HF & V/UHF Band
All Mode Mobile Transceiver

FT-100/-100D

Technical Supplement

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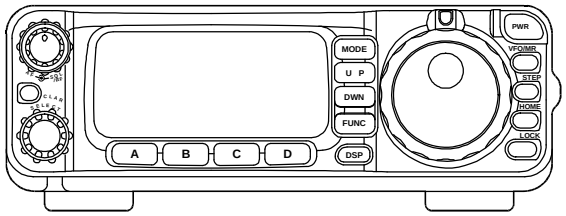
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Introduction

This manual provides technical information necessary for servicing the Yaesu FT-100/-100D HF & V/UHF-Band Transceiver. It does not include information on installation and operation, which are described in the FT-100/-100D Operating Manual provided with the transceiver, or on accessories which are described in their manuals.

The FT-100/-100D is carefully designed to allow the knowledgeable operator to make nearly all adjustments required for various station conditions, modes and operator preferences simply from the controls on the panels, without opening the case of the transceiver. The FT-100/-100D Operating Manual describes these adjustments, plus certain internal settings.

Servicing this equipment requires expertise in handling surface mount chip components. Attempts by unqualified persons to service this equipment may result in permanent damage not covered by warranty. For the major circuit boards, each side of the board is identified by the type of the majority of components installed on that side. In most cases one side has only chip components, and the other has either a mixture of both chip and lead components (trimmers, coils, electrolytic capacitors, packaged ICs, etc.), or lead components only.



While we believe the technical information in this manual is 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. VERTEX STANDARD reserves the right to make changes in this transceiver and the alignment procedures, in the interest of technological improvement, without notification of owners.

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Specifications

General

Frequency Range:
Receive 100 kHz – 970 MHz (European version)
100 kHz – 824 MHz, 849 – 864 MHz,
and 894 – 961 MHz (U.S.A version)
Transmit 160 – 6 Meters
2 Meters
70 Centimeters (Amateur bands only)
5167.5 kHz: Alaska Emergency Frequency
(U.S.A. version only)

Emission Modes:
A1 (CW), A3 (AM), A3J (LSB/USB),
F1 (9600 bps Packet), F2 (1200 bps Packet), F3 (FM)

Synthesizer Steps (Min.):
1.25 Hz (CW/SSB), 100 Hz (AM), 100 Hz (FM),
1 kHz (FM)

Antenna Impedance:
50Ω, Unbalanced

Operating Temp. Range:
–10 °C to +60 °C (14 °F to 122 °F)

Frequency Stability:
Better than ±4 ppm (–10 °C to +50 °C) (SSB/CW/AM)
Better than ±{1 kHz +4 ppm} (FM)

Power Requirements:
DC 13.8V ± 10%, Negative Ground

Current Consumption:
Receive (Squelched): 1.2A, Receive (Max. Audio): 1.6A
Transmit: 22A (@ 100W RF output)

Case Size:
160(W) x 54(H) x 205(D) mm (6.3" x 2.2" x 8.0" WHD)

Weight:
3 kg. (6.6 lb.)

Transmitter

Power Output:
160 – 6m: 100 Watts (25 Watts AM carrier)
2m: 50 Watts (12.5 Watts AM carrier)
70cm: 20 Watts (5 Watts AM carrier)

Modulation Types:
SSB: Balanced Modulator
FM: Variable Reactance
AM: Early Stage (Low Level)

FM Maximum Deviation:
±5 kHz (±2.5 kHz on FM-N)

Spurious Radiation:
Harmonics: At least 40 dB down (1.8 – 29.7 MHz)
At least 60 dB down (50/144/430 MHz)
Non-harmonic: At least 50 dB down (1.8 – 29.7 MHz)
At least 60 dB down (50/144/430 MHz)

Carrier Suppression:
At least 40 dB

Opp. Sideband Suppression:
At least 50 dB

SSB Frequency Response:
400 Hz – 2600 Hz (–6 dB)

Microphone Impedance:
200Ω – 10kΩ (Supplied microphone: 2kΩ)

Receiver

Sensitivity:

	SSB/CW	AM-N	FM
100 kHz – 150 kHz:	–	–	–
150 kHz – 250 kHz*:	5 μV	40 μV	–
250 kHz – 1.8 MHz*:	4 μV	32 μV	–
1.8 – 28 MHz*:	0.25 μV	2 μV	–
28 – 30 MHz:	0.25 μV	2 μV	0.50 μV
50 – 54 MHz:	0.20 μV	2 μV	0.50 μV
144/430 MHz:	0.125 μV	2 μV	0.20 μV

Above specifications are worst-case.
SSB/CW/AM-N figures are for 10 dB S/N, 12 dB SINAD on FM. **: IPO off*

Squelch Sensitivity:

	SSB/CW/AM	FM
1.8 – 28 MHz:	2.5 μV	–
28 – 30 MHz:	2.5 μV	0.32 μV
50 – 54 MHz:	1.12 μV	0.20 μV
144/430 MHz:	0.8 μV	0.16 μV

Intermediate Frequencies:
1st IF: 68.985 MHz (SSB/CW/FM/Digital)
67.980 MHz (W-FM)
2nd IF: 11.705 MHz (SSB/CW/FM/Digital)
10.700 MHz (W-FM)
3rd IF: 455 kHz (FM)

Image Rejection:
Better than 70 dB (1.8 – 30 MHz, 50 – 54 MHz)
Better than 60 dB (144 – 148 MHz, 430 – 440 MHz)

IF Rejection:
Better than 70 dB (1.8 – 30 MHz)
Better than 60 dB (50 – 54 MHz, 144 – 148 MHz,
430 – 440 MHz)

Selectivity (–6/–60 dB):
SSB/CW: 2.2 kHz/5.2 kHz
CW: 450 Hz/1.8 kHz
(FT-100: Optional **XF-117C** installed)
CW-N: 250 Hz/1.2 kHz
(Optional **XF-117CN** installed)
AM: 5.2 kHz/18 kHz
(Optional **XF-117A** installed)
FM: 15 kHz /25 kHz (–6/–50 dB)

Audio Output:
At least 1.5W into 8Ω @ 10% THD

Audio output impedance:
4Ω – 8Ω

Specifications are subject to change without notice, and are guaranteed within amateur bands only.

Introduction and Precautions

The following procedures cover adjustments that are not normally required once the transceiver has left the factory. However, if damage occurs and some parts subsequently are replaced, realignment may be required. If a sudden problem occurs during normal operation, it is likely due to component failure; realignment should not be done until after the faulty component has been replaced.

We recommend that servicing be performed by authorized Yaesu service technicians, who are experienced with the circuitry and fully equipped for repair and alignment. If a fault is suspected, contact the selling dealer for instructions regarding repair. Authorized Yaesu service technicians have the latest modification information, and realign all circuits and make compete performance checks to ensure compliance with the factory specifications after repairs.

Those who do undertake any of the following alignments are cautioned to proceed at their own risk. Problems caused by unauthorized attempts at realignment are not covered by the warranty policy. Also, Yaesu 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 function and operation of the transceiver are clearly understood, the cause of the malfunction has been clearly pinpointed and any faulty components replaced, and the need for realignment determined to be absolutely necessary.

The following test equipment (and thorough familiarity with its correct use) is necessary for complete realignment. Correction of problems caused by misalignment resulting from unauthorized adjustments made with improper test equipment is not covered by warranty. Although most steps do not require all of the equipment listed, the interaction of some adjustments may require that more complex adjustments be performed afterwards. Do not attempt to perform only a single step unless it is clearly isolated electrically from all other steps. Rather, 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

- ❍ Digital DC Voltmeter (high-Z, 1 MΩ/V)
- ❍ DC Ammeter
- ❍ AC Voltmeter
- ❍ RF Standard Signal Generator w/ calibrated output and dB scale, 0 dBμ = 0.5 μV
- ❍ AF Signal Generator with calibrated output
- ❍ Frequency Counter
- ❍ 50- Ω Dummy Load (150 ~ 250 watts)
- ❍ 50- Ω Resistor, 1 Watt (low-power dummy load for circuit termination)
- ❍ 16.6- Ω Dummy Load (150 watts)
- ❍ In-Line Wattmeter (150 ~ 250 watts, 50-Ω)
- ❍ Linear Detector
- ❍ RF Attenuator (150 watts, 50 dB) or sampling coupler
- ❍ Spectrum Analyzer good to at least 1 GHz
- ❍ SINAD Meter

Alignment Preparation & Precautions

A 50-Ω dummy load and in-line wattmeter must be connected to the antenna jack in all procedures that call for transmission, except where specified otherwise. Correct alignment is not possible with an antenna. Except where specified otherwise, the transceiver should be tuned to 14.2000 MHz, USB mode, and these controls set as indicated:

- ❍ **AF** fully CCW
- ❍ **SQL/RF** fully CCW

The transceiver's Alignment Routine is required for some procedures. If an Alignment Routine cannot be selected, power may have to be switched off then back on to re-enable menu selection.

To begin, turn the transceiver off. Press the **A**, **B**, and **C** keys together while turning the transceiver on again, then press and hold the **FUNC** key.

In the alignment procedure, each alignment parameter is selected by rotating the main DIAL. To exit the alignment routine, press the **FUNC** key. After performing the system alignment in its entirety, individual settings can be returned to and adjusted should the need arise.

Read each step to determine if the same test equipment used in the previous step will be required. If not, remove the test equipment (except dummy load and wattmeter, if connected) before proceeding. Correct alignment requires that the ambient temperature be the same as that of the transceiver and test equipment, and that this temperature be held constant within 68 ~ 86°F (20 ~ 30°C). If the transceiver is brought into the shop from hot or cold air, it should be allowed time for thermal equalization with the environment before alignment. Alignments must only be made with oscillator shields and circuit boards firmly affixed in place. Also, the test equipment must be thoroughly warmed up before beginning.

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

Table Note: DC voltages should be within ±10 % of those listed in the voltage tables.

Alignment

Local Oscillator Adjustments

Reference Frequency Adjustment

❍ Remove the coaxial plug from J2005 and connect the frequency counter across its socket.

❍ Adjust trimmer capacitor TC2801 or X2901 (use TCXO-8) for 57.279999 MHz ± 60 Hz or 30 Hz (use TCXO-8) on the frequency counter.

❍ Disconnect the frequency counter, and replace the plug into J2005.

2nd Local Adjustment

❍ Connect the 50-Ω resistor and RF millivoltmeter to J2005.

❍ Adjust T2003 and T2004 for maximum indication on the RF millivoltmeter (at least 180 mV).

❍ Disconnect the frequency counter, and replace the plug into J2005.

3rd Local Adjustment

❍ Set the RF power to the minimum (using Menu #21), and select the CW mode. Connect the 50-Ω resistor and RF millivoltmeter to J2004.

❍ Key the transmitter, and adjust T2001 and T2002 for maximum indication on the RF millivoltmeter (at least 80 mV).

❍ Replace the RF millivoltmeter with the frequency counter, and confirm that the local frequency is 11.705 MHz (±1 kHz) on the frequency counter.

❍ Disconnect the frequency counter, and replace the plug into J2004.

PLL Adjustments

VCO VCV Adjustment

❍ Connect the DC voltmeter to TP2001, and referring to table below, tune the transceiver to each frequency listed. Then confirm that the correct voltage is present, or adjust the listed component for the required voltage.

Tune to:	Adjust/Confirm	For
449.99999 MHz	Adjust TC2005	7.4 V ±0.1 V
420.00000 MHz	Confirm	2.0 V ~ 4.8 V
381.99999 MHz	Adjust TC2006	7.4 V ±0.1 V
108.00000 MHz	Confirm	1.2 V ~ 4.0 V
245.99999 MHz	Adjust TC2004	7.4 V ±0.1 V
60.00000 MHz	Confirm	0.8 V ~ 4.0 V
197.99999 MHz	Adjust TC2003	7.4 V ±0.1 V
33.00000 MHz	Confirm	1.2 V ~ 4.0 V
170.99999 MHz	Adjust TC2002	7.4 V ±0.1 V
15.00000 MHz	Confirm	1.4 V ~ 4.2 V
14.99999 MHz	Adjust TC2001	7.4 V ±0.1 V
0.03000 MHz	Confirm	1.5 V ~ 4.0 V

1st Local Output Level

❍ With the 50-Ω resistor and RF millivoltmeter connected to the J2003, and referring to table below, tune the transceiver to each frequency listed, then confirm that the required output level is present at the listed frequency.

Tune to:	For
14.175 MHz	11 dBm ±3 dB
52.050 MHz	11 dBm ±3 dB
146.500 MHz	11 dBm ±3 dB
440.500 MHz	11 dBm ±3 dB

PA Unit Adjustments

Before beginning, remove the coaxial plugs from J3503 and J3005, and connect 50-Ω resistors across the sockets for these jacks (shunt to ground at each jack).

HF/50MHz Driver Section Idling Current

❍ Remove the coaxial plug from J3001, and connect a 50-Ω resistor across its socket. Remove the jumper connector at J3504. Connect the ammeter to J3504 (pin 1: "–" lead, pin 2: "+" lead).

❍ Tune the transceiver to the 14.2000 MHz and select the USB mode.

❍ Key the transmitter, and adjust VR3004 for a reading of 50 ~ 55 mA on the ammeter.

❍ Disconnect the ammeter, and reinstall the jumper connector at J3504.

❍ Remove the jumper connector at J3003. Connect the ammeter to J3003 (pin 1: "–" lead, pin 2: "+" lead).

❍ Key the transmitter, and adjust VR3001 for a reading of 1.1 A on the ammeter (within 60 mA).

❍ Disconnect the ammeter, and reinstall the jumper connector at J3003.

HF/50 MHz Final Idling Current Adjustment

❍ Leave the coaxial plug disconnected from J3001, and be sure that the 50-Ω resistor is connected across its socket. Connect the ammeter between the transceiver's 13.8VDC connector and the DC power supply.

❍ Tune the transceiver to the 14.2000 MHz and select USB mode.

❍ Key the transmitter, and adjust VR3002 for a reading of 1.6 A on the ammeter (within 50 mA).

❍ Adjust the VR3003 for a reading of 2.1 A (±50 mA) on the ammeter.

VHF/UHF Driver Section Idling Current

❍ Remove the coaxial plug from J3501, and connect a 50-Ω resistor across its socket. Remove the jumper connector at J3502. Connect the ammeter to J3502 (pin 1: "–" lead, pin 2: "+" lead).

❍ Tune the transceiver to the 144.5000 MHz, and select the USB mode.
❍ Key the transmitter, and adjust VR3501 for 1.5 ~ 1.6 A on the ammeter.
❍ Disconnect the ammeter, and reinstall the jumper connector at J3502.

VHF/UHF Final Idling Current Adjustment

❍ Leave the coaxial plug disconnected from J3501, and be sure that the 50-Ω resistor is connected across its socket. Connect the ammeter between the transceiver's 13.8VDC connector and the DC power supply.
❍ Tune the transceiver to 144.5000 MHz, and select the USB mode.
❍ Key the transmitter, and adjust VR3502 for 2.3 A ±0.1 A on the ammeter.
❍ Disconnect the ammeter, and reinstall the jumper connector at J3501.

TX and RX IF Adjustments

HF Band RX IF Sensitivity (Coarse Adjust)

❍ Preset "Alignment" Menu items F-03 [HF RX IF G], F-04 [50 RX IF G], F-05 [144 RX IF G], and F-06 [430 RX IF G] to "194" if they are not already set to that value.
❍ Connect the RF signal generator to the HF/50MHz antenna jack, and connect a 4-Ω speaker and AC voltmeter to the EXT SP jack.
❍ Set the transceiver to 14.10000 MHz, and select the USB mode. Inject a signal from the signal generator to 14.10000 MHz so as to get a reading on the AC voltmeter.
❍ Adjust T1023, T1025, T1027, T1028, T1030, T1032 ~ T1037, and T1039 in succession several times for maximum indication on the AC voltmeter.

1st Mixer Balance

❍ Tune the transceiver to 14.10000 MHz, but inject no signal to the antenna jack.
❍ Adjust VR1001 for minimum noise output from the speaker.

HF/50 MHz Band RX IF Sensitivity

❍ Connect the RF signal generator to the HF/50MHz antenna jack, and leave the 4-Ω speaker and AC voltmeter connected to the EXT SP jack.
❍ Inject a signal from the signal generator at 0 dBμ on 14.10000 MHz, and receive in the USB mode.
❍ Adjust T1023, T1025, T1027, T1028, T1030, T1032 ~ T1037 and T1039 in succession several times for maximum indication on the AC voltmeter.
❍ Disconnect the AC voltmeter, and connect the SINAD meter to the EXT SP jack. Select the FM mode.
❍ Inject a signal from the signal generator at 0 dBμ on 14.10000 MHz (±3.5 kHz deviation of a 1 kHz tone), and adjust T1025, T1027, and T1039 for optimum SINAD.

144/430 MHz Band RX IF Sensitivity

❍ Connect the RF signal generator to the VHF/UHF antenna jack, and connect the 4-Ω speaker and AC voltmeter to the EXT SP jack. Select the USB mode.
❍ Inject a signal from the signal generator at 0 dBμ on 145.10000 MHz, and adjust T1003, T1006, T1009, and T1012 in succession several times for maximum indication on the AC voltmeter.

144 MHz Band Front End Gain (Preset)

❍ Set "Alignment" menu item F-01 [144 RF GAIN] to "166" on the transceiver's display.

430 MHz Band Front End Gain (Preset)

❍ Set "Alignment" menu item F-02 [430 RF GAIN] to "166" on the transceiver's display.

HF Band RX IF Gain Adjustment

❍ Connect the RF signal generator to the HF/50 MHz antenna jack
❍ Set the transceiver to 14.200 MHz and select the USB mode.
❍ Inject a RF signal from the signal generator at +12.0 dBμ on 14.200 MHz.
❍ Select "Alignment" menu item F-03 [HF RX IF G] and adjust the main **DIAL** for a 1-dot S-meter deflection.

50 MHz Band RX Gain Adjustment

❍ Connect the RF signal generator to the HF/50 MHz antenna jack
❍ Set the transceiver to 52.0000 MHz, and select the USB mode.
❍ Inject an RF signal from the signal generator at +4.0 dBμ on 52.000 MHz.
❍ Select "Alignment" menu item F-04 [50 RX IF G] and adjust the main **DIAL** for a 1-dot S-meter deflection.

144 MHz Band RX Gain Adjustment

❍ Connect the RF signal generator to the VHF/UHF antenna jack.
❍ Set the transceiver to 145.000 MHz, and select USB mode.
❍ Inject an RF signal from the signal generator at +1.0 dBμ on 145.000 MHz.

Alignment

❍ Select "Alignment" menu item F-05 [144 RX IF G] and adjust the main **DIAL** for a 1-dot S-meter deflection.

430 MHz Band RX Gain Adjustment

❍ Connect the RF signal generator to the VHF/UHF antenna jack.
❍ Set the transceiver to 435.500 MHz, and select the USB mode.
❍ Inject an RF signal from the signal generator at +1.0 dBμ on 435.500 MHz.
❍ Select "Alignment" menu item F-06 [430 RX IF G] and adjust the main **DIAL** for a 1-dot S-meter deflection.

S-meter Full Scale Alignment

❍ Connect the RF signal generator to the HF/50 MHz antenna jack.
❍ Set the transceiver to 14.200 MHz, and select the USB mode.
❍ Inject an RF signal from the signal generator at +95dBμ on 14.20000 MHz.
❍ Select "Alignment" menu item F-07 [S FULL SCALE] and adjust the main **DIAL** for a S9+60dB reading on the S-meter.

Squelch Threshold Level Adjustment

❍ Select the USB mode, and inject no signal to the antenna jack. Leave the radio set to 14.200 MHz.
❍ Set the SQL control to the 11 o'clock position. Select "Alignment" menu item F-08 [SSB SQL] and adjust the main **DIAL** so that the squelch just closes.
❍ Set the SQL control to the 1 o'clock position, and select the FM mode. Select "Alignment" menu item F-10 [FM RF SQL] and adjust the main **DIAL** so that the squelch just closes.
❍ Set the SQL control to the 10 o'clock position. Select "Alignment" menu item F-09 [FM N SQL] (Noise Squelch) and adjust the main **DIAL** so that the squelch just closes.

Noise Blanker Alignment

❍ Connect the RF signal generator to the HF/50 MHz antenna jack, and connect the DC voltmeter to TP1010.
❍ Press the **NB** key to activate the Noise Blanker, then press and hold in the **NB** key for ½ second to activate Menu #60 (NB Level). Set the Noise Blanker level to maximum. Inject an RF signal from the signal generator at +20 dBμ.
❍ Adjust T1029 and T1031 for minimum indication on the DC voltmeter (the voltage will be at least 3.0 V).

TX Adjustments

HF/50 MHz band TX IF Transformers

❍ Connect the inline wattmeter and 50 Ω dummy load to the HF/50 MHz antenna jack.
❍ Use Menu #21 to set the RF power for maximum, and tune the transceiver to 14.2000 MHz. Select the CW mode.
❍ Key the transmitter, and adjust T1008, T1011, T1014, T1020, and T1022 for maximum indication on the inline wattmeter.

144/430 MHz band TX IF Transformers

❍ Connect the inline wattmeter and 50 Ω dummy load to the VHF/UHF antenna jack.
❍ Use Menu #23 to set the 144 MHz RF power for maximum, and tune the transceiver to the 145.0000 MHz. Select the CW mode.
❍ Key the transmitter, and adjust T1018, T1021, T1024, and T1026 for maximum indication on the inline wattmeter.

Trap Adjustment

❍ Remove the coaxial plug from J1012, and connect the spectrum analyzer across its socket. Tune the transceiver to 144.0000 MHz, and select the FM mode.
❍ Key the transmitter, and adjust TC1001 for minimum indication on the 137.97 MHz spurious response on the spectrum analyzer.
❍ Disconnect the spectrum analyzer, and replace the plug into J1012.

CM Coupler Balance

❍ Connect the 50-Ω dummy load to the HF/50 MHz antenna jack, and connect the DC voltmeter to L5028 lead (near TC5002 side). Set the transceiver to 52.0000 MHz, and select the FM mode. Use Menu #22 to set the 50 MHz RF power to maximum.
❍ Key the transmitter with no microphone input, and adjust TC5002 for 0 V on the DC voltmeter.
❍ Connect the 50-Ω dummy load to the VHF/UHF antenna jack, and connect the DC voltmeter to L5023 lead (near L5029 side). Set the transceiver to 145.5000 MHz, and select FM mode. Use Menu #23 to set the 144 MHz RF power to maximum.
❍ Key the transmitter with no microphone input, and adjust TC5001 for 0 V on the DC voltmeter.
❍ Connect the DC voltmeter to L5024 lead (near JP5004 side). Set the transceiver to the 439.5000 MHz, and select FM mode. Use Menu #24 to set the 430 MHz RF power to maximum.

❍ Key the transmitter with no microphone input, and adjust TC5003 for 0 V on the DC voltmeter.

HF/ 50 MHz Band Over-Current ALC Adjustment

❍ Connect the 50-Ω dummy load to the HF/50 MHz antenna jack. Set the transceiver to 50.1000 MHz, and select the CW mode. Use Menu #22 to set the 50 MHz RF power to maximum.

❍ Select "Alignment" menu item F-11 [HF IC ALC] and adjust the main **DIAL** for a 1-segment ALC meter deflection.

VHF/UHF Band Over-Current ALC Adjustment

❍ Connect the 50-Ω dummy load to the VHF/UHF antenna jack. Set the transceiver to 145.0000 MHz, and select CW mode. Use Menu #23 to set the 144 MHz RF power to maximum.

❍ Select "Alignment" menu item F-12 [V/UHF IC ALC]. Key the transmitter, and adjust the main **DIAL** for a 1-segment ALC meter deflection.

HF band Output Power Adjustment

❍ With the 50-Ω dummy load and inline wattmeter connected to the HF/50 MHz antenna jack, set the transceiver to 1.8400 MHz (for the "Belgium" version) or 14.2000 MHz (other versions), and select the CW mode. Use Menu #21 to preset the HF RF power to maximum.

❍ Select "Alignment" menu item F-15 [HF PO 100W]. Key the transmitter, and adjust the main **DIAL** for 100 W on the inline wattmeter.

❍ Select "Alignment" menu item F-14 [HF PO 50W]. Key the transmitter, and adjust the main **DIAL** for 50 W on the inline wattmeter.

❍ Select "Alignment" menu item F-13 [HF PO 10W]. Key the transmitter, and adjust the main **DIAL** for 10 W on the inline wattmeter.

50 MHz band Output Power Adjustment

❍ Leave the 50-Ω dummy load and inline wattmeter connected to the HF/50 MHz antenna jack. Set the transceiver to the 53.5000 MHz, and select the CW mode. Use Menu #22 to preset the 50 MHz RF power to maximum.

❍ Select "Alignment" menu item F-19 [50 PO 100W]. Key the transmitter, and adjust the main **DIAL** for 100 W on the inline wattmeter.

❍ Select "Alignment" menu item F-18 [50 PO 50W]. Key the transmitter, and adjust the main **DIAL** for 50 W on the inline wattmeter.

❍ Select "Alignment" menu F-17 [50 PO 10W]. Key the transmitter, and adjust the main **DIAL** for 10 W on the inline wattmeter.

