPDE010	N5090126		1-	A	A1
S 8411	TACT SWITCH				SKHUPDE010	N5090126		1-	A	A2
S 8412	TACT SWITCH				SKHUPDE010	N5090126		1-	A	A2
S 8413	TACT SWITCH				SKHUPDE010	N5090126		1-	A	A2
S 8414	TACT SWITCH				SKHUPDE010	N5090126		1-	A	A3
S 8415	TACT SWITCH				SKQYPAE010	N5090144		1-	A	A1
S 8416	TACT SWITCH				SKQYPAE010	N5090144		1-	A	D1
S 8417	TACT SWITCH				SKHUPDE010	N5090126		1-	A	D1
S 8418	TACT SWITCH				SKQYPAE010	N5090144		1-	A	D3
S 8419	TACT SWITCH				SKHUPDE010	N5090126		1-	A	D1
S 8420	TACT SWITCH				SKHUPDE010	N5090126		1-	A	D2
S 8421	TACT SWITCH				SKHUPDE010	N5090126		1-	A	D2
S 8422	TACT SWITCH				SKHUPDE010	N5090126		1-	A	D2
S 8423	TACT SWITCH				SKHUPDE010	N5090126		1-	A	D3
S 8424	TACT SWITCH				SKHUPDE010	N5090126		1-	A	E1
S 8425	TACT SWITCH				SKQYPAE010	N5090144		1-	A	E1
S 8425	TACT SWITCH				SKQYPBE010	N5090155		4-	A	E1

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
S 8426	TACT SWITCH				SKQYPAE010	N5090144		1-	A	E1
S 8426	TACT SWITCH				SKQYPBE010	N5090155		4-	A	E1
S 8427	TACT SWITCH				SKQYPAE010	N5090144		1-	A	E1
S 8427	TACT SWITCH				SKQYPBE010	N5090155		4-	A	E1
S 8428	TACT SWITCH				SKQYPAE010	N5090144		1-	A	E2
S 8428	TACT SWITCH				SKQYPBE010	N5090155		4-	A	E2
S 8429	TACT SWITCH				SKQYPAE010	N5090144		1-	A	E3
S 8430	TACT SWITCH				SKHUPDE010	N5090126		1-	A	E2
S 8431	TACT SWITCH				SKHUPDE010	N5090126		1-	A	E3
S 8432	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F1
S 8432	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F1
S 8433	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F1
S 8433	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F1
S 8434	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F1
S 8434	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F1
S 8435	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F2
S 8435	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F2
S 8436	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F1
S 8436	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F1
S 8437	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F1
S 8437	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F1
S 8438	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F1
S 8438	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F1
S 8439	TACT SWITCH				SKQYPAE010	N5090144		1-	A	F2
S 8439	TACT SWITCH				SKQYPBE010	N5090155		4-	A	F2
S 8440	TACT SWITCH				SKQYPAE010	N5090144		1-	A	G2
S 8441	TACT SWITCH				SKQYPAE010	N5090144		1-	A	G2
S 8442	TACT SWITCH				SKQYPAE010	N5090144		1-	A	G3
S 8443	TACT SWITCH				SKQYPAE010	N5090144		1-	A	G3
S 8444	TACT SWITCH				SKQYPAE010	N5090144		1-	A	G1
S 8445	TACT SWITCH				SKQYPAE010	N5090144		1-	A	I1
S 8446	TACT SWITCH				SKQYPAE010	N5090144		1-	A	I2
S 8447	TACT SWITCH				SKQYPAE010	N5090144		1-	A	I2
S 8448	TACT SWITCH				SKQYPAE010	N5090144		1-	A	I3
S 8449	TACT SWITCH				SKQYPAE010	N5090144		1-	A	I3

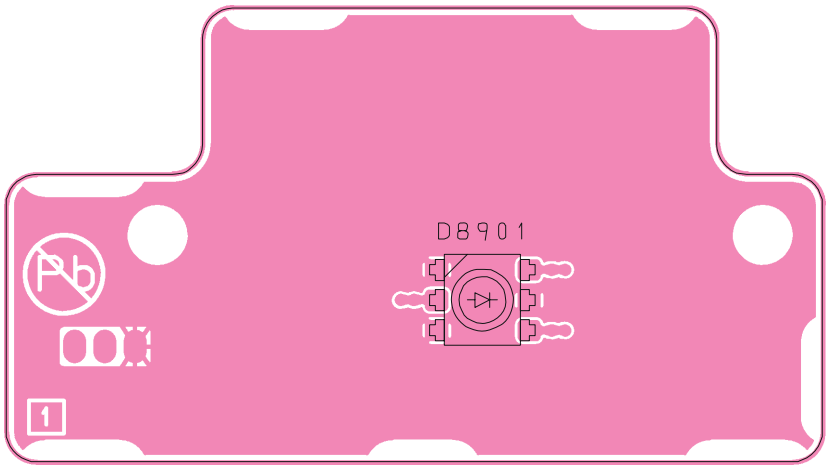
Note:

Circuit Diagram

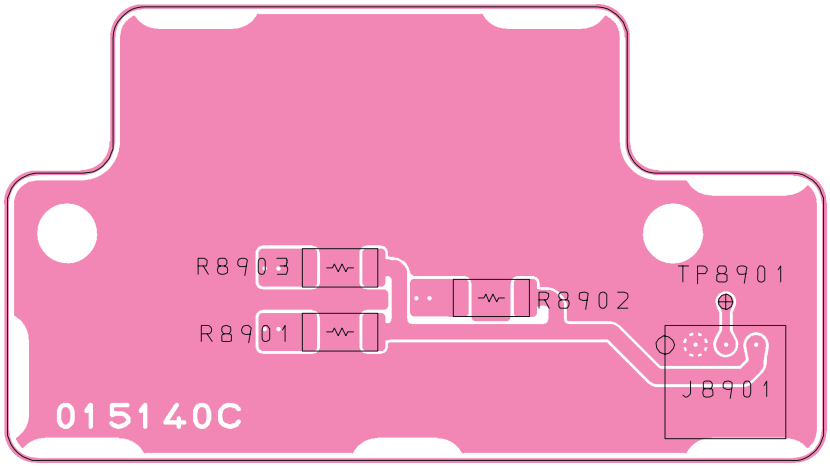


BACK-LIGHT Unit

Parts Layout



Side A



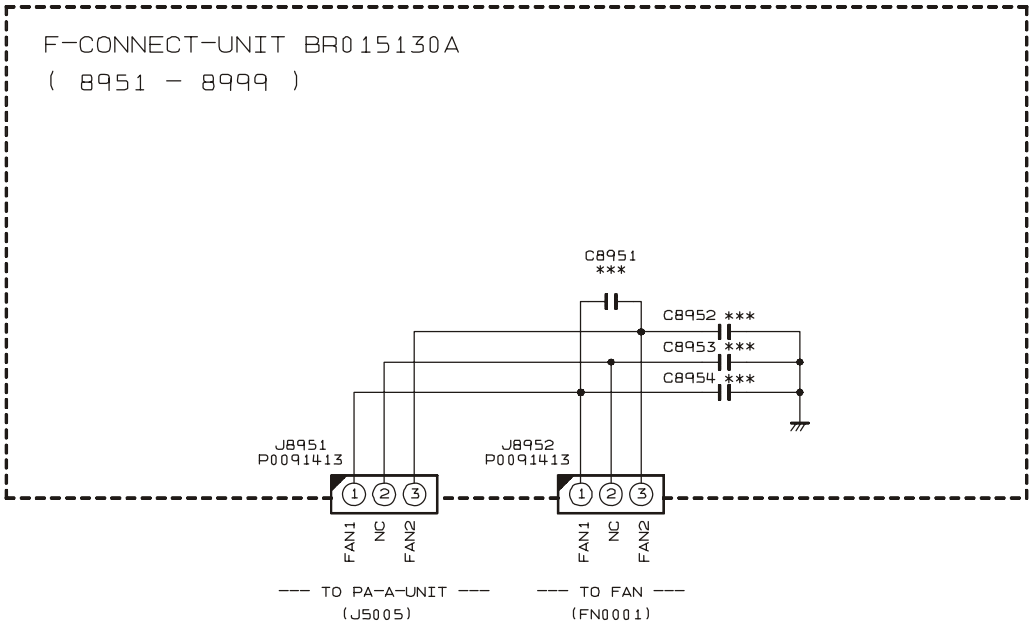
Side B

Parts List

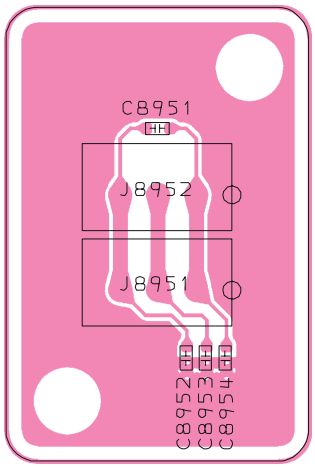
REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAYADR
	PCB with Components					CB3635001				
	Printed Circuit Board				AH025H000	FR0151400		1-		
D 8901	LED				GM5BW01300A	G2071130		1-	A	
J 8901	CONNECTOR				SB20-03WL	P0090843		1-	B	
R 8901	CHIP RES.	2.2k	1/2W	5%	RMC1/2 222JCTP	J24275222		1-	B	
R 8902	CHIP RES.	2.2k	1/2W	5%	RMC1/2 222JCTP	J24275222		1-	B	
R 8903	CHIP RES.	2.2k	1/2W	5%	RMC1/2 222JCTP	J24275222		1-	B	

F-CONNECT Unit

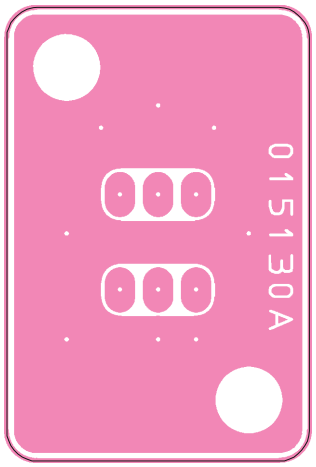
Circuit Diagram



Parts Layout



Side A



Side B

Parts List

REF	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT	SIDE	LAY ADR
	PCB with Components					CB3753001				
PB8951	Printed Circuit Board				AH025H000	FR0151300		1-		
J 8951	CONNECTOR				B03B-XH-A	P0091413		1-	A	
J 8952	CONNECTOR				B03B-XH-A	P0091413		1-	A	

Note



Copyright 2007
VERTEX STANDARD CO., LTD.
All rights reserved

No portion of this manual
may be reproduced without
the permission of
VERTEX STANDARD CO., LTD.