144 MHz band Output Power Adjustment

❍ Connect the 50-Ω dummy load and inline wattmeter to the VHF/UHF antenna jack. Set the transceiver to 145.5000 MHz, and select the CW mode. Use Menu #23 to preset the 144 MHz RF power to maximum.

❍ Select "Alignment" menu item F-22 [144 PO 50W]. Key the transmitter, and adjust the main **DIAL** for 50 W on the inline wattmeter.

430 MHz band Output Power Adjustment

❍ Leave the 50-Ω dummy load and inline wattmeter connected to the VHF/UHF antenna jack. Set the transceiver to the 435.0000 MHz (TYP B1, B2, C1, C2) or 440.0000 MHz (TYP A1, A2, H1, H2), and select the CW mode. Use Menu #24 to preset the 430 MHz RF power to maximum.

❍ Select "Alignment" menu F-23 [430 PO 20W]. Key the transmitter, and adjust the main **DIAL** for 20 W on the inline wattmeter.

TX Gain Adjustment

❍ As you step through the procedures below, connect the 50-Ω dummy load and inline wattmeter to the HF/50 MHz or VHF/UHF antenna jack, as appropriate. Connect the AF generator to the MIC jack.

❍ Use Menu #25 to set the MIC gain for maximum. Use Menu items #21-24, as appropriate, for setting the RF power to maximum on the band (below) being adjusted.

❍ Inject a 1.5 mV (1.8 ~ 28 MHz) or 2.0 mV (50 ~ 430 MHz) audio signal at 1 kHz. Select the appropriate "Alignment" menu function in the chart below, and adjust the main **DIAL** for the corresponding power. Remember to move the dummy load and inline wattmeter to the VHF/UHF antenna jack for the last two steps.

Tune to:	**Menu #**	**For**
1.9100 MHz	F-24 [1.8 TX IF G]	75 W
3.7500 MHz	F-25 [3.5 TX IF G]	75 W
7.0500 MHz	F-26 [7 TX IF G]	75 W
10.1000 MHz	F-27 [10 TX IF G]	75 W
14.2000 MHz	F-28 [14 TX IF G]	75 W
18.1100 MHz	F-29 [18 TX IF G]	75 W
21.2500 MHz	F-30 [21 TX IF G]	75 W
24.9000 MHz	F-31 [24 TX IF G]	75 W
28.8500 MHz	F-32 [28 TX IF G]	75 W
52.0000 MHz	F-33 [50 TX IF G]	75 W
145.5000 MHz	F-35 [144 TX IF G]	40 W
435.0000 MHz 440.0000 MHz*	F-36 [430 TX IF G]	16 W

* TYP B1, B2, C1, C2

Alignment

ALC Meter Sensitivity

❍ Connect the 50-Ω dummy load and inline wattmeter to the HF/50 MHz antenna jack. Connect the AF generator to the MIC jack.

❍ Tune the transceiver to 14.2000 MHz, select the USB mode, and use Menu #21 to set the HF RF power to maximum.

❍ Inject a 3.0 mV audio tone at 1 kHz to the MIC jack. Then key the transmitter, and use Menu #25 adjust MIC gain so the ALC meter just begun to deflect.

❍ Increase the injection level to 7.5 mV. Select "Alignment" menu item F-37 [ALC METER], and adjust the main **DIAL** so that the ALC meter deflects to the top edge of the ALC meter.

PO Meter Sensitivity

❍ Connect the 50-Ω dummy load and inline wattmeter to the HF/50 MHz or VHF/UHF antenna jack, as appropriate for the steps below.

❍ Use Menu #21-24 to set the RF power for maximum on the band being adjusted, and select the CW mode. Tune the transceiver and select an "Alignment" menu item per the chart below. Remember to move the dummy load and inline wattmeter to the VHF/UHF antenna jack for the last two steps.

Tune to:	**Menu**	**For**
14.2000 MHz	F-38 [HF PO METER]	10 dots
52.0000 MHz	F-39 [50 PO METER]	10 dots
145.5000 MHz	F-40 [144 PO METER]	6 dots
435.0000 MHz	F-41 [430 PO METER]	4 dots

REV ALC Adjustment

❍ Connect the 16.6-Ω dummy load (or three 50-Ω loads in parallel) to the HF/50 MHz antenna jack.

❍ Use Menu #21 and 22 to set the RF power for maximum on the band being adjusted below, and select the CW mode. Tune the transceiver to each frequency shown in the chart below and select the corresponding "Alignment" menu item per the chart.

❍ Key the transmitter, and adjust the main **DIAL** for the level shown in each step.

Tune to:	**Menu**	**For**
1.8400 MHz	F-42 [HF REV ALC]	2 dots
	for "Belgium" version only	
14.2000 MHz	"	50 W
52.0000 MHz	F-43 [50 REV ALC]	2 dots
	for "France" version only	
		50 W

❍ Use Menu #23 and 24 to set the RF power for maximum on the band being adjusted below, and select the CW mode. Tune the transceiver to the frequency shown in the chart, and select an "Alignment" menu per the chart (with no connection to the VHF/UHF antenna jack).

❍ Key the transmitter, and adjust the main **DIAL** for the level shown in each step.

Tune to:	**Menu**	**For**
145.5000 MHz	F-45 [144 REV ALC]	4 dots
435.0000 MHz	F-46 [430 REV ALC]	3 dots

SWR Meter Adjustment

❍ Connect the 16.6-Ω dummy load (or three 50-Ω loads in parallel) to the HF/50 MHz antenna jack.

❍ Set the transceiver to 3.7500 MHz, and use Menu #21 to set the HF RF power for maximum. Select the CW mode. Select "Alignment" menu item F-47 [SWR METER].

❍ Key the transmitter, and adjust the main **DIAL** for a "3.0" indication on the transceiver's SWR meter.

CW Carrier Level Adjustment

❍ Connect the 50-Ω dummy load to the HF/50 MHz antenna jack.

❍ Set the transceiver to 1.5200 MHz and select the CW mode. Select "Alignment" menu item F-50 [CW CAR LEVEL].

❍ Key the transmitter, and adjust the main **DIAL** for a 2-dot low from the full scale indication on the ALC meter.

AM Carrier Level Adjustment

❍ Leave the 50-Ω dummy load and inline wattmeter connected to the HF/50 MHz antenna jack.

❍ Set the transceiver to 53.5000 MHz, and use Menu #22 to set the 50 MHz RF power for maximum. Use Menu #25 to set the MIC gain for *minimum*. Select the AM mode, and select "Alignment" menu item F-51 [AM CAR LEVEL].

❍ Key the transmitter, and adjust the main **DIAL** for 6-dot indication on the ALC meter.

FM Maximum Deviation

❍ With the 50 dB attenuator (or 50-Ω dummy load and sampling coupler) and linear detector connected to the HF/50 MHz antenna jack, connect the AF generator to the MIC jack.

❍ Set the VR1002 to the 3 o'clock position, and enable the CTCSS encoder at a frequency of 88.5Hz.

❍ Set the transceiver to 29.2000 MHz, and select the FM mode.

❍ Key the transmitter, and adjust T1040 for ±0.8 kHz on the deviation meter.

❍ Inject a 10 mV audio signal at 1 kHz to the MIC jack, and disable the CTCSS encoder.
❍ Key the transmitter, and adjust VR1002 for ±4.5 kHz (±0.1 kHz) on the deviation meter.
❍ Now adjust VR1003 for ±2.3 kHz (±0.1 kHz) on the deviation meter.

FM TX LO Offset Adjustment

❍ With the 50 dB attenuator (or 50-Ω dummy load and sampling coupler) and frequency counter connected to the HF/50 MHz antenna jack, connect the AF generator to the MIC jack.
❍ Set the transceiver to 29.200 MHz, and select the FM-N mode. Use Menu #26 to set the FM MIC gain to minimum. Select "Alignment" menu item F-52 [FM TX FREQ].
❍ Key the transmitter, and adjust the main **DIAL** for 29.2000 MHz (±50 Hz) on the frequency counter.

TX and RX Carrier Point Adjustment

❍ With the 50-Ω dummy load and inline wattmeter connected to the HF/50 MHz antenna jack, connect the AF generator to the MIC jack.
❍ Set the transceiver to 14.2000 MHz, and select the LSB mode. Select "Alignment" menu F-53 [TRX LSB CAR] and preset it to "0" if it is not already set to that value.
❍ Key the transmitter, and adjust the AF generator's *frequency* for maximum indication on the inline wattmeter. Then adjust the AF generator's *level* for 80 W on the inline wattmeter.
❍ Set the AF generator's frequency to 350 Hz.
❍ Key the transmitter, and adjust the main **DIAL** for 20 W (i.e. –6 dB from 80 W) on the inline wattmeter.
❍ Set the AF generator's frequency to 2.1 kHz.
❍ Key the transmitter, and confirm at least 20 W on the inline wattmeter.
❍ Leave the transceiver on 14.2000 MHz, and select the USB mode. Select "Alignment" menu item F-54 [TRX USB CAR], and preset it to "0" if it is not already set to that value.
❍ Key the transmitter, and adjust the AF generator's frequency for maximum indication on the inline wattmeter. Then adjust the AF generator's level for 80 W on the inline wattmeter.
❍ Set the AF generator's frequency to 350 Hz.
❍ Key the transmitter, and adjust the main **DIAL** for 20 W on the inline wattmeter.
❍ Set the AF generator's frequency to 2.1 kHz.
❍ Key the transmitter, and confirm at least 20 W on the inline wattmeter.

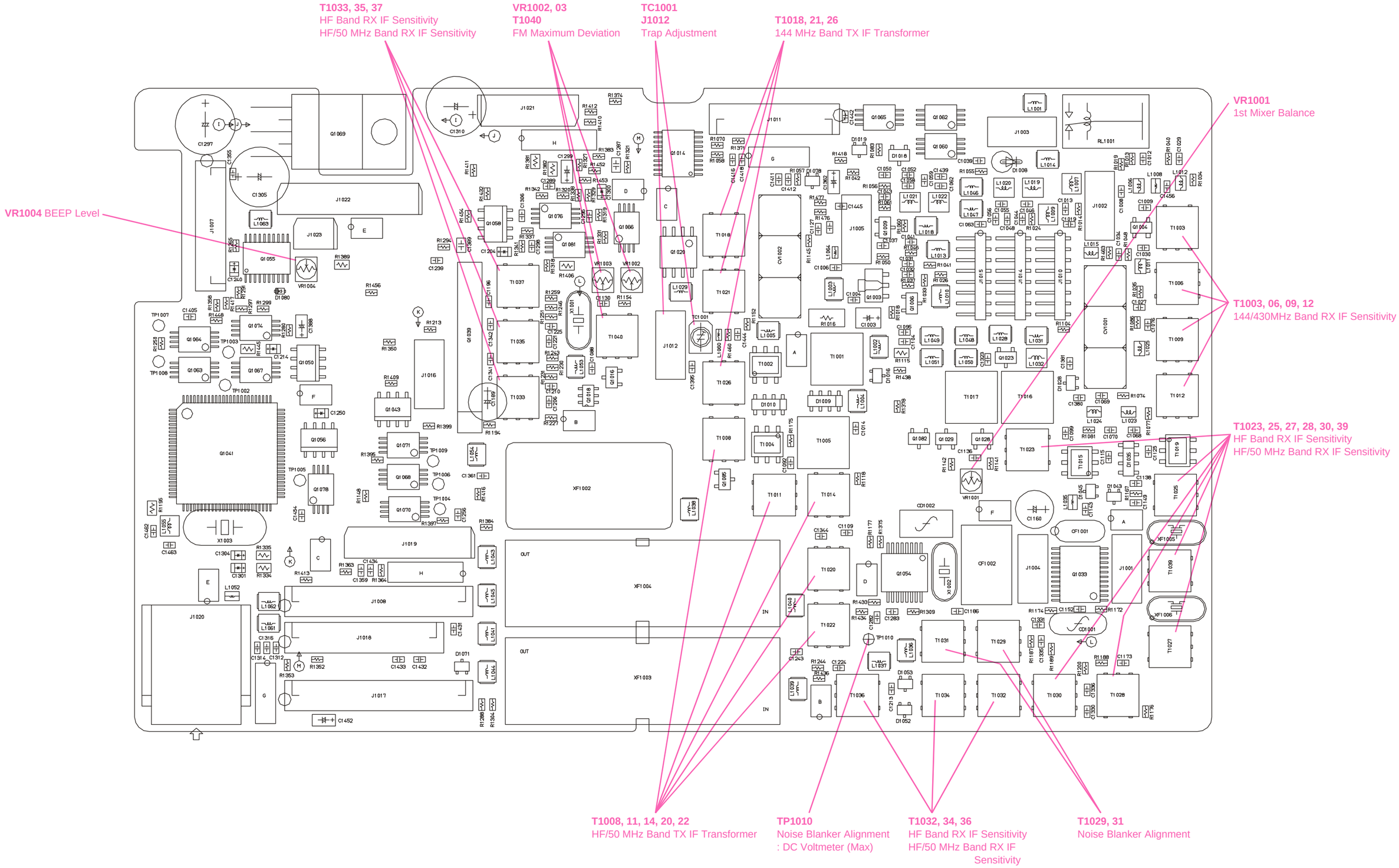
BEEP Level

❍ Set VR1004 for the position which provides the desired "Beep" level.

Alignment

Note:

MAIN-Unit Alignment Points



Alignment

Local-Unit Alignment Points

J2003
1st Local Output Level
: RF Millivoltmeter

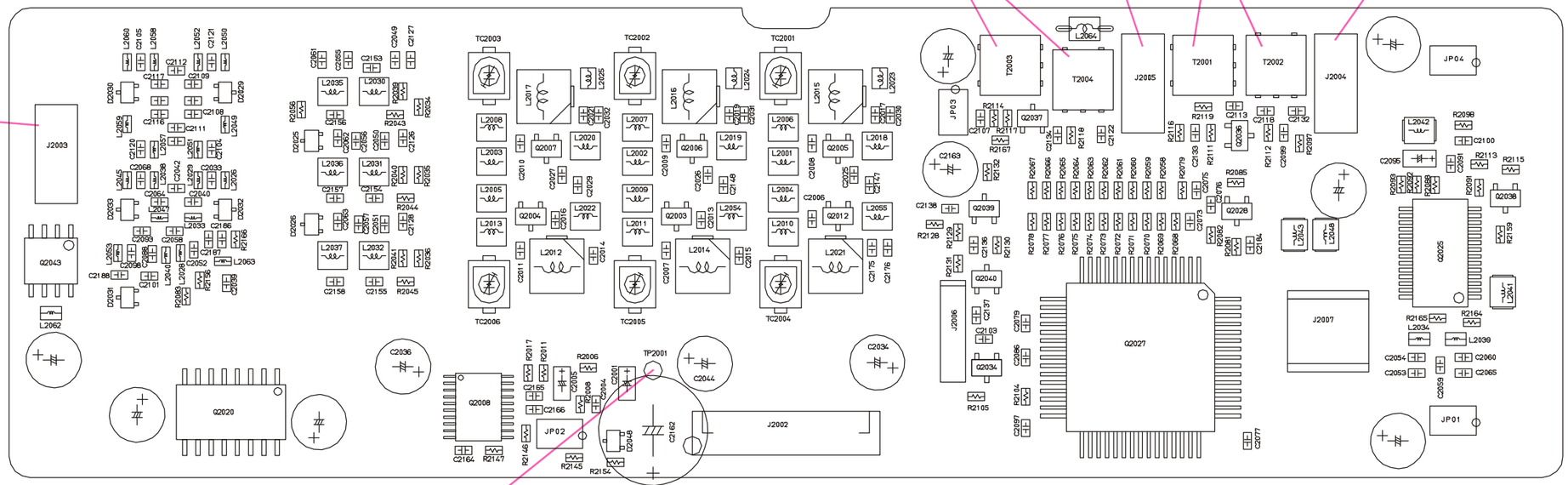
Tune to:	For
14.175 MHz	11 dBm ±3 dB
52.050 MHz	11 dBm ±3 dB
146.500 MHz	11 dBm ±3 dB
440.500 MHz	11 dBm ±3 dB

J2005
Reference Frequency Adjust
: Frequency Counter (57.279999 MHz ± 60 Hz)
2nd Local Adjust
: RF Millivoltmeter (Max)

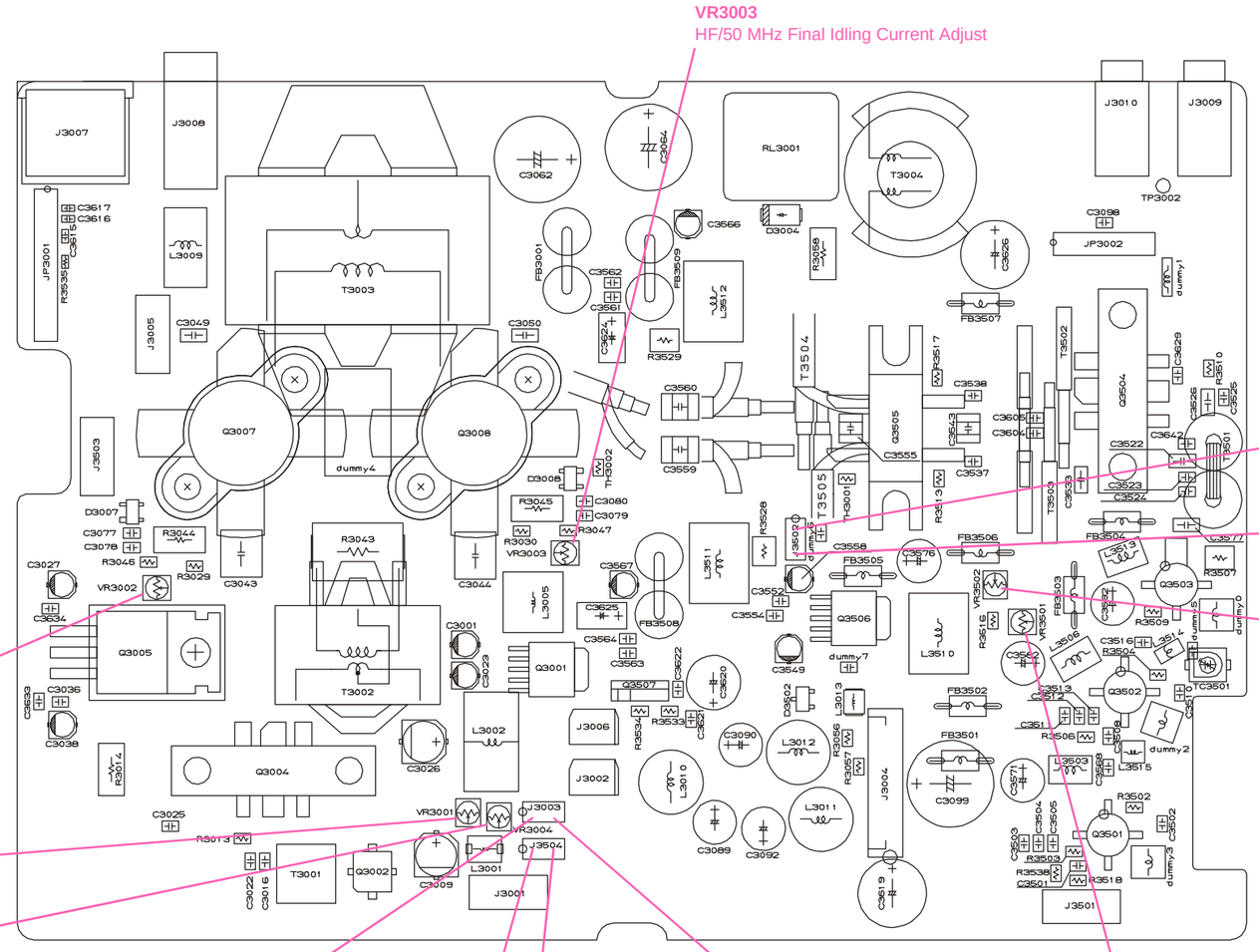
T2003, 04
2nd Local Adjust

T2001, 02
3rd Local Adjust

J2004
3rd Local Adjust
: RF Millivoltmeter (Max)



PA-Unit Alignment Points



VR3002
HF/50 MHz Final Idling Current Adjust

VR3001
HF/50 MHz Driver Section Idling Current

VR3004
HF/50 MHz Driver Section Idling Current

VR3003
HF/50 MHz Final Idling Current Adjust

J3502 Pin-1
VHF/UHF Driver Section Idling Current
: Ammeter "-" lead (1.55A ± 50mA)

J3502 Pin-2
VHF/UHF Driver Section Idling Current
: Ammeter "+" lead (1.55A ± 50mA)

VR3502
VHF/UHF Final Idling Current Adjust

VR3501
VHF/UHF Driver Section Idling Current

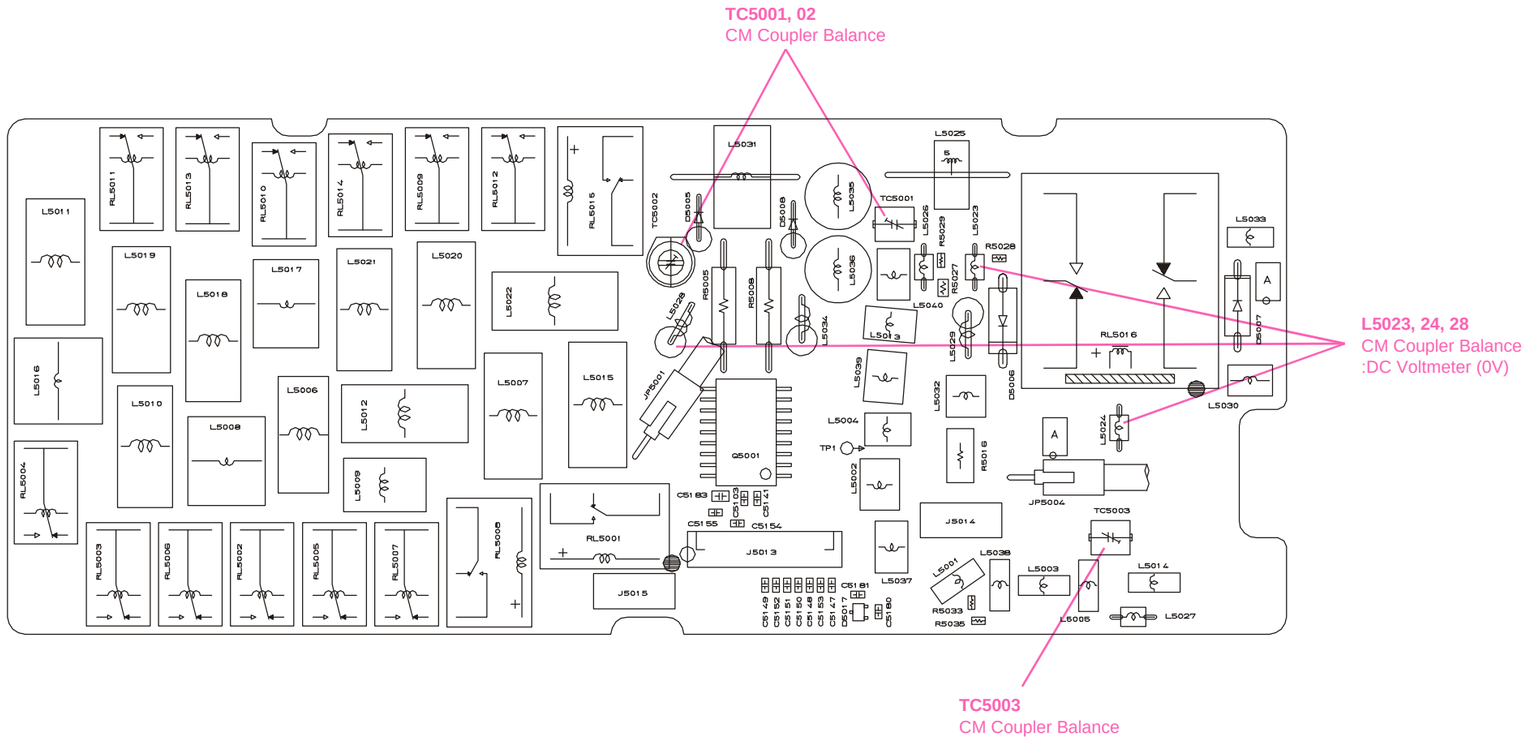
J3003 Pin-1
HF/50 MHz Driver Section Idling Current
: Ammeter "-" lead (1.1 A ± 50 mA)

J3504 Pin-1
HF/50 MHz Driver Section Idling Current
: Ammeter "-" lead (50 ~ 55 mA)

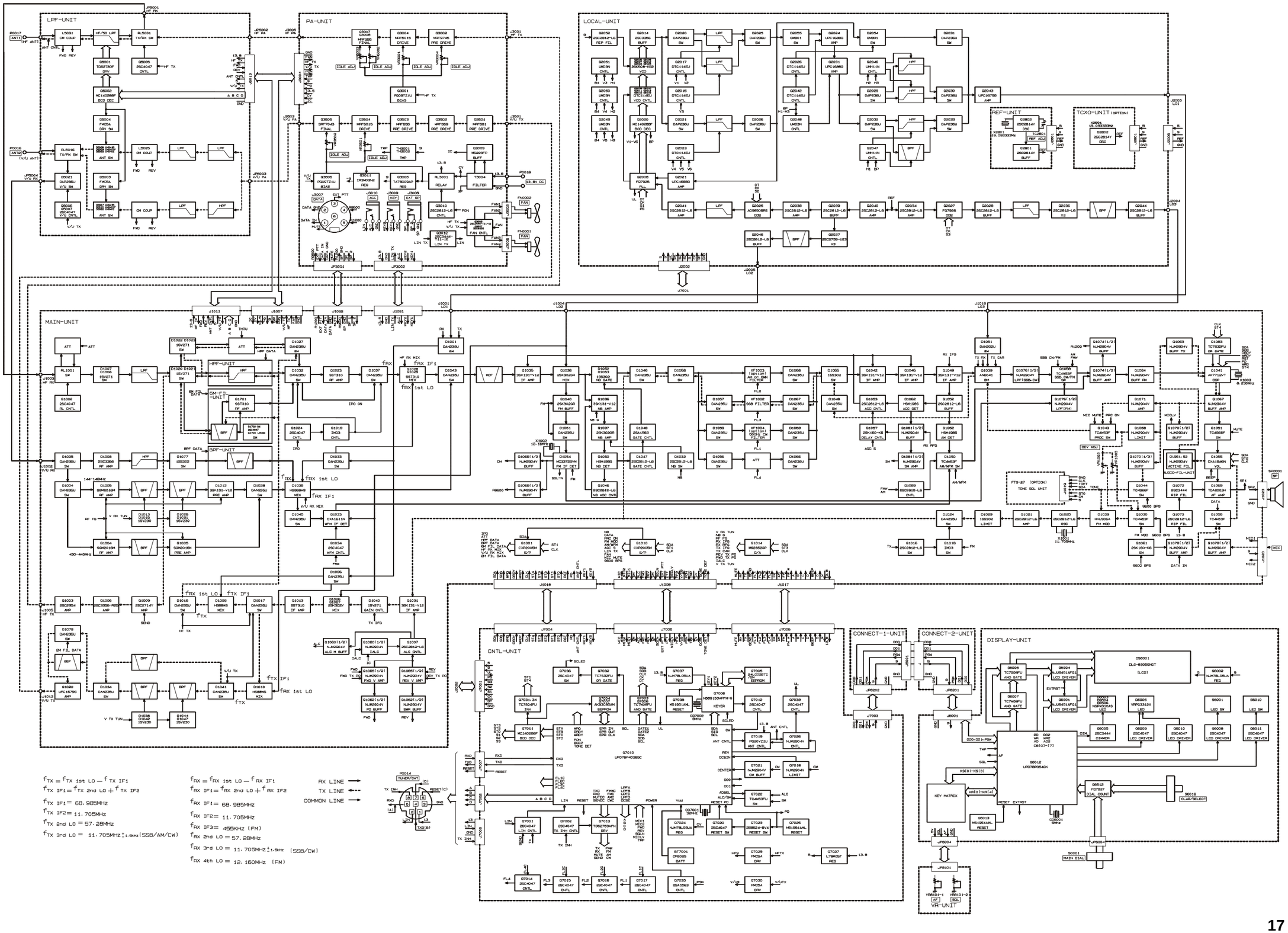
J3504 Pin-2
HF/50 MHz Driver Section Idling Current
: Ammeter "+" lead (50 ~ 55 mA)

J3003 Pin-2
HF/50 MHz Driver Section Idling Current
: Ammeter "+" lead (1.1 A ± 50 mA)

LPF-Unit Alignment Points



Block Diagram



$f_{TX} = f_{TX\ 1st\ LO} - f_{TX\ IF1}$

$f_{TX\ IF1} = f_{TX\ 2nd\ LO} + f_{TX\ IF2}$

$f_{TX\ IF1} = 68.985MHz$

$f_{TX\ IF2} = 11.705MHz$

$f_{TX\ 2nd\ LO} = 57.28MHz$

$f_{TX\ 3rd\ LO} = 11.705MHz \pm 1.5kHz$ (SSB/AM/CW)

$f_{RX} = f_{RX\ 1st\ LO} - f_{RX\ IF1}$

$f_{RX\ IF1} = f_{RX\ 2nd\ LO} + f_{RX\ IF2}$

$f_{RX\ IF1} = 68.985MHz$

$f_{RX\ IF2} = 11.705MHz$

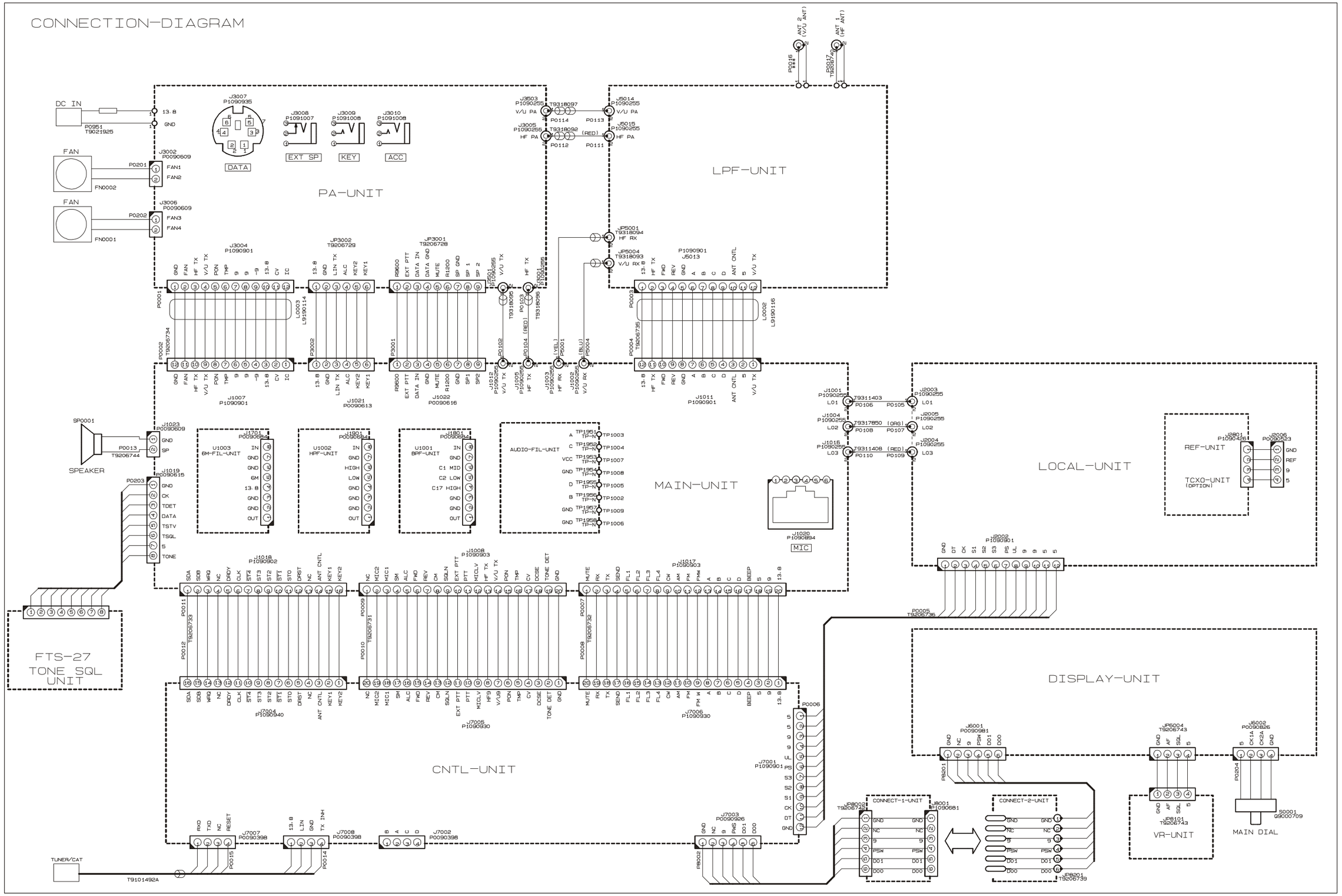
$f_{RX\ IF3} = 455KHz$ (FM)

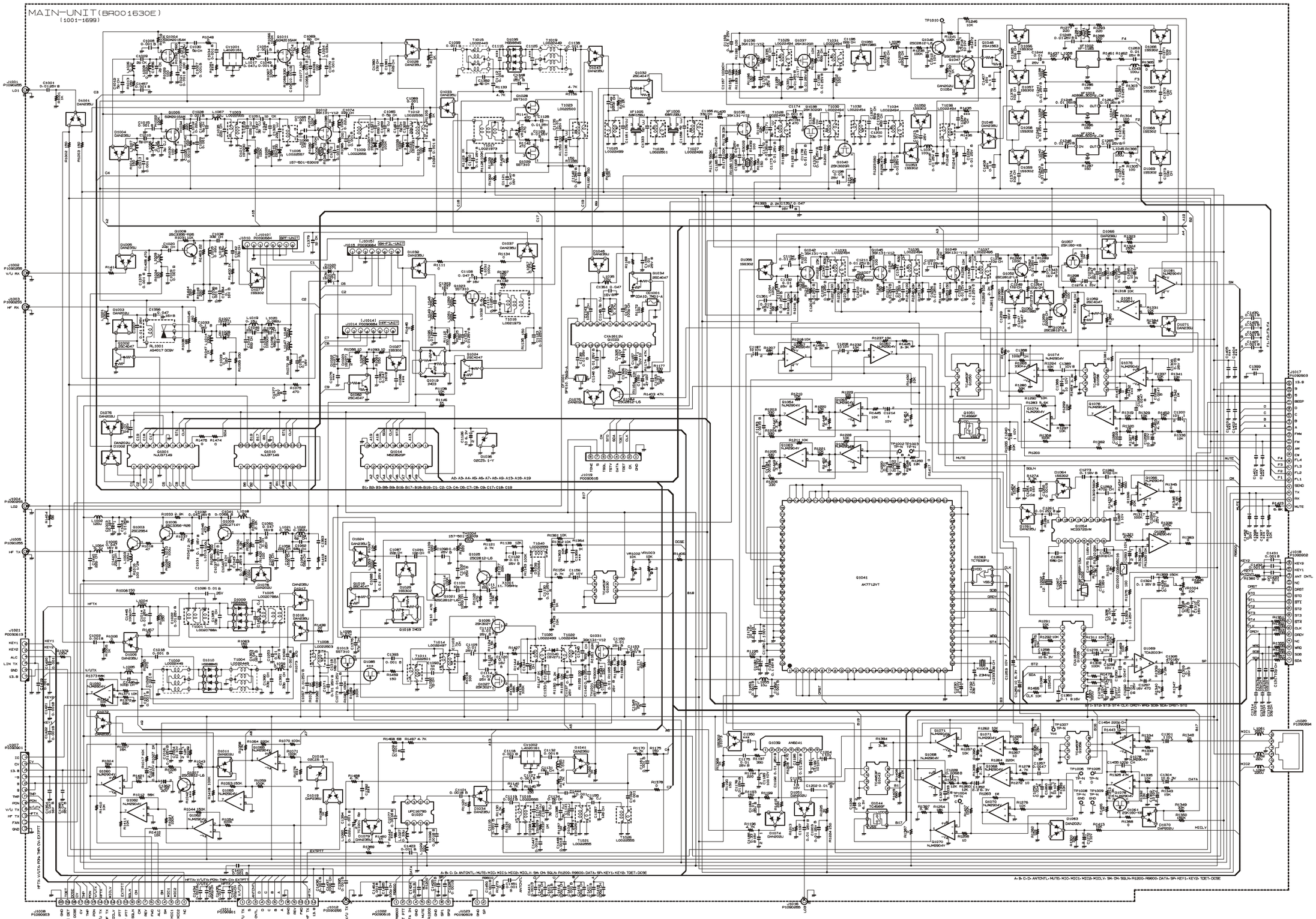
$f_{RX\ 2nd\ LO} = 57.28MHz$

$f_{RX\ 3rd\ LO} = 11.705MHz \pm 1.5kHz$ (SSB/CW)

$f_{RX\ 4th\ LO} = 12.160MHz$ (FM)

Interconnection Diagram

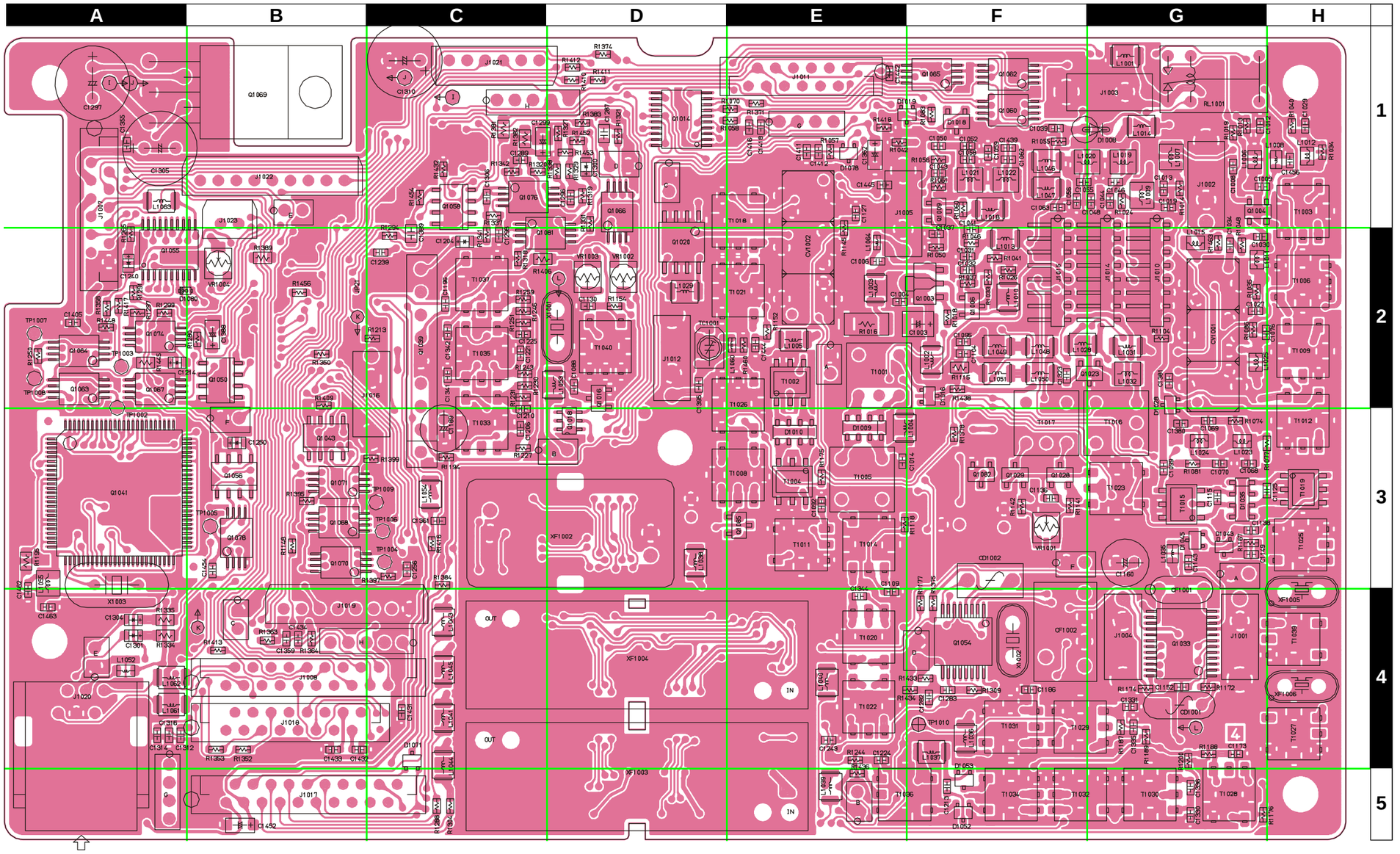



MAIN-UNIT(BR001630E)
(1001-1699)

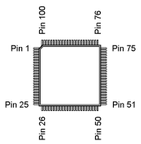
MAIN Unit (Lot. 1~4)

Note:

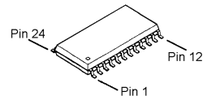
Parts Layout



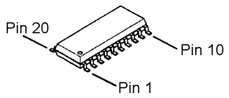
Side A



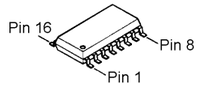
AK7712VT
(Q1041)



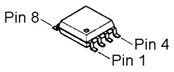
CXA1611N
(Q1033)



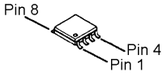
M62352GP
(Q1014)
CXA1846N
(Q1055)



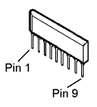
MC3372SVMEL
(Q1054)



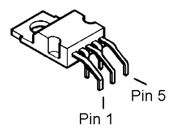
NJM2904V
(Q1060, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1070, 1071, 1074, 1076, 1078, 1081)
µPC1679G
(Q1020)



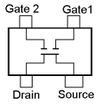
TC4W53F
(Q 1043, 1050, 1056, 1058)



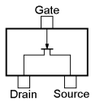
AN6041
(Q1039)



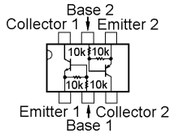
TDA2003H
(Q1069)



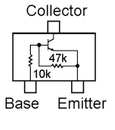
SGM2016M (M-)
(Q1004)



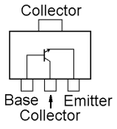
SST310 (Z0)
(Q1023, 1028, 1029)



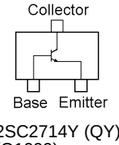
IMD3 (D3)
(Q1018)



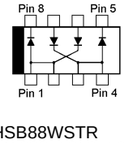
2SC4047 (ZY)
(Q1016, 1082)



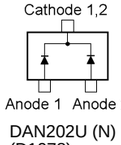
2SC2954 (QK)
(Q1003)



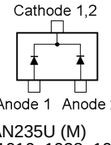
2SC2714Y (QY)
(Q1009)
2SC3356 (R25)
(Q1006)



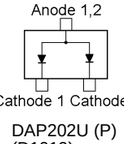
HSB88WSTR
(D1009, 1010, 1035)



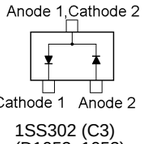
DAN202U (N)
(D1078)



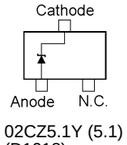
DAN235U (M)
(D1016, 1028, 1043, 1045, 1071)



DAP202U (P)
(D1019)

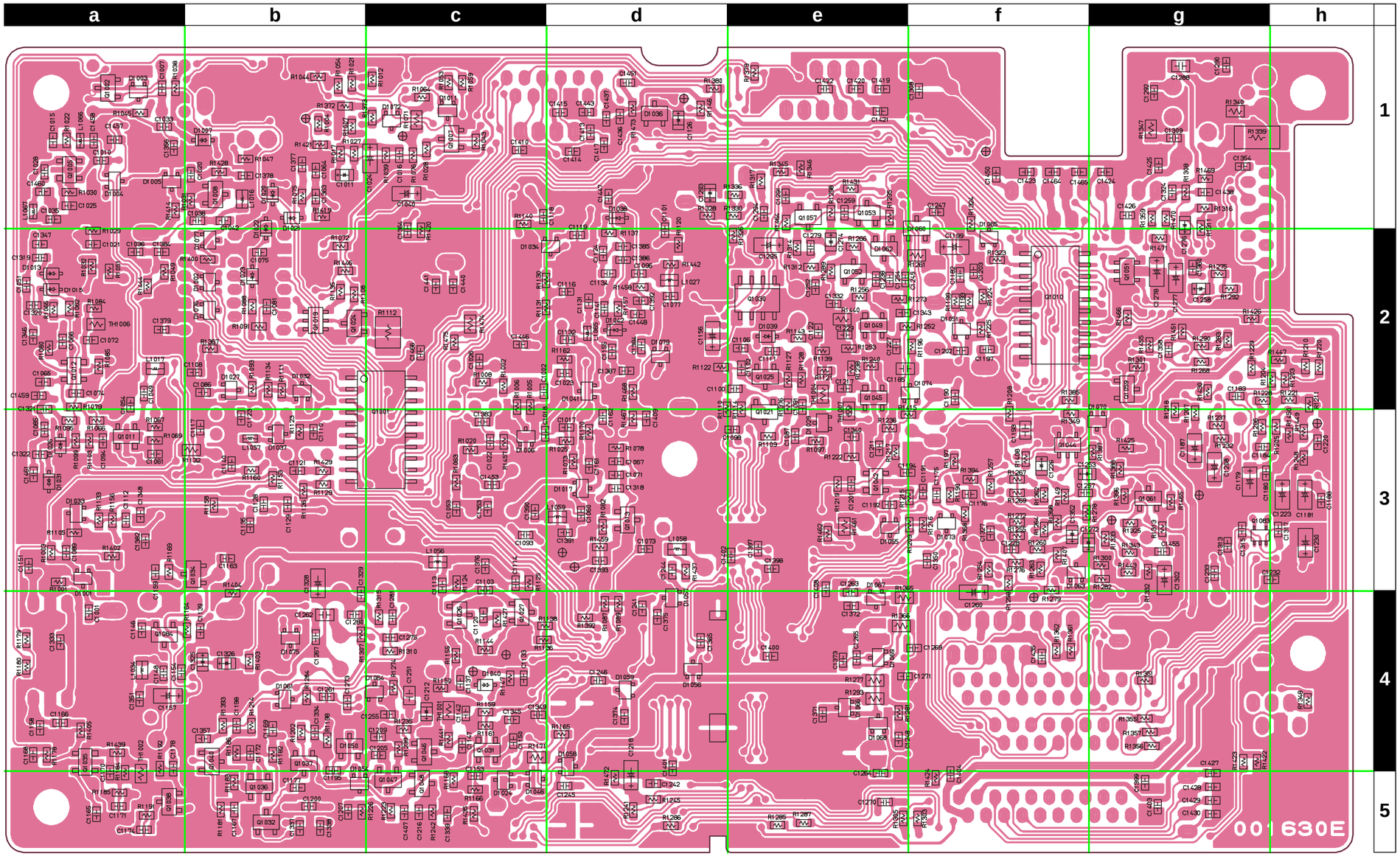


1SS302 (C3)
(D1052, 1053)

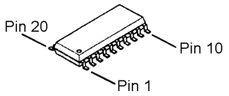


02CZ5.1Y (5.1)
(D1018)

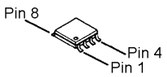
MAIN Unit (Lot. 1~4)



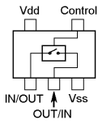
Side B



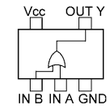
CXP2005M (Lot. 1)
NJU3714G (Lot. 2~)
(Q1001, 1010)



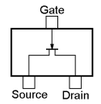
TC4W53F
(Q1030)



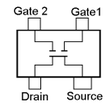
TC4S66F (C9)
(Q1044, 1051)



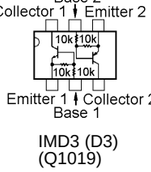
TC7S32FU (E4)
(Q1083)



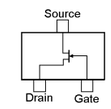
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(Q1057, 1061)
SST310 (Z0)
(Q1013)



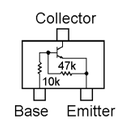
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(Q1012, 1031, 1035, 1036, 1042, 1045, 1049)
SGM2016M (M-)
(Q1005, 1011)



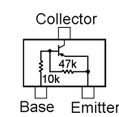
IMD3 (D3)
(Q1019)



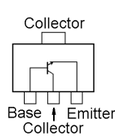
2SK302GR (TG)
(Q1037, 1038, 1040)
2SK302Y (TY)
(Q1026, 1027)



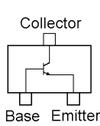
2SC4047 (ZY)
(Q1002, 1024, 1032, 1034, 1059)



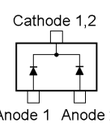
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(Q1048)



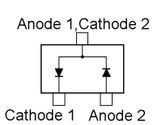
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(Q1072)



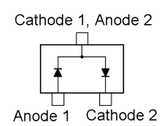
2SC2812 (L6)
(Q1007, 1021, 1025, 1046, 1047, 1052, 1053, 1073, 1084)
2SC3356 (R25)
(Q1008)



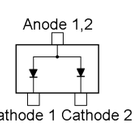
DAN202U (N)
(D1002, 1003, 1011, 1048, 1051, 1054, 1063, 1070, 1072, 1074, 1075, 1076)
DAN235U (M)
(D1001, 1004, 1005, 1006, 1017, 1024, 1032, 1033, 1034, 1037, 1041, 1046, 1061, 1079)



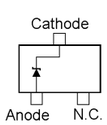
1SS302 (C3)
(D1027, 1029, 1055, 1056, 1057, 1058, 1059, 1064, 1066, 1067, 1068, 1069, 1073, 1077)



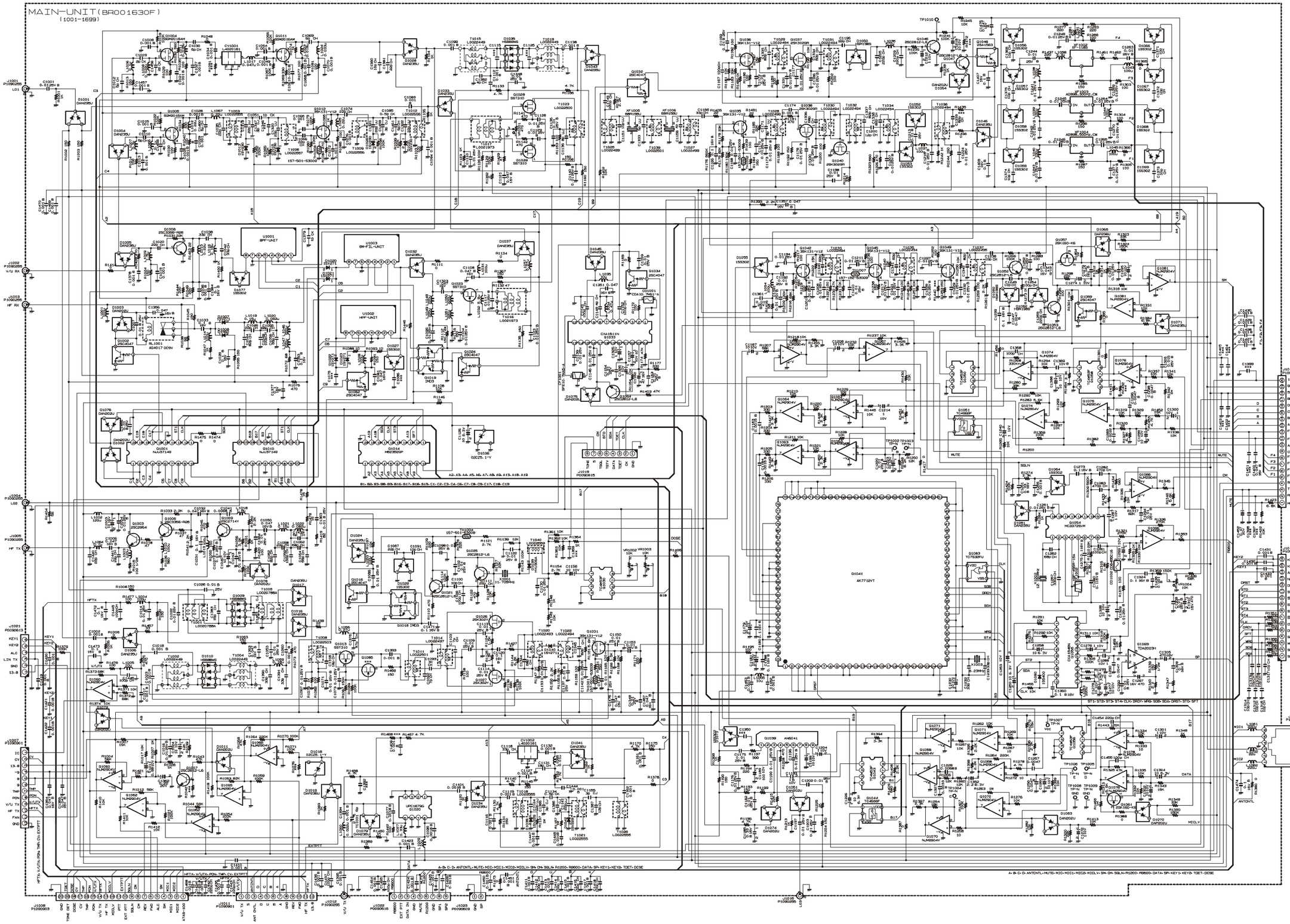
HSM198S (C6)
(D1050, 1060, 1062)



DAP202U (P)
(D1065)



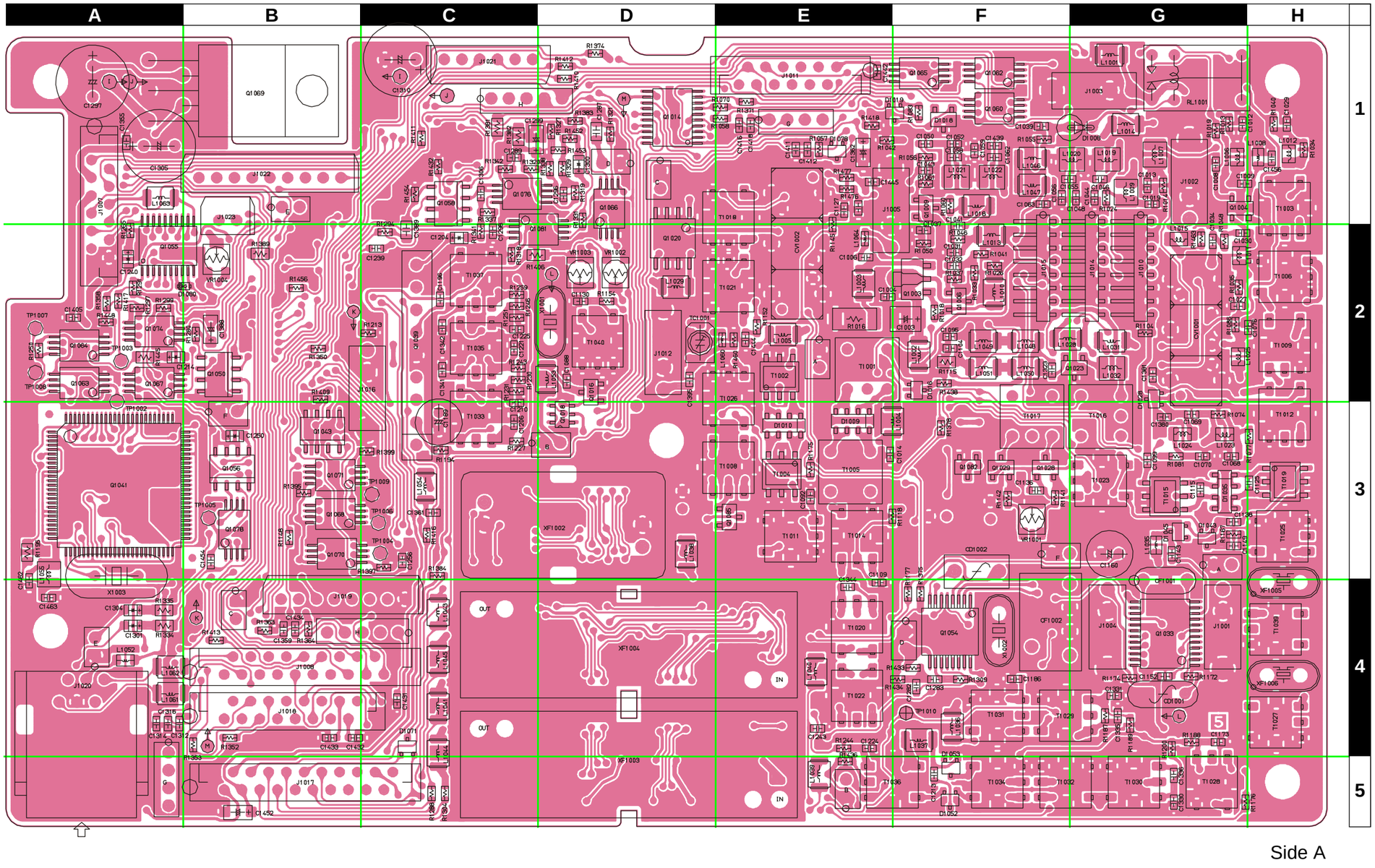
02CZ5.1Y (5.1)
(D1036)


MAIN-UNIT(BR001630F)
(1001-1699)
U1001 BPF-UNIT
U1002 HPF-UNIT
U1003 BH-FIL-UNIT
G1041 AK7712VT
G1083 TC7S30FU
G1084 NJM2904V
G1085 NJM2904V
G1086 NJM2904V
G1087 NJM2904V
G1088 NJM2904V
G1089 NJM2904V
G1070 NJM2904V
G1071 NJM2904V
G1072 NJM2904V
G1073 NJM2904V
G1074 NJM2904V
G1075 NJM2904V
G1076 NJM2904V
G1077 NJM2904V
G1078 NJM2904V
G1079 NJM2904V
G1080 NJM2904V
G1081 NJM2904V
G1082 NJM2904V
G1054 MC33726VW
G1055 TC4S66F
G1056 TC4S66F
G1057 2SK162-K6
G1058 2SK2612-L6
G1059 2SC4047
G1060 2SC4047
G1061 2SC1623-K6
G1062 2SC4047
G1063 2SC4047
G1064 2SC4047
G1065 2SC4047
G1066 2SC4047
G1067 2SC4047
G1068 2SC4047
G1069 TA2003H
G1070 UPA802U
G1071 NJM2904V
G1072 NJM2904V
G1073 NJM2904V
G1074 NJM2904V
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G1083 TC7S30FU
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G1089

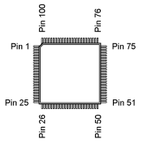
MAIN Unit (Lot. 5~)

Note:

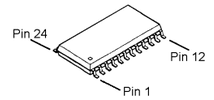
Parts Layout



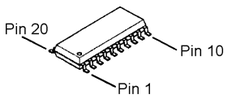
Side A



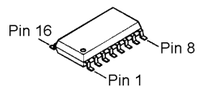
AK7712VT
(Q1041)



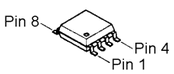
CXA1611N
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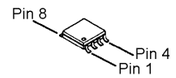
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CXA1846N
(Q1055)



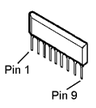
MC3372SVMEL
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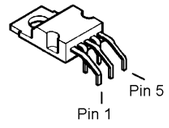
NJM2904V
(Q1060, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1070, 1071, 1074, 1076, 1078, 1081)
µPC1679G
(Q1020)



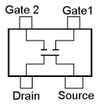
TC4W53F
(Q 1043, 1050, 1056, 1058)



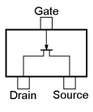
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(Q1039)



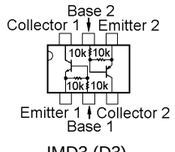
TDA2003H
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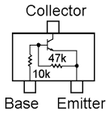
SGM2016M (M-) (Lot. 1~4)
SGM2016AM (MA) (Lot. 5~)
(Q1004)



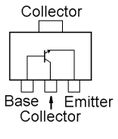
SST310 (Z0)
(Q1023, 1028, 1029)



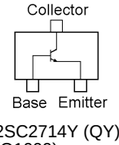
IMD3 (D3)
(Q1018)



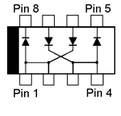
2SC4047 (ZY)
(Q1016, 1082)



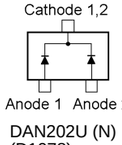
2SC2954 (QK)
(Q1003)



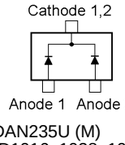
2SC2714Y (QY)
(Q1009)
2SC3356 (R25)
(Q1006)



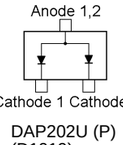
HSB88WSTR
(D1009, 1010, 1035)



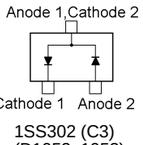
DAN202U (N)
(D1078)



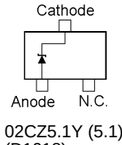
DAN235U (M)
(D1016, 1028, 1043, 1045, 1071)



DAP202U (P)
(D1019)

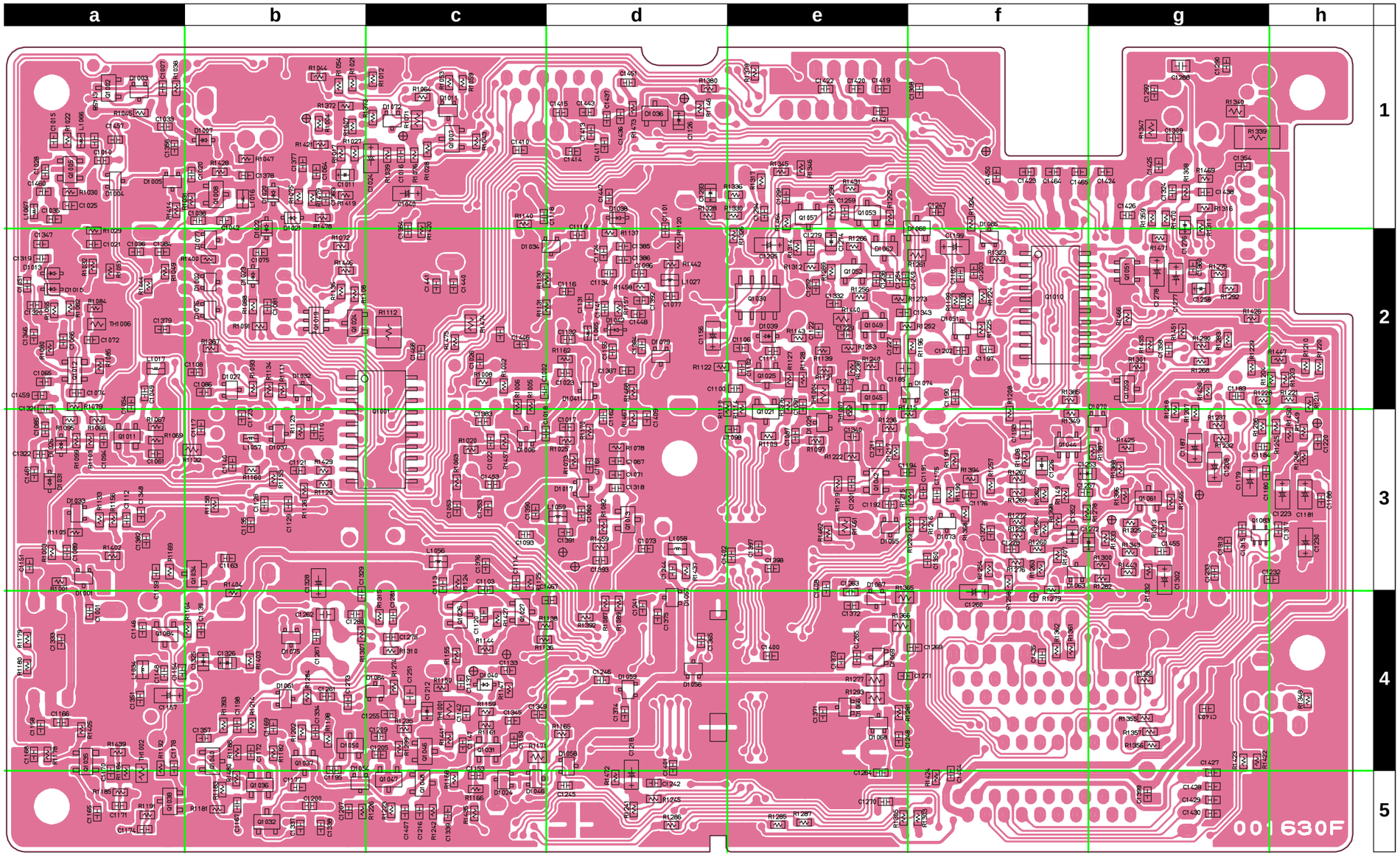


1SS302 (C3)
(D1052, 1053)

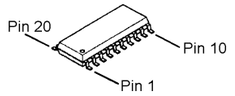


02CZ5.1Y (5.1)
(D1018)

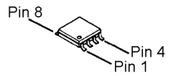
MAIN Unit (Lot. 5~)



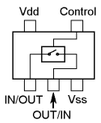
Side B



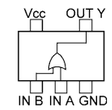
CXP2005M (Lot. 1)
NJU3714G (Lot. 2~)
(Q1001, 1010)



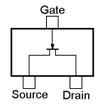
TC4W53F
(Q1030)



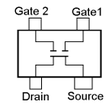
TC4S66F (C9)
(Q1044, 1051)



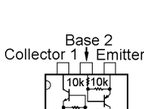
TC7S32FU (E4)
(Q1083)



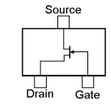
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(Q1057, 1061)
SST310 (Z0)
(Q1013)



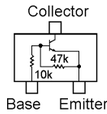
3SK131 (V12)
(Q1012, 1031, 1035, 1036, 1042, 1045, 1049)
SGM2016M (M-) (Lot. 1~4)
SGM2016AM (MA) (Lot. 5~)
(Q1005, 1011)



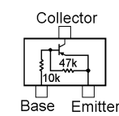
IMD3 (D3)
(Q1019)



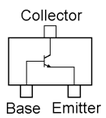
2SK302GR (TG)
(Q1037, 1038, 1040)
2SK302Y (TY)
(Q1026, 1027)



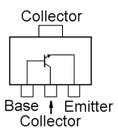
2SC4047 (ZY)
(Q1002, 1024, 1032, 1034, 1059)



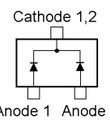
2SA1563B (RL)
(Q1048)



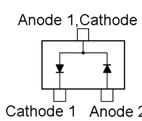
2SC2812 (L6) (Lot. 1~18)
2SC2812NL6 (Lot. 19~)
(Q1007, 1021, 1025, 1046, 1047, 1052, 1053, 1084)
2SC2812 (L6)
(Q1073)
2SC3356 (R25)
(Q1008)



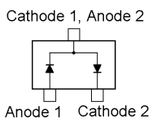
2SC3444 (DE)
(Q1072)



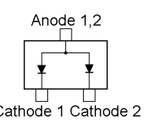
DAN202U (N)
(D1002, 1003, 1011, 1048, 1051, 1054, 1063, 1070, 1072, 1074, 1075, 1076)
DAN235U (M)
(D1001, 1004, 1005, 1006, 1017, 1024, 1032, 1033, 1034, 1037, 1041, 1046, 1061, 1079)



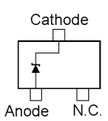
1SS302 (C3)
(D1027, 1029, 1055, 1056, 1057, 1058, 1059, 1064, 1066, 1067, 1068, 1069, 1073, 1077)



HSM198S (C6)
(D1050, 1060, 1062)



DAP202U (P)
(D1065)



02CZ5.1Y (5.1)
(D1036)

Parts List

REF.	DESCRIPTION	VALUE	V/W		MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
					*** MAIN-UNIT ***					
	PCB with Components						CP6070003			
	PCB with Components	(w/ XF-117C)					CP6070006			
	PCB with Components	(w/ XF-117C, XF-117CN)					CP6070008			
	Printed Circuit Board						FR001630E			
	Printed Circuit Board						FR001630F	5-		
C 1001	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a4
C 1002	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c2
C 1003	CHIP TA.CAP.	10uF	16V		TEMSVB21C106M-8R	K78120025		1-	A	F2
C 1004	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	E2
C 1005	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1		
C 1006	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	E2
C 1007	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a1
C 1008	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G1
C 1009	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1	A	G1
C 1009	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		2-	A	G1
C 1010	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1	B	a1
C 1010	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		2-	B	a1
C 1011	CHIP TA.CAP.	0.68uF	10V		TESVSP1A684M-8R	K78100025		1-	B	b1
C 1012	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1	A	G1
C 1012	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		2-	A	G1
C 1013	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G1
C 1014	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	E3
C 1015	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a1
C 1016	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c1
C 1017	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d3
C 1018	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c3
C 1019	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G1
C 1020	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1	B	b1
C 1020	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	b1
C 1021	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1022	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c3
C 1023	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d2
C 1024	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	c1
C 1025	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a1
C 1026	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c2
C 1027	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G2
C 1028	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1	B	a1
C 1028	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	a1
C 1029	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	H1
C 1030	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		1	A	G2
C 1030	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		2-	A	G2
C 1031	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1	A	F2
C 1031	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	A	F2
C 1032	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	F2
C 1033	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	a1
C 1034	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G2
C 1035	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1	B	a1
C 1035	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	a1
C 1036	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1037	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F2
C 1038	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		1	B	b1
C 1038	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	b1
C 1039	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	F1
C 1040	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	c1
C 1041	CHIP CAP.	0.0068uF	50V	B	GRM39B682M50PT	K22174819		1-	A	F2
C 1042	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		1	B	b1
C 1042	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	b1
C 1043	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F1
C 1044	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1	A	G1
C 1044	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		2-	A	G1
C 1046	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	A	G1
C 1046	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	A	G1
C 1048	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1	A	G1
C 1048	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	A	G1
C 1049	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1050	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	F1
C 1051	CHIP CAP.	0.5pF	50V	CK	GRM39CK0R5C50PT	K22174201		1	B	a2

MAIN Unit

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1051	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		2-	B	a2
C 1052	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		1	A	F1
C 1052	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		2-	A	F1
C 1053	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c3
C 1054	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1055	CHIP CAP.	56pF	50V	CH	GRM39CH560J50PT	K22174229		1	A	F1
C 1055	CHIP CAP.	68pF	50V	CH	GRM39CH680J50PT	K22174231		2-	A	F1
C 1056	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		1	A	F1
C 1056	CHIP CAP.	56pF	50V	CH	GRM39CH560J50PT	K22174229		2-	A	F1
C 1058	CHIP CAP.	56pF	50V	CH	GRM39CH560J50PT	K22174229		1	A	F1
C 1058	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	A	F1
C 1059	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1	A	F1
C 1059	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	A	F1
C 1060	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d3
C 1061	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a3
C 1062	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	A	F1
C 1062	CHIP CAP.	68pF	50V	CH	GRM39CH680J50PT	K22174231		2-	A	F1
C 1063	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	A	F1
C 1064	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1	B	b1
C 1064	CHIP CAP.	56pF	50V	CH	GRM39CH560J50PT	K22174229		2-	B	b1
C 1065	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1066	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1	B	a2
C 1066	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	a2
C 1067	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d3
C 1068	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G3
C 1069	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1	A	G3
C 1069	CHIP CAP.	6pF	50V	CH	GRM39CH060D50PT	K22174207		2-	A	G3
C 1070	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G3
C 1071	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d3
C 1072	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a2
C 1073	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d3
C 1074	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		1	B	a2
C 1074	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	a2
C 1076	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	H2
C 1077	CHIP CAP.	0.0018uF	50V	B	GRM39B182M50PT	K22174812		1-	B	d2
C 1079	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1		
C 1080	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1		
C 1081	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	B	b2
C 1084	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1		
C 1085	CHIP CAP.	0.5pF	50V	CK	GRM39CK0R5C50PT	K22174201		1	B	a3
C 1085	CHIP CAP.	0.5pF	50V	CK	GRM39CK0R5C50PT	K22174201		2-	B	a3
C 1087	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1	B	e3
C 1087	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	e3
C 1088	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	D2
C 1089	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a3
C 1091	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	B	e2
C 1092	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1	A	E3
C 1092	CHIP CAP.	7pF	50V	CH	GRM39CH070D50PT	K22174208		2-	A	E3
C 1093	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		1	B	c3
C 1093	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		2-	B	c3
C 1094	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a3
C 1095	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F2
C 1096	CHIP CAP.	0.0018uF	50V	B	GRM39B182M50PT	K22174812		1-	B	d2
C 1098	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e3
C 1099	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G3
C 1100	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	B	e2
C 1101	CHIP CAP.	0.0018uF	50V	B	GRM39B182M50PT	K22174812		1-	B	d2
C 1102	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1103	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	B	c4
C 1103	CHIP CAP.	7pF	50V	CH	GRM39CH070D50PT	K22174208		2-	B	c4
C 1104	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F2
C 1106	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	B	e2
C 1108	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	B	b2
C 1109	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	E4
C 1110	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1111	CHIP CAP.	180pF	50V	CH	GRM39CH181J50PT	K22174241		1	B	e2
C 1111	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	e2
C 1112	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a3

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1113	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c3
C 1114	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c3
C 1115	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1-1	A	G3
C 1115	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		3	A	G3
C 1116	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d2
C 1117	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1118	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c1
C 1118	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		4-	B	c1
C 1119	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d2
C 1120	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1	B	c4
C 1120	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	B	c4
C 1121	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1	B	b3
C 1121	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	B	b3
C 1122	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1123	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1124	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1	B	d2
C 1124	CHIP CAP.	22pF	50V	UJ	GRM39UJ220J50PT	K22174316		2-	B	d2
C 1125	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1	A	H3
C 1126	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1	B	d1
C 1126	CHIP TA.CAP.	10uF	6.3V		TESVSP0J106M-8R	K78080055		2-	B	d1
C 1127	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	E1
C 1128	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1129	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1130	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	D2
C 1131	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1	B	d2
C 1131	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		2-	B	d2
C 1132	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d2
C 1133	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c4
C 1134	CHIP CAP.	0.5pF	50V	CK	GRM39CK0R5C50PT	K22174201		1	B	d2
C 1134	CHIP CAP.	0.5pF	50V	CK	GRM39CK0R5C50PT	K22174201		2-	B	d2
C 1135	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1136	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	A	F3
C 1136	CHIP CAP.	8pF	50V	UJ	GRM39UJ080D50PT	K22174308		2-	A	F3
C 1137	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c4
C 1138	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	A	G3
C 1139	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b4
C 1140	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1141	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1	B	d2
C 1141	CHIP CAP.	22pF	50V	UJ	GRM39UJ220J50PT	K22174316		2-	B	d2
C 1142	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c4
C 1143	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	A	G3
C 1144	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1		
C 1145	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1		
C 1146	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a4
C 1147	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c4
C 1148	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1	B	a4
C 1148	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2	B	a4
C 1148	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		3-	B	a4
C 1149	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1	A	G3
C 1149	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		2-	A	G3
C 1150	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c4
C 1151	CHIP CAP.	9pF	50V	CH	GRM39CH090D50PT	K22174210		1	B	a3
C 1151	CHIP CAP.	10pF	50V	UJ	GRM39UJ100D50PT	K22174301		2-	B	a3
C 1152	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	A	G4
C 1153	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c5
C 1154	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a4
C 1155	CHIP CAP.	0.5pF	50V	CK	GRM39CK0R5C50PT	K22174201		1	B	d2
C 1155	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2-	B	d2
C 1156	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	d2
C 1157	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	a4
C 1158	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	B	a4
C 1158	CHIP CAP.	4pF	50V	UJ	GRM39UJ040C50PT	K22174304		2-	B	a4
C 1159	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a3
C 1160	AL.ELECTRO.CAP.	47uF	16V		RE2-16V470M 47UF	K40129054		1-	A	G3
C 1161	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d3
C 1162	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	d3
C 1163	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b3
C 1164	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1		

MAIN Unit

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1165	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a5
C 1165	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		4-	B	a5
C 1166	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1	B	a4
C 1166	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	a4
C 1167	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	B	b5
C 1168	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a4
C 1169	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b4
C 1170	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a5
C 1171	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	B	a5
C 1171	CHIP CAP.	8pF	50V	UJ	GRM39UJ080D50PT	K22174308		2-	B	a5
C 1172	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b4
C 1173	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	G4
C 1174	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	a5
C 1175	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f3
C 1176	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f3
C 1177	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b5
C 1178	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	a4
C 1179	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	g3
C 1180	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	g3
C 1181	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	h3
C 1182	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f2
C 1183	CHIP CAP.	0.0015uF	50V	B	GRM39B152M50PT	K22174811		1-	B	g2
C 1184	CHIP CAP.	0.0015uF	50V	B	GRM39B152M50PT	K22174811		1-	B	g3
C 1185	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1	B	e2
C 1185	CHIP CAP.	0.33uF	16V	B	GRM40B334K16PT	K22120807		2-	B	e2
C 1186	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F4
C 1187	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	g3
C 1188	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	h3
C 1189	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1	A	C3
C 1189	AL.ELECTRO.CAP.	100uF	10V		RE2-10V101M 100UF	K40109024		2-	A	C3
C 1190	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f2
C 1191	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f3
C 1192	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e3
C 1193	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	B	f3
C 1193	CHIP CAP.	1uF	10V	B	GRM40B105K10PT	K22100802		2-	B	f3
C 1194	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e3
C 1195	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1-	B	b4
C 1196	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	C2
C 1197	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f2
C 1198	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b4
C 1199	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	f2
C 1200	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1	B	b5
C 1200	CHIP CAP.	12pF	50V	CH	GRM39CH120J50PT	K22174213		2-	B	b5
C 1201	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e3
C 1202	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f2
C 1203	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f2
C 1204	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	A	C2
C 1205	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		1-	B	c4
C 1206	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	C3
C 1207	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b5
C 1208	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	g3
C 1209	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		1-	B	c4
C 1210	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	C3
C 1211	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e3
C 1212	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	c4
C 1213	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	F5
C 1214	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	A	A2
C 1215	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1		
C 1216	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	c5
C 1217	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1218	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	d5
C 1219	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1		
C 1220	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	h3
C 1221	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	C2
C 1222	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1		
C 1223	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	h3
C 1224	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	E5
C 1225	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	C2

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1226	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	B	f3
C 1226	CHIP TA.CAP.	10uF	6.3V		TESVSP0J106M-8R	K78080055		2-	B	f3
C 1227	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1228	CHIP CAP.	0.0068uF	50V	B	GRM39B682M50PT	K22174819		1-	B	f3
C 1229	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1230	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	h3
C 1231	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1		
C 1232	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1	B	h3
C 1232	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	h3
C 1232	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		34-	B	h3
C 1233	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1	B	g3
C 1233	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	g3
C 1233	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		34-	B	g3
C 1237	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1		
C 1238	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1-	B	e2
C 1239	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1	A	C2
C 1239	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	A	C2
C 1240	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	A	A2
C 1241	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d4
C 1242	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d5
C 1243	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	E4
C 1244	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d3
C 1245	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d5
C 1246	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	d4
C 1247	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		1-	B	f1
C 1248	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e4
C 1249	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1-	B	e2
C 1250	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	A	B3
C 1250	CHIP TA.CAP.	10uF	6.3V		TESVSP0J106M-8R	K78080055		2-	A	B3
C 1251	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1	B	c4
C 1251	CHIP CAP.	0.33uF	16V	B	GRM40B334K16PT	K22120807		2-	B	c4
C 1252	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1253	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	f3
C 1254	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	B	e2
C 1255	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	c4
C 1256	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		1-	A	C3
C 1257	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		1-	B	f3
C 1258	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	B	g2
C 1258	CHIP TA.CAP.	10uF	6.3V		TESVSP0J106M-8R	K78080055		2-	B	g2
C 1259	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		1-	B	e1
C 1260	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	f4
C 1261	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b4
C 1262	CHIP CAP.	68pF	50V	CH	GRM40CH680J50PT	K22170231		1-	B	b4
C 1263	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e4
C 1264	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e5
C 1265	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e4
C 1267	CHIP CAP.	330pF	50V	CH	GRM39CH331J50PT	K22174253		1-	B	b4
C 1268	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1		
C 1269	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f4
C 1270	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e5
C 1271	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e4
C 1272	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	f3
C 1273	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	b4
C 1274	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	e2
C 1275	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	c4
C 1276	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	g1
C 1277	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	g2
C 1278	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	g2
C 1279	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	B	e2
C 1280	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	b4
C 1281	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	B	c4
C 1282	CHIP CAP.	470pF	50V	CH	GRM39CH471J50PT	K22174249		1-	A	F4
C 1283	CHIP CAP.	470pF	50V	CH	GRM39CH471J50PT	K22174249		1-	A	F4
C 1287	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	A	D1
C 1287	CHIP CAP.	1uF	10V	B	GRM40B105K10PT	K22100802		2-	A	D1
C 1288	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	B	g1
C 1288	CHIP CAP.	1uF	10V	B	GRM40B105K10PT	K22100802		2-	B	g1
C 1289	CHIP CAP.	0.0022uF	50V	B	GRM39B222M50PT	K22174813		1-	A	C1

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1290	CHIP CAP.	0.0033uF	50V	B	GRM39B332M50PT	K22174815		1	B	g1
C 1290	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		2-	B	g1
C 1291	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e1
C 1292	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	g1
C 1293	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	d1
C 1294	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1	B	e1
C 1294	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	B	e1
C 1295	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	e2
C 1296	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		1-	A	D1
C 1297	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471M 470UF	K40129066		1-	A	A1
C 1298	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		1-	A	C2
C 1299	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	A	C1
C 1299	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		2-	A	C1
C 1300	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	A	D1
C 1301	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	A	A4
C 1302	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	g3
C 1303	AL.ELECTRO.CAP.	100uF	16V		SMG1CVB101M 100UF	K40129060		1		
C 1304	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1	A	A4
C 1304	CHIP TA.CAP.	10uF	6.3V		TESVSP0J106M-8R	K78080055		2-	A	A4
C 1305	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471M 470UF	K40129066		1-	A	A1
C 1306	CHIP CAP.	0.015uF	25V	B	GRM39B153K25PT	K22144805		1-	A	C1
C 1308	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	f1
C 1309	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	g1
C 1310	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471M 470UF	K40129066		1-	A	C1
C 1311	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1		
C 1312	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	A	A4
C 1313	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	B	g3
C 1314	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	A	A4
C 1315	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	B	g3
C 1316	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	A	A4
C 1317	CHIP CAP.	10pF	50V	CH	GRM39CH100C50PT	K22174248		1-	B	h3
C 1318	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	B	d3
C 1318	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		2-	B	d3
C 1319	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1	B	a2
C 1319	CHIP CAP.	22pF	50V	UJ	GRM39UJ220J50PT	K22174316		2-	B	a2
C 1320	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1	B	a2
C 1320	CHIP CAP.	22pF	50V	UJ	GRM39UJ220J50PT	K22174316		2-	B	a2
C 1321	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1	B	a3
C 1321	CHIP CAP.	22pF	50V	UJ	GRM39UJ220J50PT	K22174316		2-	B	a3
C 1322	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		1	B	a3
C 1322	CHIP CAP.	22pF	50V	UJ	GRM39UJ220J50PT	K22174316		2-	B	a3
C 1323	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	A	F2
C 1323	CHIP CAP.	0.0015uF	50V	B	GRM39B152M50PT	K22174811		6-	A	F2
C 1324	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	g1
C 1325	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	b4
C 1326	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	b4
C 1327	CHIP CAP.	0.0033uF	50V	B	GRM39B332M50PT	K22174815		1-	B	f3
C 1328	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1-	B	b3
C 1329	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	b4
C 1330	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	G5
C 1331	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	G4
C 1332	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	e2
C 1333	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		1	B	a4
C 1333	CHIP CAP.	5pF	50V	UJ	GRM39UJ050C50PT	K22174305		2-	B	a4
C 1334	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	b4
C 1335	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	A	G4
C 1336	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1	A	G5
C 1336	CHIP CAP.	68pF	50V	CH	GRM39CH680J50PT	K22174231		2-	A	G5
C 1337	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	b5
C 1338	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	b5
C 1339	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	c5
C 1340	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	e3
C 1341	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	A	C2
C 1342	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	A	C2
C 1343	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		1-	B	e2
C 1344	CHIP CAP.	68pF	50V	CH	GRM39CH680J50PT	K22174231		1-	A	E4
C 1345	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	c4
C 1346	CERAMIC CAP.	1pF	50V	CH	UP050CH010M-A-B	K28179056		1	B	a2

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1347	CERAMIC CAP.	2.2pF	50V	CH	UP050CH2R2K-A-B	K28179005		1	B	a2
C 1347	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2-	B	a2
C 1348	CERAMIC CAP.	0.01uF	16V	Y	EP050Y103N-A	K28129001		1	B	a3
C 1348	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	B	a3
C 1349	CERAMIC CAP.	0.01uF	16V	Y	EP050Y103N-A	K28129001		1	B	c4
C 1349	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2	B	c4
C 1349	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		3-	B	c4
C 1351	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	B	a4
C 1352	CHIP TA.CAP.	2.2uF	6.3V		TESVSP0J225M-8R	K78080051		2-	B	f3
C 1353	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	B	c3
C 1354	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	B	g1
C 1355	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	A	A1
C 1356	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	B	a1
C 1357	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		2-	B	b4
C 1358	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	B	g2
C 1360	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	B	g2
C 1361	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	A	C3
C 1362	CHIP TA.CAP.	0.22uF	20V		TEMSVA21D224M-8R	K78130022		2-	A	E1
C 1363	CERAMIC CAP.	0.01uF	16V	Y	EP050Y103N-A	K28129001		2-	B	b1
C 1363	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		5-	B	b1
C 1364	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	B	c2
C 1365	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	B	d4
C 1371	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	B	e4
C 1372	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	B	e4
C 1373	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	B	e4
C 1374	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	B	d4
C 1375	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	B	d4
C 1376	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		2-	B	c3
C 1377	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	B	b1
C 1378	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	b1
C 1379	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		2-	B	a2
C 1380	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		2-	A	G3
C 1381	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	A	G2
C 1382	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		2-	B	a3
C 1383	CHIP CAP.	15pF	50V	CH	GRM39CH150J50PT	K22174215		2-	B	c3
C 1384	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	B	a2
C 1385	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2-	B	d2
C 1386	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2-	B	d2
C 1387	CHIP CAP.	12pF	50V	CH	GRM39CH120J50PT	K22174213		2-	B	d2
C 1388	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		2-	A	B2
C 1389	CHIP CAP.	1uF	10V	B	GRM40B105K10PT	K22100802		2-	A	C2
C 1390	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	c3
C 1391	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		2-	B	d3
C 1393	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d3
C 1394	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d2
C 1395	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	D2
C 1400	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		3-	B	e4
C 1407	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	B	c5
C 1408	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		2-	B	e3
C 1409	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d3
C 1410	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	c1
C 1411	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	E1
C 1412	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	A	E1
C 1413	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d1
C 1414	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	B	d1
C 1415	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d1
C 1416	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	A	E1
C 1417	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d1
C 1418	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	A	E1
C 1419	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	e1
C 1420	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	e1
C 1421	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	e1
C 1422	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	e1
C 1423	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	f1
C 1424	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g1
C 1425	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g1
C 1426	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g1
C 1427	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g5

MAIN Unit

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 1428	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g5
C 1429	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g5
C 1430	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g5
C 1431	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	C4
C 1432	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	B4
C 1433	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	B4
C 1434	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	B4
C 1435	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	f4
C 1436	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d1
C 1437	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	B	d1
C 1438	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	g1
C 1439	CHIP CAP.	6pF	50V	CH	GRM39CH060D50PT	K22174207		2-	A	F1
C 1440	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	c2
C 1441	CHIP CAP.	22pF	50V	CH	GRM39CH220J50PT	K22174219		2-	B	c2
C 1442	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		2-	A	E1
C 1443	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		2-	B	d1
C 1444	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	E2
C 1445	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	A	E1
C 1446	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	B	c2
C 1447	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d1
C 1448	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d2
C 1450	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	f1
C 1451	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	d1
C 1452	CHIP TA.CAP.	0.47uF	20V		TEMSVA21D474M-8R	K78130023		2-	A	B5
C 1453	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2-	B	c3
C 1454	CHIP CAP.	220pF	50V	CH	GRM39CH221J50PT	K22174243		2-	A	B3
C 1455	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	B	g3
C 1456	CHIP CAP.	2pF	50V	CK	GRM39CK020C50PT	K22174203		2-	A	H1
C 1457	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	a1
C 1458	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		2-	B	a1
C 1459	CHIP CAP.	3pF	50V	CJ	GRM39CJ030C50PT	K22174204		2-	B	a2
C 1460	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		2-	B	a1
C 1461	CHIP CAP.	5pF	50V	CH	GRM39CH050C50PT	K22174206		2-	B	a3
C 1462	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	A4
C 1463	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	A	A4
C 1464	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		2-	B	f1
C 1465	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-	B	f1
C 1466	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	B	c2
C 1467	CERAMIC CAP.	0.047uF	50V	F	UP050F473Z-A-B	K28179002		2-	B	d4
C 1467	CHIP CAP.	0.047uF	16V	B	GRM39B473K16PT	K22124804		5-	B	d4
C 1468	CERAMIC CAP.	0.001uF	50V	B	UP050B102K-A-B	K28179001		4-		
C 1469	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		3-		
C 1470	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		3-		
C 1471	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		3-		
C 1472	CERAMIC CAP.	0.1uF	50V	F	UP050F104Z-A-B	K28179003		3-		
C 1472	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		5-		
C 1473	CERAMIC CAP.	0.1uF	50V	F	UP050F104Z-A-B	K28179003		3-		
C 1473	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		5-		
C 1474	CERAMIC CAP.	0.1uF	50V	F	UP050F104Z-A-B	K28179003		3-		
C 1474	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		5-		
C 1475	CERAMIC CAP.	0.01uF	16V	Y	EP050Y103N-A	K28129001		6-		
C 1476	CERAMIC CAP.	0.01uF	16V	Y	EP050Y103N-A	K28129001		6-		
C 1477	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		34-		
CD1001	CERAMIC DISC				CDA10.7MG1-A	H7900890		1-	A	G4
CD1002	CERAMIC DISC				CDB455C16	H7900740		1-	A	F4
CF1001	CERAMIC FILTER				SFE10.7MA5-A	H3900408		1-	A	G4
CF1002	CERAMIC FILTER				KBF-455R-15A	H3900394		1-	A	G4
CO1001	CERAMIC OSC	16MHz			CSA16.00MXZ040	H7901090		1		
CV1001	HELICAL RESONATOR	440MHz			H5T KE-07259 440M	L4020146		1-	A	G2
CV1001	HELICAL RESONATOR	440MHz			H5T-440 440M	L4020161		5-	A	G2
CV1002	HELICAL RESONATOR	440MHz			H5T KE-07259 440M	L4020146		1-	A	E2
CV1002	HELICAL RESONATOR	440MHz			H5T-440 440M	L4020161		5-	A	E2
D 1001	DIODE				DAN235U TL	G2070176		1-	B	a3
D 1002	DIODE				DAN202U T106	G2070162		1-	B	b2
D 1003	DIODE				DAN202U T106	G2070162		1-	B	a1
D 1004	DIODE				DAN235U TL	G2070176		1-	B	a1
D 1005	DIODE				DAN235U TL	G2070176		1-	B	a1
D 1006	DIODE				DAN235U TL	G2070176		1-	B	c3

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
D 1007	DIODE				1SV271 TPH3	G2070476		1-	B	b1
D 1008	DIODE				D1N60-4070	G2060013		1-	A	G1
D 1009	DIODE				HSB88WSTR	G2070290		1-	A	E3
D 1010	DIODE				HSB88WSTR	G2070290		1-	A	E3
D 1011	DIODE				DAN202U T106	G2070162		1-	B	c1
D 1013	DIODE				1SV230 TPH3	G2070126		1-	B	a2
D 1015	DIODE				1SV230 TPH3	G2070126		1-	B	a2
D 1016	DIODE				DAN235U TL	G2070176		1-	A	F2
D 1017	DIODE				DAN235U TL	G2070176		1-	B	d3
D 1018	DIODE				02CZ5.1Y TE85R	G2070062		1-	A	F1
D 1019	DIODE				DAP202U T106	G2070160		1-	A	F1
D 1020	DIODE				1SV271 TPH3	G2070476		1-	B	b1
D 1021	DIODE				1SV271 TPH3	G2070476		1-	B	b1
D 1022	DIODE				1SV271 TPH3	G2070476		1-	B	b2
D 1023	DIODE				1SV271 TPH3	G2070476		1-	B	b2
D 1024	DIODE				DAN235U TL	G2070176		1-	B	c5
D 1026	DIODE				1SV230 TPH3	G2070126		1-	B	a3
D 1027	DIODE				1SS302 TE85R	G2070088		1-	B	b2
D 1028	DIODE				DAN235U TL	G2070176		1-	A	G3
D 1029	DIODE				1SS302 TE85R	G2070088		1-	B	e3
D 1031	DIODE				1SV230 TPH3	G2070126		1-	B	a3
D 1032	DIODE				DAN235U TL	G2070176		1-	B	b2
D 1033	DIODE				DAN235U TL	G2070176		1-	B	a3
D 1034	DIODE				DAN235U TL	G2070176		1-	B	d2
D 1035	DIODE				HSB88WSTR	G2070290		1-	A	G3
D 1036	DIODE				02CZ5.1Y TE85R	G2070062		1-	B	d1
D 1037	DIODE				DAN235U TL	G2070176		1-	B	b3
D 1038	DIODE				1SV229 TPH3	G2070256		1-	B	d1
D 1039	DIODE				HVU306A5TRF	G2070132		1-	B	e2
D 1040	DIODE				1SV271 TPH3	G2070476		1-	B	c4
D 1041	DIODE				DAN235U TL	G2070176		1-	B	d2
D 1042	DIODE				1SV229 TPH3	G2070256		1-	B	d2
D 1043	DIODE				DAN235U TL	G2070176		1-	A	G3
D 1044	DIODE				1SV229 TPH3	G2070256		1		
D 1045	DIODE				DAN235U TL	G2070176		1-	A	G3
D 1046	DIODE				DAN235U TL	G2070176		1-	B	c5
D 1047	DIODE				1SV229 TPH3	G2070256		1		
D 1048	DIODE				DAN202U T106	G2070162		1		
D 1050	DIODE				HSM198S-TR	G2070570		1-	B	b4
D 1051	DIODE				DAN202U T106	G2070162		1-	B	f2
D 1052	DIODE				1SS302 TE85R	G2070088		1-	A	F5
D 1053	DIODE				1SS302 TE85R	G2070088		1-	A	F5
D 1054	DIODE				DAN202U T106	G2070162		1-	B	b5
D 1055	DIODE				1SS302 TE85R	G2070088		1-	B	e3
D 1056	DIODE				1SS302 TE85R	G2070088		1-	B	d4
D 1057	DIODE				1SS302 TE85R	G2070088		1-	B	d4
D 1058	DIODE				1SS302 TE85R	G2070088		1-	B	d4
D 1059	DIODE				1SS302 TE85R	G2070088		1-	B	d4
D 1060	DIODE				HSM198S-TR	G2070570		1-	B	f2
D 1061	DIODE				DAN235U TL	G2070176		1-	B	b4
D 1062	DIODE				HSM198S-TR	G2070570		1-	B	e2
D 1063	DIODE				DAN202U T106	G2070162		1-	B	f3
D 1064	DIODE				1SS302 TE85R	G2070088		1-	B	c4
D 1065	DIODE				DAP202U T106	G2070160		1-	B	f2
D 1066	DIODE				1SS302 TE85R	G2070088		1-	B	e4
D 1067	DIODE				1SS302 TE85R	G2070088		1-	B	e4
D 1068	DIODE				1SS302 TE85R	G2070088		1-	B	e4
D 1069	DIODE				1SS302 TE85R	G2070088		1-	B	e4
D 1070	DIODE				DAN202U T106	G2070162		1	B	g3
D 1070	DIODE				DAP202U T106	G2070160		2-	B	g3
D 1071	DIODE				DAN235U TL	G2070176		1-	A	C5
D 1072	DIODE				DAN202U T106	G2070162		1-	B	c1
D 1073	DIODE				1SS302 TE85R	G2070088		2-	B	f3
D 1074	DIODE				DAN202U T106	G2070162		2-	B	f2
D 1075	DIODE				DAN202U T106	G2070162		2-	B	b4
D 1076	DIODE				DAN202U T106	G2070162		2-	B	b2
D 1077	DIODE				1SS302 TE85R	G2070088		2-	B	b2
D 1078	DIODE				DAN202U T106	G2070162		2-	A	E1

MAIN Unit

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
D 1079	DIODE				DAN235U TL	G2070176		2-	B	d2
D 1080	DIODE				1SS400 TE61	G2070634		2-	A	B2
D 1080	DIODE				MA2S111-(TX)	G2070614		13-	A	B2
D 1081	DIODE				1SS270TJ	G2060004		41-		
J 1001	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	G4
J 1002	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	G1
J 1003	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	G1
J 1004	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	G4
J 1005	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	E2
J 1007	CONNECTOR				12FMZ-BT	P1090901		1-	A	A1
J 1008	CONNECTOR				20FMZ-BT	P1090903		1-	A	B4
J 1010	CONNECTOR				9230B-1-08Z009-T	P0090684		1	A	G2
J 1011	CONNECTOR				12FMZ-BT	P1090901		1-	A	E1
J 1012	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	D2
J 1014	CONNECTOR				9230B-1-08Z009-T	P0090684		1	A	G2
J 1015	CONNECTOR				9230B-1-08Z009-T	P0090684		1	A	F2
J 1016	CONNECTOR				TMP-J01X-A2	P1090255		1-	A	C2
J 1017	CONNECTOR				20FMZ-BT	P1090903		1-	A	B5
J 1018	CONNECTOR				16FMZ-BT	P1090902		1-	A	B4
J 1019	CONNECTOR				SB20-08WS	P0090615		1-	A	C4
J 1020	CONNECTOR				R41-4863J	P1090894		1-	A	A5
J 1020	CONNECTOR				R41-4863J	P1090894		5-	A	A5
J 1021	CONNECTOR				SB20-06WS	P0090613		1-	A	C1
J 1022	CONNECTOR				SB20-09WS	P0090616		1-	A	B1
J 1023	CONNECTOR				SB20-02WS	P0090609		1-	A	B2
JP1001	WIRE ASSY				A0898 #241897	T9206721		1-		
JP1001	WIRE ASSY				BLK 90 */*	T9318110		5-		
JP1003	WIRE ASSY				A0898 #241899	T9206723		1-		
JP1005	WIRE ASSY				A0898 #241899	T9206723		1-		
JP1007	WIRE ASSY				A0898 #241899	T9206723		1-		
JP1009	WIRE ASSY				A0898 #241899	T9206723		1-		
JP1011	WIRE ASSY				A0898 #241900	T9206724		1-		
JP1013	WIRE ASSY				A0898 #241901	T9206725		1-		
JP1015	WIRE ASSY				A0898 #241902	T9206726		1-		
JP1016	WIRE ASSY				GRN 70 2/2	T50507000		41-		
L 1001	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	G1
L 1002	M.RFC	100uH			FLC32T-101J	L1690227		1	A	F2
L 1002	M.RFC	120uH			FLC32T-121J	L1690228		2-	A	F2
L 1003	M.RFC	100uH			FLC32T-101J	L1690227		1	A	E2
L 1003	M.RFC	120uH			FLC32T-121J	L1690228		2-	A	E2
L 1004	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	F3
L 1005	M.RFC	10uH			FLC32T-100J	L1690215		1-	A	E2
L 1006	CHIP COIL	0.033uH			LQN21A33NJ04	L1690615		1	A	G1
L 1006	CHIP COIL	0.1uH			LQN21AR10J04	L1690620		2-	A	G1
L 1007	CHIP COIL	0.22uH			LQN21AR22J04	L1690600		1	A	G1
L 1007	CHIP COIL	3.3uH			C2520F-3R3K	L1690590		2-	A	G1
L 1008	M.RFC	0.068uH			HK2125 68NK-T	L1690387		1	A	H1
L 1008	M.RFC	0.022uH			HK2125 22NK-T	L1690381		2-	A	H1
L 1009	CHIP COIL	1.5uH			C2520C-1R5K	L1690729		1-	A	G1
L 1010	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	F2
L 1011	CHIP COIL	0.018uH			LQN21A18NJ04	L1690612		1-	A	G2
L 1012	CHIP COIL	0.22uH			LQN21AR22J04	L1690600		1-	A	H1
L 1013	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	F2
L 1014	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	G1
L 1015	CHIP COIL	0.22uH			LQN21AR22J04	L1690600		1-	A	G2
L 1016	M.RFC	0.0082uH			HK2125 8N2K-T	L1690376		1	B	b1
L 1016	M.RFC	0.18uH			LK2125 R18K-T	L1690310		2-	B	b1
L 1017	M.RFC	0.047uH			HK2125 47NK-T	L1690385		1-	B	a2
L 1018	M.RFC	1.8uH			FLC32T-1R8K	L1690206		1-	A	F1
L 1019	CHIP COIL	0.1uH			C2520C-R10J	L1690544		1	A	G1
L 1019	CHIP COIL	0.15uH			C2520C-R15J	L1690546		2-	A	G1
L 1020	CHIP COIL	0.082uH			C2520C-82NK	L1690543		1-	A	G1
L 1021	CHIP COIL	0.082uH			C2520C-82NK	L1690543		1	A	F1
L 1021	CHIP COIL	0.15uH			C2520C-R15J	L1690546		2-	A	F1
L 1022	CHIP COIL	0.1uH			C2520C-R10J	L1690544		1	A	F1
L 1022	CHIP COIL	0.082uH			C2520C-82NK	L1690543		2-	A	F1
L 1023	CHIP COIL	0.018uH			LQN21A18NJ04	L1690612		1-	A	G3
L 1024	CHIP COIL	0.033uH			LQN21A33NJ04	L1690615		1-	A	G3

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
L 1025	CHIP COIL	0.22uH			LQN21AR22J04	L1690600		1-	A	G2
L 1027	M.RFC	0.33uH			LK2125 R33K-T	L1690313		1-	B	d2
L 1028	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	F2
L 1029	M.RFC	10uH			FLC32T-100J	L1690215		1-	A	D2
L 1031	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	G2
L 1032	CHIP COIL	5.6uH			C2520F-5R6K	L1690593		1-	A	G2
L 1034	M.RFC	0.47uH			LK2125 R47K-T	L1690315		1-	B	a4
L 1035	M.RFC	10uH			LK2125 100K-T	L1690331		1-	A	G3
L 1036	M.RFC	470uH			FLC32T-471J	L1690235		1-	A	F4
L 1037	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	F4
L 1038	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	D3
L 1039	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	E5
L 1040	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	E4
L 1041	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	C4
L 1043	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	C4
L 1044	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	C5
L 1045	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	C4
L 1046	M.RFC	220uH			FLC32T-221J	L1690231		1-	A	F1
L 1047	M.RFC	220uH			FLC32T-221J	L1690231		1-	A	F1
L 1048	M.RFC	220uH			FLC32T-221J	L1690231		1-	A	F2
L 1048	M.RFC	6.8uH			FLC32T-6R8K	L1690213		6-	A	F2
L 1049	M.RFC	220uH			FLC32T-221J	L1690231		1-	A	F2
L 1050	M.RFC	220uH			FLC32T-221J	L1690231		1-	A	F2
L 1050	M.RFC	6.8uH			FLC32T-6R8K	L1690213		6-	A	F2
L 1051	M.RFC	220uH			FLC32T-221J	L1690231		1-	A	F2
L 1052	M.RFC	22uH			LK2125 220M-T	L1690335		1-	A	A4
L 1053	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	D2
L 1054	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	C3
L 1055	CHIP COIL	10uH			C2520F-100K	L1690596		2-	A	A4
L 1056	M.RFC	0.27uH			LK2125 R27K-T	L1690312		2-	B	c3
L 1057	M.RFC	0.27uH			LK1608 R27K-T	L1690411		2-	B	b3
L 1058	M.RFC	3.3uH			LK2125 3R3K-T	L1690325		2-	B	d3
L 1059	M.RFC	0.18uH			LK2125 R18K-T	L1690310		2-	B	d3
L 1060	M.RFC	0.022uH			ELJ-RE22NJF2	L1690718		2-	A	E2
L 1061	M.RFC	220uH			FLC32T-221J	L1690231		2-	A	A4
L 1062	M.RFC	220uH			FLC32T-221J	L1690231		2-	A	A4
L 1063	M.RFC	220uH			FLC32T-221J	L1690231		2-	A	A1
L 1064	M.RFC	0.1uH			LK1608 R10K-T	L1690407		2-	A	E2
L 1065	M.RFC	0.01uH			HK1608 10NJ-T	L1690516		2-	B	d2
L 1066	M.RFC	0.1uH			LK1608 R10K-T	L1690407		2-	B	a1
L 1067	M.RFC	0.22uH			LK1608 R22K-T	L1690410		2-	B	a1
Q 1001	IC				CXP2005M-T6	G1091846		1	B	c3
Q 1001	IC				NJU3714G-TE1	G1092768		2-	B	c3
Q 1002	TRANSISTOR				2SC4047-TA	G3340477		1-	B	a1
Q 1003	TRANSISTOR				2SC2954-T2	G3329547		1-	A	F2
Q 1004	FET				SGM2016M-T7	G4070005		1-	A	G1
Q 1004	FET				SGM2016AM-T7	G4070012		5-	A	G1
Q 1005	FET				SGM2016M-T7	G4070005		1-	B	a1
Q 1005	FET				SGM2016AM-T7	G4070012		5-	B	a1
Q 1006	TRANSISTOR				2SC3356-T2B R25	G3333567E		1-	A	F2
Q 1007	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	c1
Q 1007	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	c1
Q 1008	TRANSISTOR				2SC3356-T2B R25	G3333567E		1-	B	b1
Q 1009	TRANSISTOR				2SC2714YTE85R	G3327147Y		1-	A	F1
Q 1010	IC				CXP2005M-T6	G1091846		1	B	f2
Q 1010	IC				NJU3714G-TE1	G1092768		2-	B	f2
Q 1011	FET				SGM2016M-T7	G4070005		1-	B	a3
Q 1011	FET				SGM2016AM-T7	G4070012		5-	B	a3
Q 1012	FET				3SK131-T2B V12	G4801317B		1-	B	a2
Q 1013	FET				SST310-T1	G4070009		1-	B	d3
Q 1014	IC				M62352GP-70EC	G1092689		1-	A	D1
Q 1016	TRANSISTOR				2SC4047-TA	G3340477		1-	A	D3
Q 1018	TRANSISTOR				IMD3 T108	G3070053		1-	A	D3
Q 1019	TRANSISTOR				IMD3 T108	G3070053		1-	B	b2
Q 1020	IC				UPC1679G-E(TAPING)	G1092714		1-	A	D2
Q 1021	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	e3
Q 1021	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	e3
Q 1023	FET				SST310-T1	G4070009		1-	A	G2

MAIN Unit

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
Q 1024	TRANSISTOR				2SC4047-TA	G3340477		1-	B	b2
Q 1025	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	e2
Q 1025	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	e2
Q 1026	FET				2SK302Y TE85R	G3803027Y		1-	B	c4
Q 1027	FET				2SK302Y TE85R	G3803027Y		1-	B	c4
Q 1028	FET				SST310-T1	G4070009		1-	A	F3
Q 1029	FET				SST310-T1	G4070009		1-	A	F3
Q 1030	IC				TC4W53F TE12L	G1091340		1-	B	e2
Q 1031	FET				3SK131-T2B V12	G4801317B		1-	B	c4
Q 1032	TRANSISTOR				2SC4047-TA	G3340477		1-	B	b5
Q 1033	IC				CXA1611N-T4	G1092695		1-	A	G4
Q 1034	TRANSISTOR				2SC4047-TA	G3340477		1-	B	b3
Q 1035	FET				3SK131-T2B V12	G4801317B		1-	B	a4
Q 1036	FET				3SK131-T2B V12	G4801317B		1-	B	b5
Q 1037	FET				2SK302GR TE85R	G3803027G		1-	B	b4
Q 1038	FET				2SK302GR TE85R	G3803027G		1-	B	a5
Q 1039	IC				AN6041-(NT)	G1092691		1-	A	C3
Q 1040	FET				2SK302GR TE85R	G3803027G		1-	B	b4
Q 1041	IC				AK7712VT	G1092699		1-	A	A3
Q 1042	FET				3SK131-T2B V12	G4801317B		1-	B	e3
Q 1043	IC				TC4W53F TE12L	G1091340		1-	A	B3
Q 1044	IC				TC4S66F TE85R	G1090893		1-	B	f3
Q 1045	FET				3SK131-T2B V12	G4801317B		1-	B	e2
Q 1046	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	c4
Q 1046	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	c4
Q 1047	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	c5
Q 1047	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	c5
Q 1048	TRANSISTOR				2SA1563-TB	G3115638		1-	B	c5
Q 1049	FET				3SK131-T2B V12	G4801317B		1-	B	e2
Q 1050	IC				TC4W53F TE12L	G1091340		1-	A	B2
Q 1051	IC				TC4S66F TE85R	G1090893		1-	B	g2
Q 1052	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	e2
Q 1052	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	e2
Q 1053	TRANSISTOR				2SC2812L6-TA	G3328127F		1-	B	e1
Q 1053	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	e1
Q 1054	IC				MC3372SVMEL	G1091654		1-	A	F4
Q 1055	IC				CXA1846N-T4	G1092690		1-	A	A2
Q 1056	IC				TC4W53F TE12L	G1091340		1-	A	B3
Q 1057	FET				2SK160-T2B K6	G3801607F		1-	B	e1
Q 1058	IC				TC4W53F TE12L	G1091340		1-	A	C1
Q 1059	TRANSISTOR				2SC4047-TA	G3340477		1-	B	g2
Q 1060	IC				NJM2904V-TE1	G1091677		1-	A	F1
Q 1061	FET				2SK160-T2B K6	G3801607F		1-	B	g3
Q 1062	IC				NJM2904V-TE1	G1091677		1-	A	F1
Q 1063	IC				NJM2904V-TE1	G1091677		1-	A	A2
Q 1064	IC				NJM2904V-TE1	G1091677		1-	A	A2
Q 1065	IC				NJM2904V-TE1	G1091677		1-	A	F1
Q 1066	IC				NJM2904V-TE1	G1091677		1-	A	D1
Q 1067	IC				NJM2904V-TE1	G1091677		1-	A	A2
Q 1068	IC				NJM2904V-TE1	G1091677		1-	A	B3
Q 1069	IC				TDA2003H	G1090815		1-	A	B1
Q 1070	IC				NJM2904V-TE1	G1091677		1-	A	B3
Q 1071	IC				NJM2904V-TE1	G1091677		1-	A	B3
Q 1072	TRANSISTOR				2SC3444-T11-1E	G3334448E		1		
Q 1073	TRANSISTOR				2SC2812L6-TA	G3328127F		1		
Q 1074	IC				NJM2904V-TE1	G1091677		1-	A	A2
Q 1076	IC				NJM2904V-TE1	G1091677		1-	A	C1
Q 1078	IC				NJM2904V-TE1	G1091677		1-	A	B3
Q 1081	IC				NJM2904V-TE1	G1091677		1-	A	D2
Q 1081	IC				NJM2904V-TE1	G1091677		5-	A	D2
Q 1082	TRANSISTOR				2SC4047-TA	G3340477		1-	A	F3
Q 1083	IC				TC7S32FU TE85R	G1091529		2-	B	g3
Q 1084	TRANSISTOR				2SC2812L6-TA	G3328127F		2-	B	a4
Q 1084	TRANSISTOR				2SC2812NL6-TB	G3328128F		19-	B	a4
R 1001	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a3
R 1002	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	c2
R 1003	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	a3
R 1004	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	b1

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1004	CHIP RES.	56k	1/16W	5%	RMC1/16 563JATP	J24185563		2-	B	b1
R 1005	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c2
R 1006	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1	B	c2
R 1006	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	c2
R 1007	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	b1
R 1008	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	c2
R 1009	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1		
R 1010	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1		
R 1011	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1		
R 1012	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	c1
R 1012	CHIP RES.	56k	1/16W	5%	RMC1/16 563JATP	J24185563		2-	B	c1
R 1013	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	G1
R 1014	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	G1
R 1015	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1		
R 1016	CHIP RES.	100	1/2W	5%	RMC1/2 101JCTP	J24275101		1-	A	E2
R 1017	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b1
R 1018	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F2
R 1019	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G1
R 1020	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	c3
R 1021	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	b1
R 1022	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a1
R 1023	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1		
R 1024	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	G1
R 1025	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1	B	d3
R 1025	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		2-	B	d3
R 1026	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	A	F2
R 1027	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	b1
R 1028	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1	B	c1
R 1028	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	B	c1
R 1029	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a2
R 1030	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a1
R 1031	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	b1
R 1031	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		2-	B	b1
R 1032	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	B	a2
R 1033	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F2
R 1034	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1	A	H1
R 1034	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		2-	A	H1
R 1035	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 1037	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F2
R 1038	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	B	a1
R 1039	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	B	c1
R 1040	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H1
R 1041	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F2
R 1042	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	E1
R 1043	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	B	c1
R 1044	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	b1
R 1044	CHIP RES.	56k	1/16W	5%	RMC1/16 563JATP	J24185563		2-	B	b1
R 1045	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	a1
R 1046	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F2
R 1047	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	b1
R 1048	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1	A	G2
R 1048	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	A	G2
R 1049	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	a2
R 1049	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		2-	B	a2
R 1050	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	F2
R 1051	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	a2
R 1052	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1		
R 1053	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	B	c1
R 1053	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		4-	B	c1
R 1054	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	b1
R 1055	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	F1
R 1056	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1	A	F1
R 1056	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		2-	A	F1
R 1057	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1	A	E1
R 1057	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	A	E1
R 1058	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-2	A	E1
R 1058	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		3-	A	E1
R 1059	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-2	B	c1

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1059	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		3-	B	c1
R 1060	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F1
R 1061	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F1
R 1062	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a2
R 1063	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	c3
R 1064	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	c1
R 1064	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		2-	B	c1
R 1065	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a2
R 1066	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a3
R 1067	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a3
R 1069	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	a3
R 1069	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		2-	B	a3
R 1070	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1	A	E1
R 1070	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	A	E1
R 1071	CHIP RES.	100k	1/10W	5%	RMC1/10T 104J	J24205104		1-	B	c1
R 1072	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	B	b2
R 1073	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1	B	d3
R 1073	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		2-	B	d3
R 1074	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1	A	G3
R 1074	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	G3
R 1075	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	B	b1
R 1075	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		2-	B	b1
R 1076	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1	B	c1
R 1077	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H3
R 1078	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	d3
R 1079	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a2
R 1080	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a2
R 1081	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G3
R 1082	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	d3
R 1083	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1	A	F1
R 1083	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	F1
R 1084	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	a2
R 1084	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		2-	B	a2
R 1085	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1	B	a2
R 1085	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	B	a2
R 1086	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 1087	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	B	d4
R 1088	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1	B	b2
R 1088	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		2-	B	b2
R 1089	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1	B	d4
R 1089	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	d4
R 1091	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1	B	b2
R 1091	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	b2
R 1092	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1		
R 1093	CHIP RES.	39	1/16W	5%	RMC1/16 390JATP	J24185390		1	B	b2
R 1093	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		2-	B	b2
R 1095	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a3
R 1097	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e3
R 1099	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a3
R 1103	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	a3
R 1104	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G2
R 1105	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	a3
R 1108	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b2
R 1109	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	e3
R 1110	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1	B	d3
R 1110	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		2-	B	d3
R 1111	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	b2
R 1112	CHIP RES.	150	1/4W	5%	RMC1/4 151JATP	J24245151		1-	B	c2
R 1114	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1	B	e3
R 1114	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	e3
R 1115	CHIP RES.	150	1/10W	5%	RMC1/10T 151J	J24205151		1-	A	F2
R 1118	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F3
R 1120	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	d2
R 1121	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1	B	e2
R 1121	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		2-	B	e2
R 1122	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	d2
R 1123	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	b3
R 1124	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1	B	c3

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1124	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		2-	B	c3
R 1125	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1	B	c3
R 1125	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		2-	B	c3
R 1126	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	b3
R 1127	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1	B	e2
R 1127	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		2-	B	e2
R 1128	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1129	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	B	b3
R 1130	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c2
R 1131	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	c2
R 1132	CHIP RES.	47	1/10W	5%	RMC1/10T 470J	J24205470		1-	B	b3
R 1133	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a3
R 1134	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	b2
R 1135	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	b2
R 1136	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		1	B	c4
R 1136	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		2-	B	c4
R 1137	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	d2
R 1138	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	c4
R 1139	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1	B	e2
R 1139	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		2-	B	e2
R 1140	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	c1
R 1141	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F3
R 1142	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	F3
R 1143	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1144	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1	B	c4
R 1144	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		2-3	B	c4
R 1144	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		4-	B	c4
R 1145	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	E2
R 1146	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	d1
R 1147	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c4
R 1148	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	B3
R 1148	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	B3
R 1149	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f3
R 1150	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	c4
R 1150	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		2-	B	c4
R 1151	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1		
R 1152	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	A	E2
R 1152	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		2-	A	E2
R 1153	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b3
R 1154	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	D2
R 1154	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		2-	A	D2
R 1155	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	B	c4
R 1155	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		2-	B	c4
R 1156	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	a3
R 1157	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	d2
R 1158	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	b3
R 1159	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	c4
R 1160	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	b3
R 1161	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1	B	c4
R 1161	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		2-	B	c4
R 1162	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	d2
R 1163	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1		
R 1164	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	b4
R 1164	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	b4
R 1165	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	d4
R 1166	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1	B	c5
R 1166	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		2-	B	c5
R 1167	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	G3
R 1168	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	c5
R 1169	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	a3
R 1169	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	a3
R 1170	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	d3
R 1171	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	B	c4
R 1171	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		2-	B	c4
R 1172	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G4
R 1173	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1		
R 1174	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1	A	G4
R 1174	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		2-	A	G4

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1175	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	E3
R 1176	CHIP RES.	560k	1/16W	5%	RMC1/16 564JATP	J24185564		1-	A	G5
R 1177	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	F4
R 1178	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	B	a4
R 1179	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	a4
R 1179	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		4-	B	a4
R 1180	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	B	a4
R 1181	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b5
R 1182	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b4
R 1183	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		1-	B	b5
R 1184	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	a5
R 1185	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	a5
R 1186	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	B	b4
R 1186	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2-	B	b4
R 1187	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	G4
R 1188	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G4
R 1189	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G4
R 1190	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	f3
R 1191	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	a5
R 1192	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	a4
R 1193	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	f2
R 1194	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	A	C3
R 1194	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		2-	A	C3
R 1195	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	A3
R 1196	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	f2
R 1196	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		2-	B	f2
R 1197	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1	B	f3
R 1197	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		2-	B	f3
R 1198	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	b4
R 1199	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f2
R 1200	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G5
R 1201	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1202	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	b4
R 1203	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	h2
R 1204	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	h2
R 1205	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	h3
R 1206	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	g3
R 1207	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	g3
R 1207	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		2-	B	g3
R 1208	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	f3
R 1209	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	e3
R 1209	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		2-	B	e3
R 1210	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	h2
R 1211	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	h2
R 1212	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1213	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	C2
R 1214	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	b4
R 1215	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	B	e3
R 1216	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1	B	f3
R 1216	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		2-	B	f3
R 1216	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		4-	B	f3
R 1217	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e3
R 1218	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g3
R 1219	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e3
R 1220	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	h2
R 1221	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	h2
R 1222	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	e3
R 1223	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	B	c5
R 1224	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	f2
R 1225	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f2
R 1226	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	b5
R 1227	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 1228	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1229	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1230	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1	A	C2
R 1230	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		2-	A	C2
R 1230	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		4-	A	C2
R 1231	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1232	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g3
R 1233	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1234	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1235	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	c4
R 1235	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	c4
R 1236	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e3
R 1237	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g3
R 1238	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	e2
R 1239	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1	B	c4
R 1239	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	B	c4
R 1240	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	B	e2
R 1241	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	d5
R 1242	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	c5
R 1243	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 1244	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	E5
R 1245	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	d5
R 1246	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	C2
R 1247	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1248	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	h3
R 1248	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		2-	B	h3
R 1249	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1250	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	A2
R 1250	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		2-	A	A2
R 1251	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 1252	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e2
R 1253	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	e2
R 1254	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	f3
R 1254	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		2-	B	f3
R 1255	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	B	f3
R 1256	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e2
R 1257	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f3
R 1258	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	f3
R 1259	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C2
R 1260	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	B	f3
R 1261	CHIP RES.	2.2k	1/10W	5%	RMC1/10T 222J	J24205222		1-	B	f2
R 1262	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	f3
R 1262	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	f3
R 1263	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	f3
R 1263	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		2-	B	f3
R 1264	CHIP RES.	3.3M	1/16W	5%	RMC1/16 335JATP	J24185335		1	B	f3
R 1264	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		2-	B	f3
R 1265	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1266	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	B	e2
R 1267	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	f3
R 1268	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1	B	g2
R 1268	CHIP RES.	330k	1/16W	5%	RMC1/16 334JATP	J24185334		2-	B	g2
R 1269	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f3
R 1270	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1		
R 1271	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1		
R 1272	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	f3
R 1273	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	e2
R 1274	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1	B	c4
R 1274	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	c4
R 1275	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1276	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f3
R 1277	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	e4
R 1278	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	B	f3
R 1279	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1	B	f4
R 1279	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		2-	B	f4
R 1280	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	B2
R 1280	CHIP RES.	39k	1/16W	5%	RMC1/16 393JATP	J24185393		2-	A	B2
R 1281	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	B	e4
R 1282	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g3
R 1283	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1	B	g2
R 1283	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		2-	B	g2
R 1284	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	b4
R 1285	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	e5
R 1285	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	e5

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1286	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	d5
R 1286	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	d5
R 1287	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1	B	e5
R 1287	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	e5
R 1288	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C5
R 1289	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e2
R 1290	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1291	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1292	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1293	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	B	e4
R 1294	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 1295	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e1
R 1297	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1298	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	e1
R 1299	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A2
R 1300	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1	B	g3
R 1300	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		2-	B	g3
R 1301	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g2
R 1302	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1		
R 1303	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	f5
R 1304	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C5
R 1305	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	e5
R 1306	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1		
R 1307	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	b4
R 1308	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	g1
R 1308	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	g1
R 1309	CHIP RES.	560k	1/16W	5%	RMC1/16 564JATP	J24185564		1-	A	F4
R 1310	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	B	c4
R 1311	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g1
R 1312	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	B	e2
R 1313	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	g3
R 1313	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	g3
R 1313	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		5-	B	g3
R 1314	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	e2
R 1315	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	B	c4
R 1316	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	g1
R 1316	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	g1
R 1317	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1	B	e1
R 1317	CHIP RES.	82k	1/16W	5%	RMC1/16 823JATP	J24185823		2-	B	e1
R 1318	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 1319	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1320	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	C1
R 1320	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		2-	A	C1
R 1321	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	D1
R 1321	CHIP RES.	270k	1/16W	5%	RMC1/16 274JATP	J24185274		2-	A	D1
R 1322	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1		
R 1323	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1	B	f2
R 1323	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		2-	B	f2
R 1324	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	B	f1
R 1325	CHIP RES.	220k	1/16W	5%	RMC1/16 224JATP	J24185224		1	B	g3
R 1325	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		2-	B	g3
R 1326	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	e2
R 1326	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	e2
R 1327	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	D1
R 1327	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		2-	A	D1
R 1328	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	d1
R 1329	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1330	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	e1
R 1331	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D2
R 1332	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	g3
R 1333	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	B	g3
R 1334	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	A4
R 1334	CHIP RES.	10k	1/10W	5%	RMC1/10T 103J	J24205103		2-	A	A4
R 1335	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	A4
R 1335	CHIP RES.	10k	1/10W	5%	RMC1/10T 103J	J24205103		2-	A	A4
R 1336	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1	B	e1
R 1336	CHIP RES.	270k	1/16W	5%	RMC1/16 274JATP	J24185274		2-	B	e1
R 1337	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1338	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	D1
R 1338	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		2-	A	D1
R 1339	CHIP RES.	220	1/2W	5%	RMC1/2 221JCTP	J24275221		1	B	g1
R 1339	CHIP RES.	150	1/2W	5%	RMC1/2 151JCTP	J24275151		2-	B	g1
R 1340	CHIP RES.	2.2	1/10W	5%	RMC1/10T 2R2J	J24205229		1-	B	g1
R 1341	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C2
R 1342	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	A	C1
R 1342	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		2-	A	C1
R 1343	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1	B	g3
R 1343	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		2-	B	g3
R 1344	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1		
R 1345	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1	B	e1
R 1345	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	e1
R 1346	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	B	e1
R 1347	CHIP RES.	1	1/10W	5%	RMC1/10T 1R0J	J24205010		1-	B	g1
R 1348	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	h4
R 1349	CHIP RES.	100k	1/10W	5%	RMC1/10T 104J	J24205104		1	B	f3
R 1349	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		2-	B	f3
R 1350	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	B2
R 1351	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	g4
R 1352	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	B4
R 1353	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	B4
R 1354	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1		
R 1355	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	g4
R 1356	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	g4
R 1357	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	B	g4
R 1358	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	A2
R 1359	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	g1
R 1359	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		2-	B	g1
R 1361	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	f4
R 1362	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	f4
R 1363	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B4
R 1364	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B4
R 1365	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	B	e4
R 1366	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	B	e4
R 1367	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	b2
R 1368	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	f3
R 1371	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E1
R 1372	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	b1
R 1372	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		2-	B	b1
R 1373	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	c1
R 1373	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		2-	B	c1
R 1374	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 1375	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F4
R 1376	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	B	e2
R 1377	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1		
R 1378	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	F3
R 1379	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1	B	e1
R 1379	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	e1
R 1380	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d1
R 1381	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	C1
R 1382	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	C1
R 1383	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1	A	D1
R 1383	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	D1
R 1384	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1	A	C4
R 1384	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		2-	A	C4
R 1385	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	f2
R 1386	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1		
R 1387	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	g3
R 1388	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	g3
R 1389	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	B2
R 1390	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1		
R 1391	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1		
R 1392	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	B	d4
R 1393	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1	B	b4
R 1393	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		2-	B	b4
R 1394	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	B	f3
R 1395	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1	A	B3

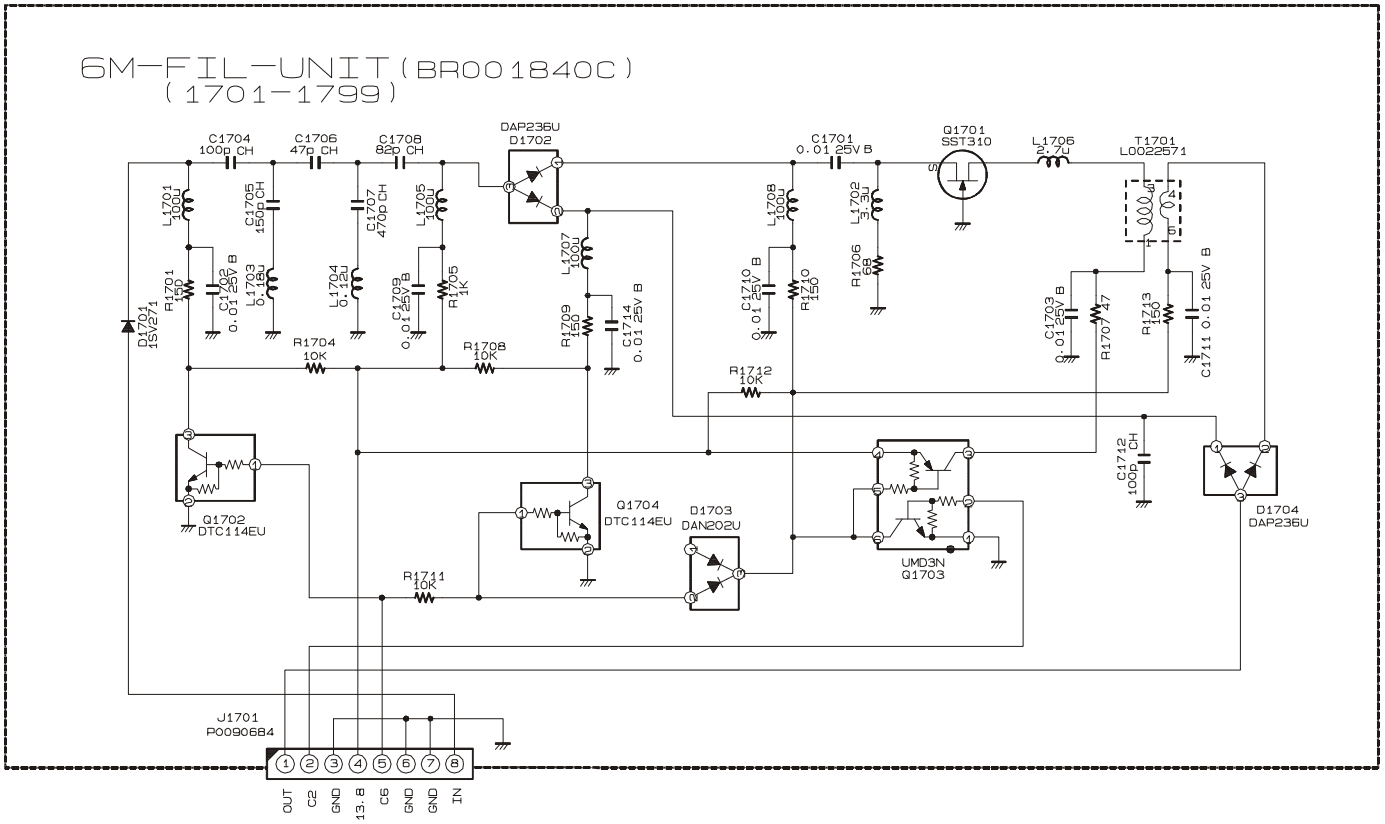
REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1395	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		2-	A	B3
R 1396	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1	B	g3
R 1396	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		2-	B	g3
R 1397	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C3
R 1398	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1	B	f3
R 1398	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		2-	B	f3
R 1399	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 1400	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	B	b2
R 1402	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	a3
R 1403	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		2-	B	b4
R 1404	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		2-	B	b4
R 1405	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		2-	B	a4
R 1406	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		2-	A	C2
R 1407	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	f3
R 1408	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		2-	B	f3
R 1409	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		2-	A	B3
R 1410	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	A	D1
R 1411	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	A	C1
R 1412	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	A	D1
R 1413	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	A	B4
R 1414	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	a1
R 1415	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		2-	B	e3
R 1416	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		2-	A	C3
R 1417	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	A	A2
R 1418	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	A	E1
R 1419	CARBON FILM RES.	82	1/6W	5%	RD16TPJ820 82	J07225820		2-	B	b1
R 1419	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		5-	B	b1
R 1420	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2-	B	c2
R 1421	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	b1
R 1422	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	g4
R 1423	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		2-	B	g4
R 1424	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	f5
R 1425	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	g3
R 1426	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		2-	B	g2
R 1427	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		2-	B	c4
R 1428	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		2-	B	b1
R 1429	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		2-	B	b3
R 1430	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	g2
R 1431	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	e1
R 1433	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		2-	A	F4
R 1434	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		2-	A	F4
R 1436	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	A	E5
R 1437	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		2-	B	d3
R 1438	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		2-	A	F2
R 1439	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2-	B	a4
R 1441	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	c4
R 1442	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		3-	B	d2
R 1443	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		2-	B	g3
R 1444	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		2-	B	a2
R 1445	CHIP RES.	10k	1/10W	5%	RMC1/10T 103J	J24205103		2-	A	A2
R 1446	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	b2
R 1447	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	h2
R 1448	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	A	A2
R 1449	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	h3
R 1450	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	h3
R 1451	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	g2
R 1452	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		2-	A	D1
R 1453	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		2-	A	D1
R 1454	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	A	C1
R 1455	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	g2
R 1456	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	A	B2
R 1457	CHIP RES.	33	1/16W	5%	RMC1/16 330JATP	J24185330		2-	B	c3
R 1458	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		2-	B	d2
R 1459	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	d3
R 1460	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	E2
R 1461	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		2-	B	e3
R 1462	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	e3
R 1463	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		2-	A	G2

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 1464	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		2-	B	e1
R 1465	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		2-	B	g3
R 1466	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	g2
R 1467	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		2-	B	d3
R 1468	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		2	B	d2
R 1469	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	g1
R 1470	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	B	g1
R 1471	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	B	g2
R 1473	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	d1
R 1474	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		2-	B	c2
R 1475	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	c2
R 1476	CARBON FILM RES.	100	1/6W	5%	RD16PJ101 100	J01225101		2-	A	E1
R 1476	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		5-	A	E1
R 1477	CARBON FILM RES.	100	1/6W	5%	RD16PJ101 100	J01225101		2-	A	E1
R 1477	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		5-	A	E1
R 1478	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		2-	B	b1
R 1479	CHIP RES.	15	1/16W	5%	RMC1/16 150JATP	J24185150		2-	B	b1
R 1480	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	B	b5
R 1481	CHIP RES.	22	1/10W	5%	RMC1/10T 220J	J24205220		4-		
R 1482	CHIP RES.	120k	1/16W	5%	RMC1/16 124JATP	J24185124		16-		
R 1483	CARBON FILM RES.	3.3k	1/6W	5%	RD16PJ332 3.3K	J01225332		41-		
RL1001	RELAY		DC9V		AG4017 DC9V	M1190114		1-	A	G1
T 1001	COIL 07WIDE				4-1 2D3 TR6X3	L0020788A		1-	A	E2
T 1002	COIL 04WIDE				4BLH-4	L0022449		1-	A	E2
T 1003	COIL 05RF				M5-N R12-S981Y	L0022555		1-	A	H1
T 1004	COIL 04WIDE				4BLH-4	L0022449		1-	A	E3
T 1005	COIL 07WIDE				4-1 2D3 TR6X3	L0020788A		1-	A	E3
T 1006	COIL 05RF				M5-N R12-S983Y	L0022557		1-	A	H2
T 1008	COIL 05RF				R12-S980Y	L0022503		1-	A	E3
T 1009	COIL 05RF				M5-N R12-S982Y	L0022556		1-	A	H2
T 1010	COIL 05RF				R12-S977Y	L0022500		1		
T 1011	COIL 05RF				R12-S978Y	L0022501		1-	A	E3
T 1012	COIL 05RF				M5-N R12-S981Y	L0022555		1-	A	H3
T 1014	COIL 05RF				R12-S975Y	L0022498		1	A	E3
T 1014	COIL 05RF				R12-S974Y	L0022497		2-	A	E3
T 1015	COIL 04WIDE				4BLH-4	L0022449		1-	A	G3
T 1016	COIL 07WIDE				2001F	L0021973		1-	A	G3
T 1017	COIL 07WIDE				4-1 2001F FR6	L0021351		1	A	F3
T 1017	COIL 07WIDE				2001F	L0021973		2-	A	F3
T 1018	COIL 05RF				M5-N R12-S981Y	L0022555		1-	A	E2
T 1019	COIL 04WIDE				4BLH-4	L0022449		1-	A	H3
T 1020	COIL 05RF				R12-S970B	L0022493		1-	A	E4
T 1021	COIL 05RF				M5-N R12-S981Y	L0022555		1-	A	E2
T 1022	COIL 05RF				R12-S971B	L0022494		1-	A	E4
T 1023	COIL 05RF				R12-S980Y	L0022503		1	A	G3
T 1023	COIL 05RF				R12-S977Y	L0022500		2-	A	G3
T 1024	COIL 05RF				M5-N R12-S981Y	L0022555		1		
T 1025	COIL 05RF				R12-S976Y	L0022499		1	A	H3
T 1025	COIL 05RF				R12-S976Y	L0022499		2-	A	H3
T 1026	COIL 05RF				M5-N R12-S981Y	L0022555		1-	A	E3
T 1027	COIL 05RF				R12-S975Y	L0022498		1	A	H4
T 1027	COIL 05RF				R12-S976Y	L0022499		2-	A	H4
T 1028	COIL 05RF				R12-S979Y	L0022502		1	A	G5
T 1028	COIL 05RF				R12-S976Y	L0022499		2-	A	G5
T 1029	COIL 05RF				R12-S971B	L0022494		1-	A	F4
T 1030	COIL 05RF				R12-S971B	L0022494		1-	A	G5
T 1031	COIL 05RF				R12-S971B	L0022494		1-	A	F4
T 1032	COIL 05RF				R12-S971B	L0022494		1-	A	F5
T 1033	COIL 05RF				R12-S971B	L0022494		1-	A	C3
T 1034	COIL 05RF				R12-S971B	L0022494		1-	A	F5
T 1035	COIL 05RF				R12-S971B	L0022494		1-	A	C2
T 1036	COIL 05RF				R12-S971B	L0022494		1-	A	F5
T 1037	COIL 05RF				R12-S972B	L0022495		1-	A	C2
T 1039	COIL 05RF				R12-S975Y	L0022498		1	A	H4
T 1039	COIL 05RF				R12-S978Y	L0022501		2-	A	H4
T 1040	COIL 05RF				K5-N R12-S985Y	L0022559		1-	A	D2
TC1001	TRIMMER CAP.	6pF			ECR-KN006A61X 6P	K91000225		2-	A	D2
TH1001	THERMISTOR				157-501-53009TP	G9090058		1-	B	c4

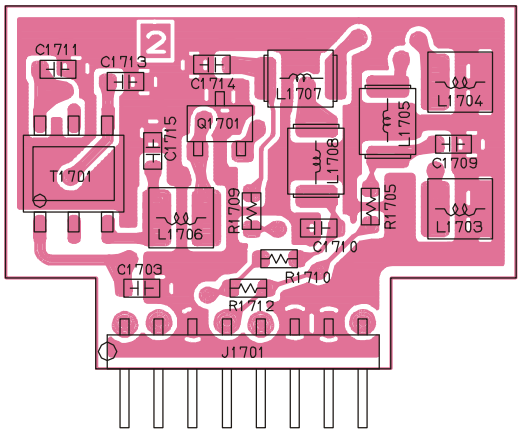
MAIN Unit

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
TH1002	THERMISTOR				157-501-53009TP	G9090058		1-	B	a5
TH1003	THERMISTOR				157-501-53009TP	G9090058		1		
TH1004	THERMISTOR				157-501-53009TP	G9090058		2-	B	e2
TH1006	THERMISTOR				157-501-53009TP	G9090058		2-	B	a2
TH1007	THERMISTOR				157-152-53009-TP	G9090123		2-	B	e3
TP1002	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	A3
TP1003	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	A2
TP1004	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	C3
TP1005	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	B3
TP1006	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	C3
TP1007	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	A2
TP1008	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	A2
TP1009	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	C3
VR1001	POT.	470			RH03A3AS2X 470	J51807471		1-	A	F3
VR1002	POT.	10k			RH03A3A14X 10K	J51807103		1-	A	D2
VR1003	POT.	10k			RH03A3A14X 10K	J51807103		1-	A	D2
VR1004	POT.	10k			RH03A3A14X 10K	J51807103		1-	A	B2
X 1001	XTAL UM-1	11.705MHz			11.705MHZ	H0103186		1-	A	D2
X 1002	XTAL UM-1	12.16MHz			12.160MHZ	H0103187		1-	A	F4
X 1003	XTAL HC-49/U	8.23MHz			8.23MHZ	H0103213		2-	A	A4
XF1002	XTAL FILTER				XF-118S	H1102316		1-	A	D3
XF1003	XTAL FILTER				XF-117CN	H1102305	W/XF-117CN	1-48	A	E5
XF1003	XTAL FILTER				XF-117CN	H1102305	XF-117CN	49-	A	E5
XF1004	XTAL FILTER				XF-117C	H1102306	W/XF-117C	1-	A	E4
XF1005	XTAL FILTER				74M15BUF	H1102315		1	A	H4
XF1005	XTAL FILTER				68R15BU	H1102296		2-	A	H4
XF1006	XTAL FILTER				74M15BUF	H1102315		1	A	H4
XF1006	XTAL FILTER				68R15BU	H1102296		2-	A	H4
XF1007	XTAL FILTER				XF-117A	H1102313	W/XF-117A	1-		
	XTAL SPACER					R7076390		2-		
	SHIELD PLATE					RA0147000		2-		
	LEAF SPRING					R0140031		2-		

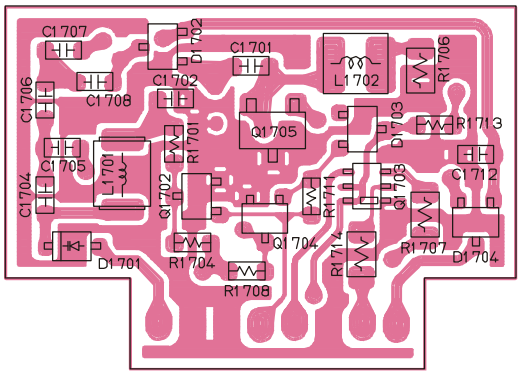
Circuit Diagram



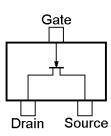
Parts Layout



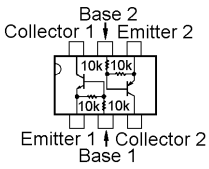
Side A



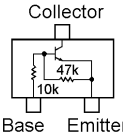
Side B



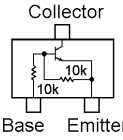
SST310 (Z0)
(Q1701, 1705)



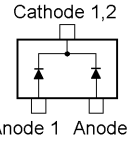
UMD3N (D3)
(Q1703)



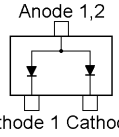
2SC4047 (ZY) (Lot.1)
(Q1702)



DTC114EU (24) (Lot.2~)
(Q1702, 1704)



DAN235U (M) (Lot.1)
(D1702)
DAN202U (N) (Lot.2~)
(D1703)



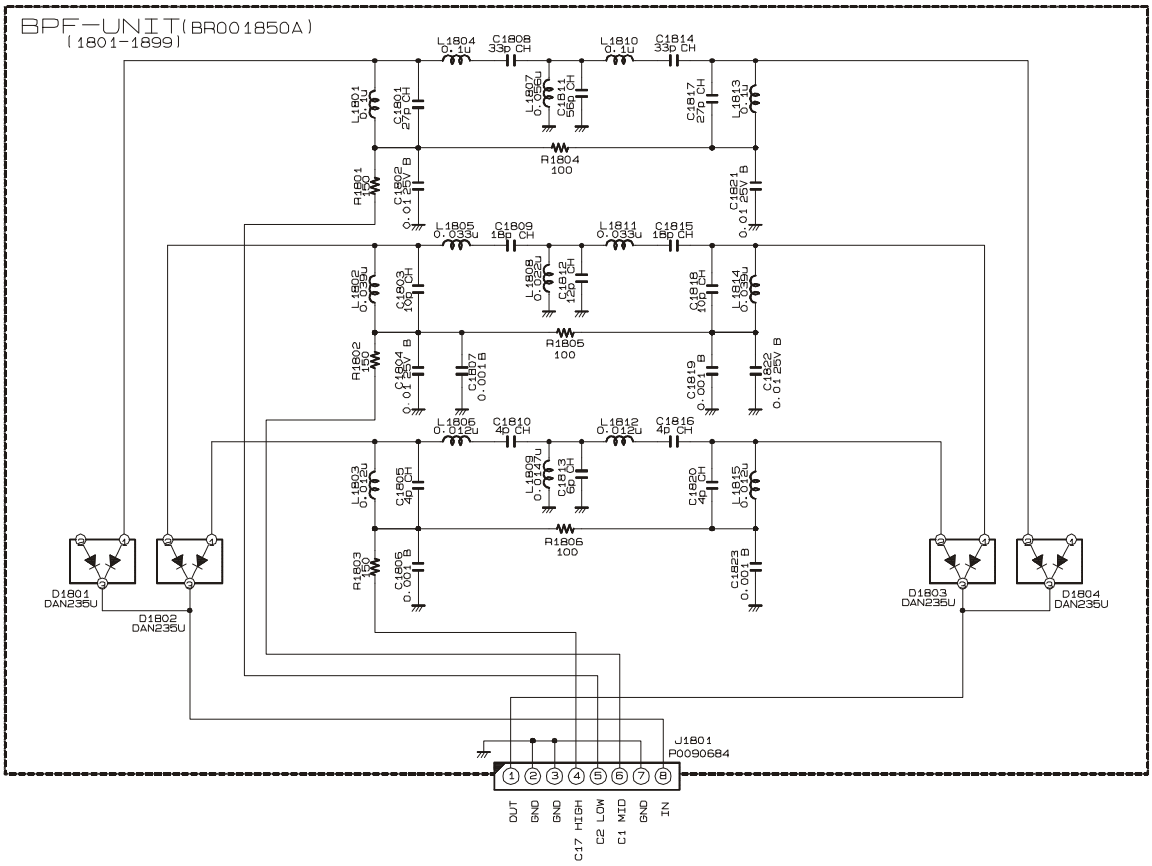
DAP236U (M) (Lot.2~)
(D1702, 1704)

6m-Filter Unit

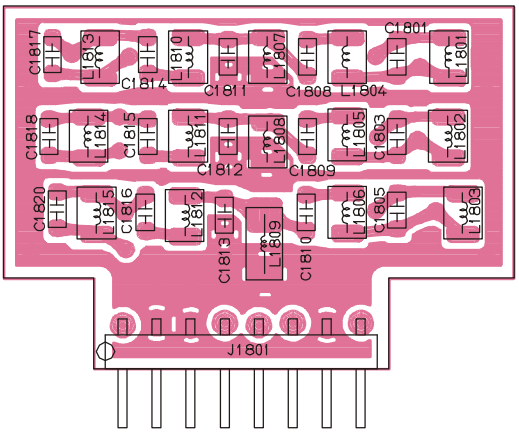
Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
					*** 6M-FIL-UNIT ***					
	PCB with Components					CB0421001				
PB1701	Printed Circuit Board					FR001840C				
C 1701	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 1702	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 1703	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	
C 1704	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		1-	B	
C 1705	CHIP CAP.	150pF	50V	CH	GRM39CH151J50PT	K22174239		1-	B	
C 1706	CHIP CAP.	47pF	50V	CH	GRM39CH470J50PT	K22174227		1-	B	
C 1707	CHIP CAP.	470pF	50V	B	GRM39B471M50PT	K22174805		1	B	
C 1707	CHIP CAP.	470pF	50V	CH	GRM39CH471J50PT	K22174249		2-	B	
C 1708	CHIP CAP.	82pF	50V	CH	GRM39CH820J50PT	K22174233		1-	B	
C 1709	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	
C 1710	CHIP CAP.	1pF	50V	CK	GRM39CK010C50PT	K22174202		1	A	
C 1710	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	A	
C 1711	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	A	
C 1712	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		2-3	B	
C 1712	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		5-	B	
C 1714	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		2-	A	
D 1701	DIODE				1SV271 TPH3	G2070476		1-	B	
D 1702	DIODE				DAN235U TL	G2070176		1	B	
D 1702	DIODE				DAP236U T106	G2070592		2-	B	
D 1703	DIODE				DAN202U T106	G2070162		2-	B	
D 1704	DIODE				DAP236U T106	G2070592		2-	B	
J 1701	CONNECTOR				9230B-1-08Z009-T	P0090684		1-	A	
L 1701	M.RFC	100uH			FLC32T-101J	L1690227		1-	B	
L 1702	CHIP COIL	3.3uH			C2520C-3R3K	L1690733		1-	B	
L 1703	CHIP COIL	0.18uH			C2520C-R18J	L1690547		1-	A	
L 1704	CHIP COIL	0.12uH			C2520C-R12J	L1690545		1-	A	
L 1705	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	
L 1706	CHIP COIL	2.7uH			C2520C-2R7K	L1690732		2-	A	
L 1706	CHIP COIL	1.5uH			C2520C-1R5K	L1690729		34-	A	
L 1707	M.RFC	100uH			FLC32T-101J	L1690227		2-	A	
L 1708	M.RFC	100uH			FLC32T-101J	L1690227		2-	A	
Q 1701	FET				SST310-T1	G4070009		1-	A	
Q 1702	TRANSISTOR				2SC4047-TA	G3340477		1	B	
Q 1702	TRANSISTOR				DTC114EU T106	G3070084		2-	B	
Q 1703	TRANSISTOR				UMD3N TR	G3070211		2-	B	
Q 1704	TRANSISTOR				DTC114EU T106	G3070084		2-	B	
Q 1705	FET				SST310-T1	G4070009		34-	B	
R 1701	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1702	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1		
R 1703	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1		
R 1704	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	
R 1705	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1	A	
R 1705	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		2-	A	
R 1706	CHIP RES.	68	1/10W	5%	RMC1/10T 680J	J24205680		2-	B	
R 1707	CHIP RES.	47	1/10W	5%	RMC1/10T 470J	J24205470		2-	B	
R 1708	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	
R 1709	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	A	
R 1710	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	A	
R 1711	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	
R 1712	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	A	
R 1713	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		2-	B	
R 1714	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		2-	B	
T 1701	COIL 04WIDE				4BLH #222910	L0022571		1-	A	

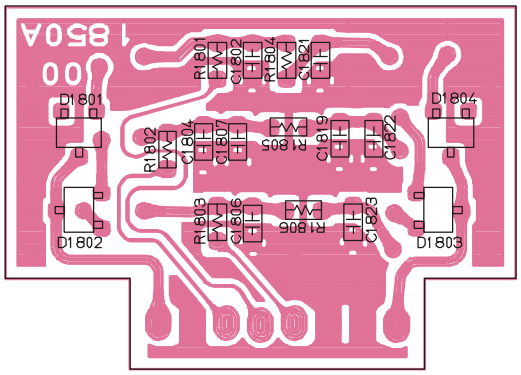
Circuit Diagram



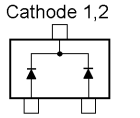
Parts Layout



Side A



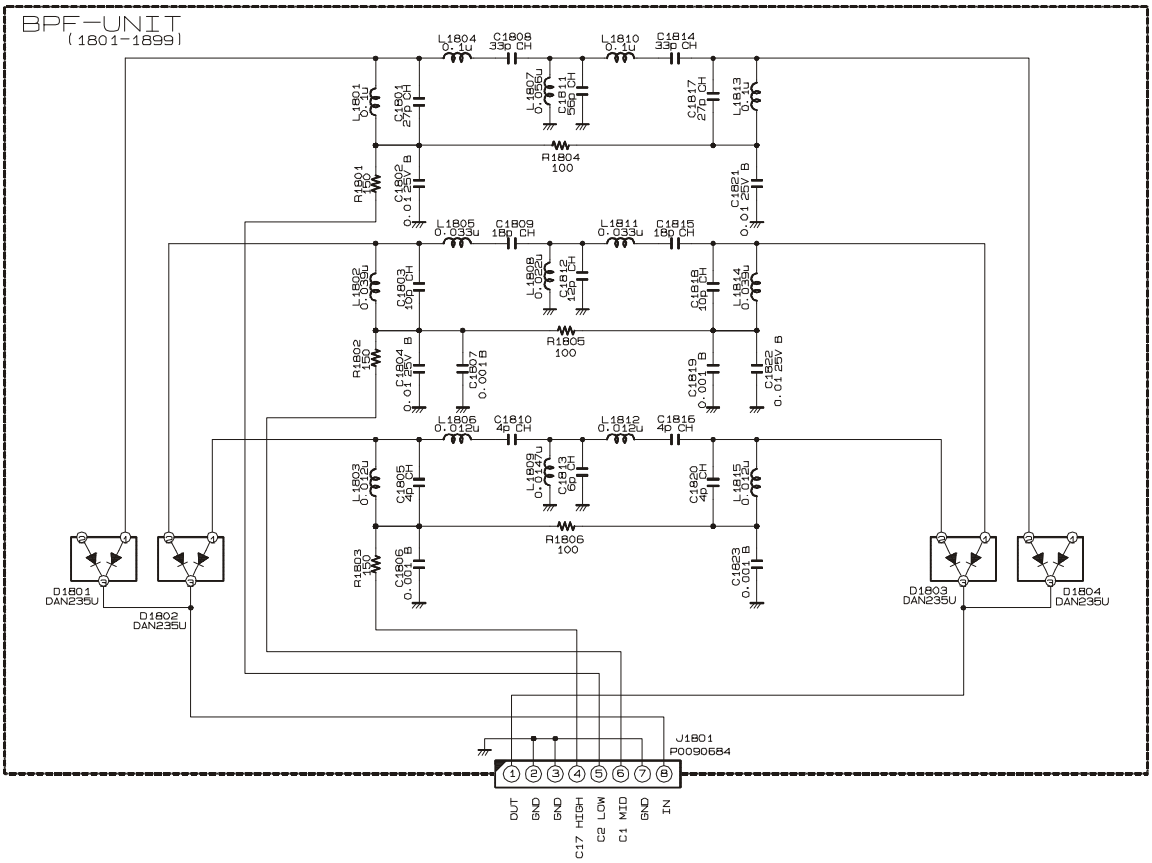
Side B



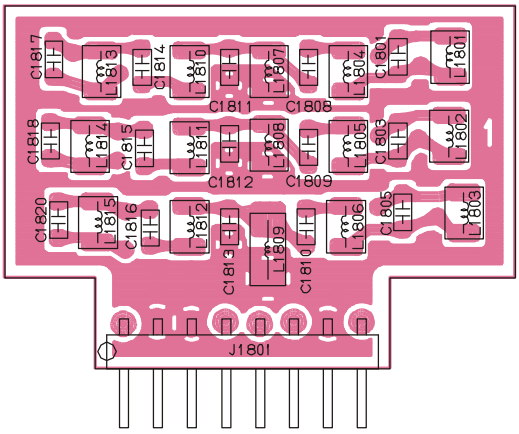
DAN235U (M)
(D1801, 1802,
1803, 1804)

BPF Unit (Lot. 9~)

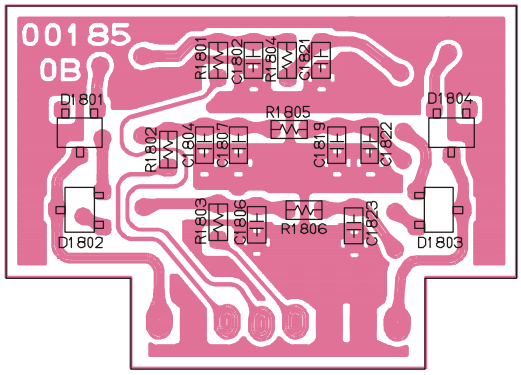
Circuit Diagram



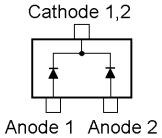
Parts Layout



Side A



Side B



DAN235U (M)
(D1801, 1802,
1803, 1804)

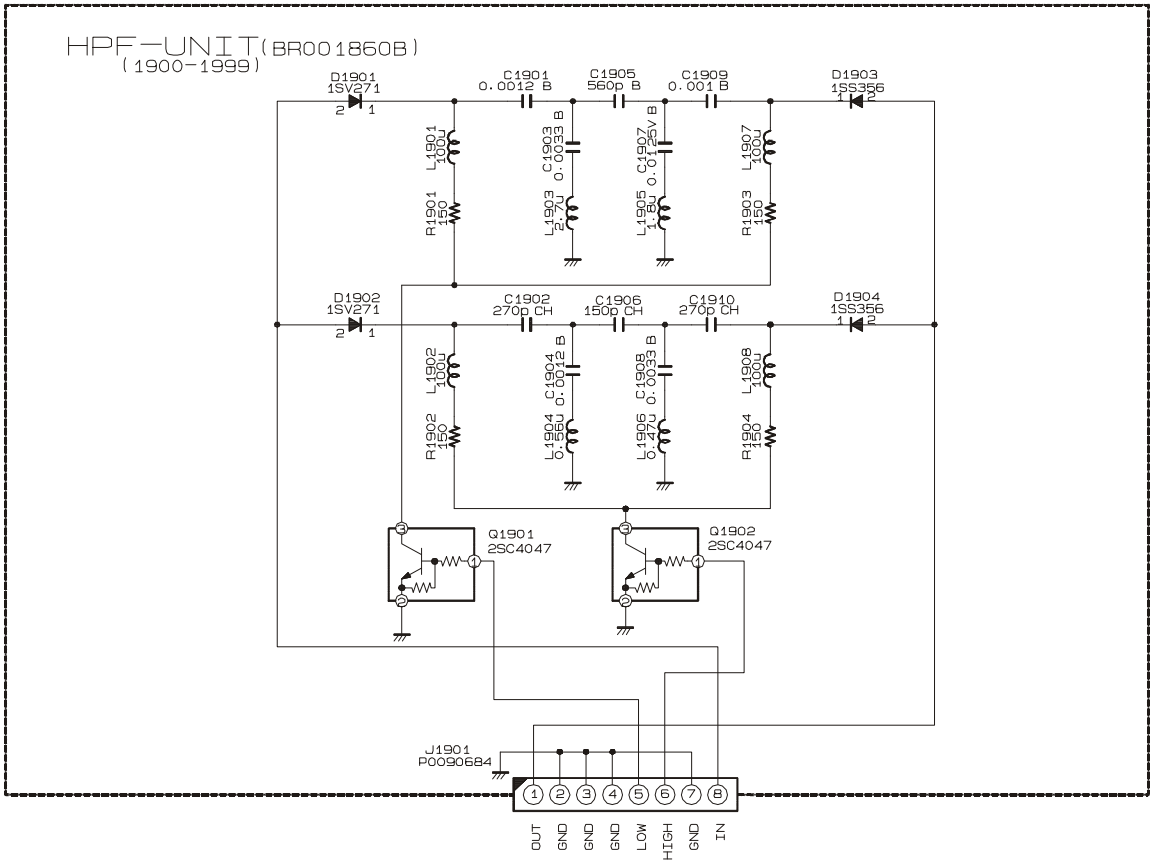
Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
					*** BPF UNIT ***					
	PCB with Components					CB0422001				
	Printed Circuit Board					FR001850A		1-		
	Printed Circuit Board					FR001850B		9-		
C 1801	CHIP CAP.	27pF	50V	CH	GRM39CH270J50PT	K22174221		1-	A	
C 1802	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 1803	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1-	A	
C 1804	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 1805	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		1-	A	
C 1806	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	
C 1807	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	
C 1808	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		1-	A	
C 1809	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		1-	A	
C 1810	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		1-	A	
C 1811	CHIP CAP.	56pF	50V	CH	GRM39CH560J50PT	K22174229		1-	A	
C 1812	CHIP CAP.	12pF	50V	CH	GRM39CH120J50PT	K22174213		1-	A	
C 1813	CHIP CAP.	6pF	50V	CH	GRM39CH060D50PT	K22174207		1-	A	
C 1814	CHIP CAP.	33pF	50V	CH	GRM39CH330J50PT	K22174223		1-	A	
C 1815	CHIP CAP.	18pF	50V	CH	GRM39CH180J50PT	K22174217		1-	A	
C 1816	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		1-	A	
C 1817	CHIP CAP.	27pF	50V	CH	GRM39CH270J50PT	K22174221		1-	A	
C 1818	CHIP CAP.	10pF	50V	CH	GRM39CH100D50PT	K22174211		1-	A	
C 1819	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	
C 1820	CHIP CAP.	4pF	50V	CH	GRM39CH040C50PT	K22174205		1-	A	
C 1821	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 1822	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	B	
C 1823	CHIP CAP.	0.001uF	50V	B	GRM39B102K50PT	K22174821		1-	B	
D 1801	DIODE				DAN235U TL	G2070176		1-	B	
D 1802	DIODE				DAN235U TL	G2070176		1-	B	
D 1803	DIODE				DAN235U TL	G2070176		1-	B	
D 1804	DIODE				DAN235U TL	G2070176		1-	B	
J 1801	CONNECTOR				9230B-1-08Z009-T	P0090684		1-	A	
L 1801	M.RFC	0.1uH			C2012C-R10K	L1690676		1-	A	
L 1802	M.RFC	0.039uH			C2012C-39NK	L1690671		1-	A	
L 1803	M.RFC	0.012uH			C2012C-12NK	L1690665		1-	A	
L 1804	M.RFC	0.1uH			C2012C-R10K	L1690676		1-	A	
L 1805	M.RFC	0.033uH			C2012C-33NK	L1690670		1-	A	
L 1806	M.RFC	0.012uH			C2012C-12NK	L1690665		1-	A	
L 1807	M.RFC	0.056uH			C2012C-56NK	L1690673		1-	A	
L 1808	M.RFC	0.022uH			C2012C-22NK	L1690668		1-	A	
L 1809	CHIP COIL	0.0147uH			LQN1A15NJ04	L1690251		1-	A	
L 1810	M.RFC	0.1uH			C2012C-R10K	L1690676		1-	A	
L 1811	M.RFC	0.033uH			C2012C-33NK	L1690670		1-	A	
L 1812	M.RFC	0.012uH			C2012C-12NK	L1690665		1-	A	
L 1813	M.RFC	0.1uH			C2012C-R10K	L1690676		1-	A	
L 1814	M.RFC	0.039uH			C2012C-39NK	L1690671		1-	A	
L 1815	M.RFC	0.012uH			C2012C-12NK	L1690665		1-	A	
R 1801	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1802	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1803	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1804	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	
R 1805	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	
R 1806	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	B	

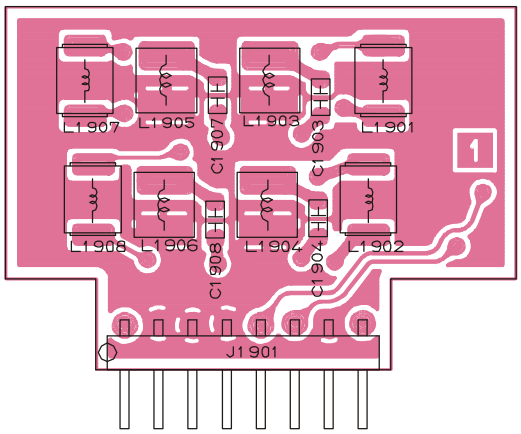
BPF Unit

Note:

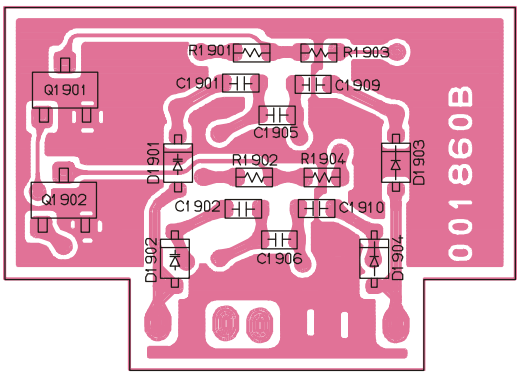
Circuit Diagram



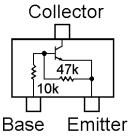
Parts Layout



Side A



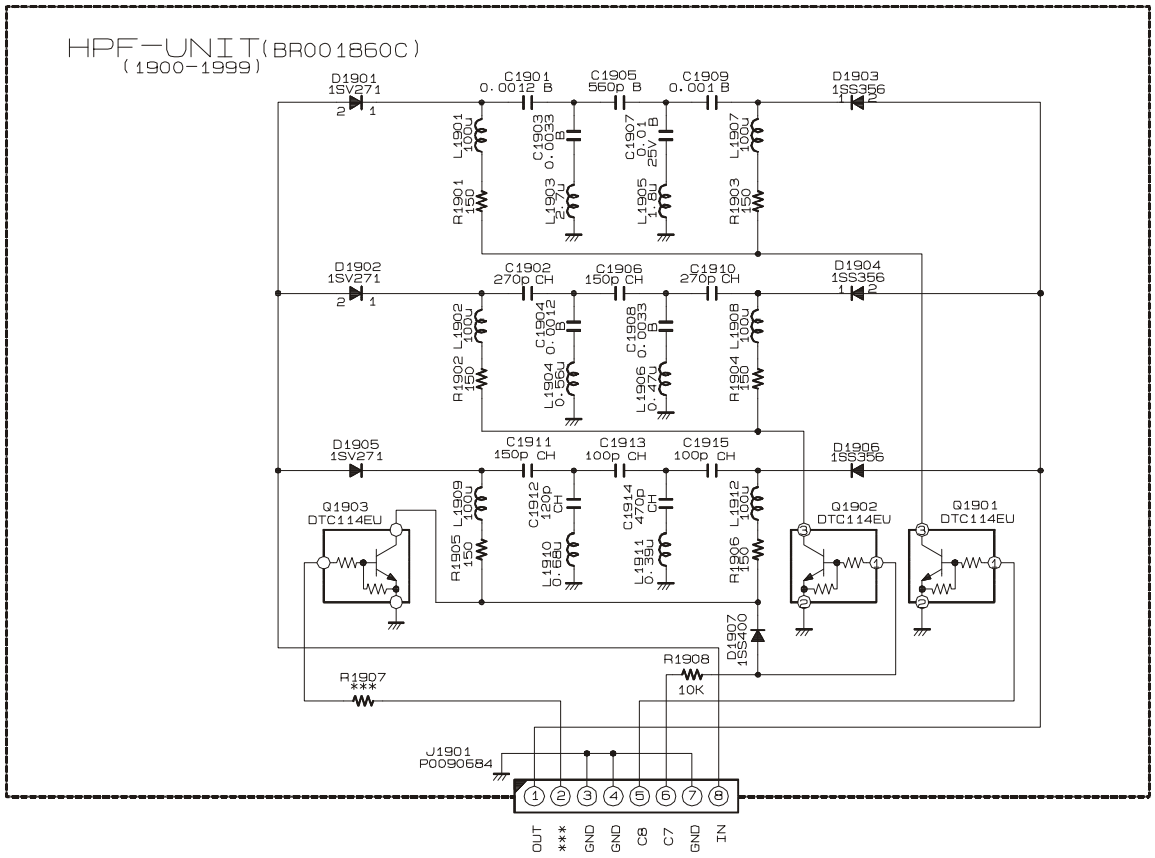
Side B



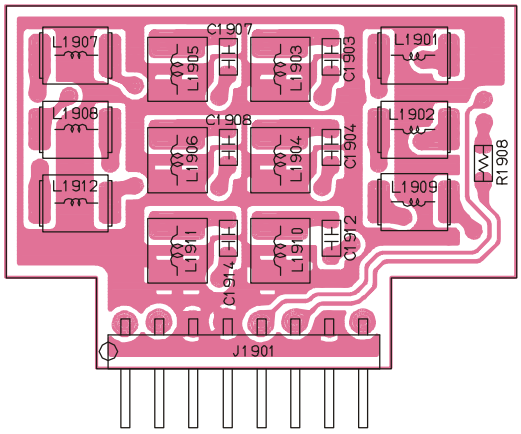
2SC4047 (ZY)
(Q1901, 1902)

HPF Unit (Lot. 6~)

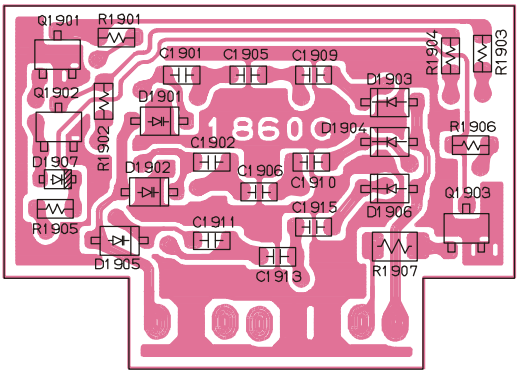
Circuit Diagram



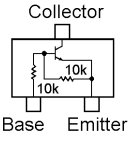
Parts Layout



Side A



Side B



DTC114EU (24)
(Q1901, 1902,
1903)

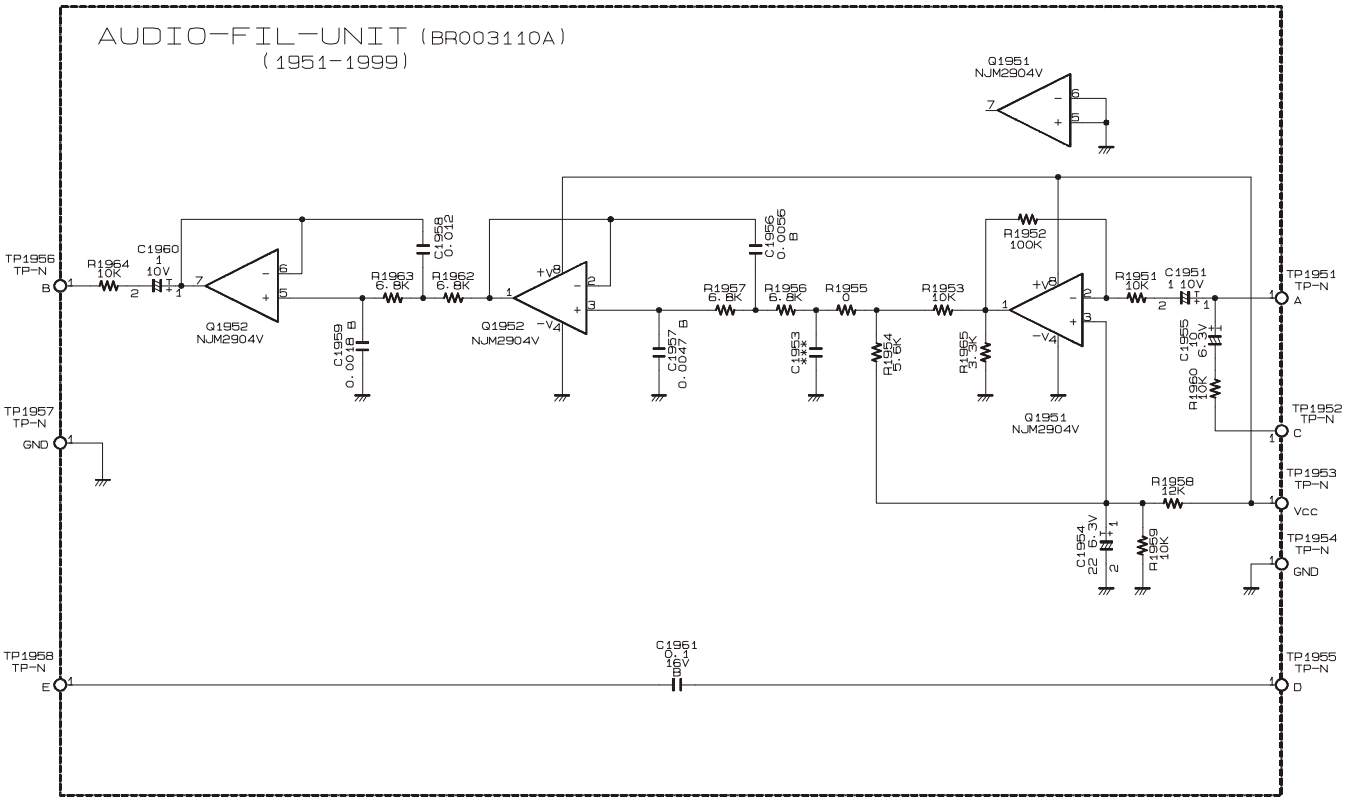
Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
					*** HPF UNIT ***					
	PCB with Components					CB0423001				
	Printed Circuit Board					FR001860B		1-		
	Printed Circuit Board					FR001860C		6-		
C 1901	CHIP CAP.	0.0012uF	50V	B	GRM39B122M50PT	K22174810		1-	B	
C 1902	CHIP CAP.	270pF	50V	CH	GRM39CH271J50PT	K22174251		1-	B	
C 1903	CHIP CAP.	0.0033uF	50V	B	GRM39B332M50PT	K22174815		1-	A	
C 1904	CHIP CAP.	0.0012uF	50V	B	GRM39B122M50PT	K22174810		1-	A	
C 1905	CHIP CAP.	560pF	50V	B	GRM39B561M50PT	K22174806		1-	B	
C 1906	CHIP CAP.	150pF	50V	CH	GRM39CH151J50PT	K22174239		1-	B	
C 1907	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1-	A	
C 1908	CHIP CAP.	0.0033uF	50V	B	GRM39B332M50PT	K22174815		1-	A	
C 1909	CHIP CAP.	0.001uF	50V	B	GRM39B102M50PT	K22174809		1-	B	
C 1910	CHIP CAP.	270pF	50V	CH	GRM39CH271J50PT	K22174251		1-	B	
C 1911	CHIP CAP.	150pF	50V	CH	GRM39CH151J50PT	K22174239		6-	B	
C 1912	CHIP CAP.	120pF	50V	CH	GRM39CH121J50PT	K22174237		6-	A	
C 1913	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		6-	B	
C 1914	CHIP CAP.	470pF	50V	CH	GRM39CH471J50PT	K22174249		6-	A	
C 1915	CHIP CAP.	100pF	50V	CH	GRM39CH101J50PT	K22174235		6-	B	
D 1901	DIODE				1SV271 TPH3	G2070476		1-	B	
D 1902	DIODE				1SV271 TPH3	G2070476		1-	B	
D 1903	DIODE				1SS356TW11	G2070468		1-	B	
D 1904	DIODE				1SS356TW11	G2070468		1-	B	
D 1905	DIODE				1SV271 TPH3	G2070476		6-	B	
D 1906	DIODE				1SS356TW11	G2070468		6-	B	
D 1907	DIODE				1SS400 TE61	G2070634		6-	B	
D 1907	DIODE				MA2S111-(TX)	G2070614		13-	B	
J 1901	CONNECTOR				9230B-1-08Z009-T	P0090684		1-	B	
JP1901	WIRE ASSY				GRN 100 2/2	T50510000		6-		
L 1901	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	
L 1902	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	
L 1903	CHIP COIL	2.7uH			C2520C-2R7K	L1690732		1-	A	
L 1904	CHIP COIL	0.56uH			C2520C-R56J	L1690553		1-	A	
L 1905	CHIP COIL	1.8uH			C2520C-1R8K	L1690730		1-	A	
L 1906	CHIP COIL	0.47uH			C2520C-R47J	L1690552		1-	A	
L 1907	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	
L 1908	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	
L 1909	M.RFC	100uH			FLC32T-101J	L1690227		6-	A	
L 1910	CHIP COIL	0.68uH			C2520C-R68J	L1690554		6-	A	
L 1911	CHIP COIL	0.39uH			C2520C-R39J	L1690551		6-	A	
L 1912	M.RFC	100uH			FLC32T-101J	L1690227		6-	A	
Q 1901	TRANSISTOR				2SC4047-TA	G3340477		1-	B	
Q 1901	TRANSISTOR				DTC114EU T106	G3070084		6-	B	
Q 1902	TRANSISTOR				2SC4047-TA	G3340477		1-	B	
Q 1902	TRANSISTOR				DTC114EU T106	G3070084		6-	B	
Q 1903	TRANSISTOR				DTC114EU T106	G3070084		6-	B	
R 1901	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	
R 1902	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1903	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1904	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	B	
R 1905	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		6-	B	
R 1906	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		6-	B	
R 1908	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		6-	A	

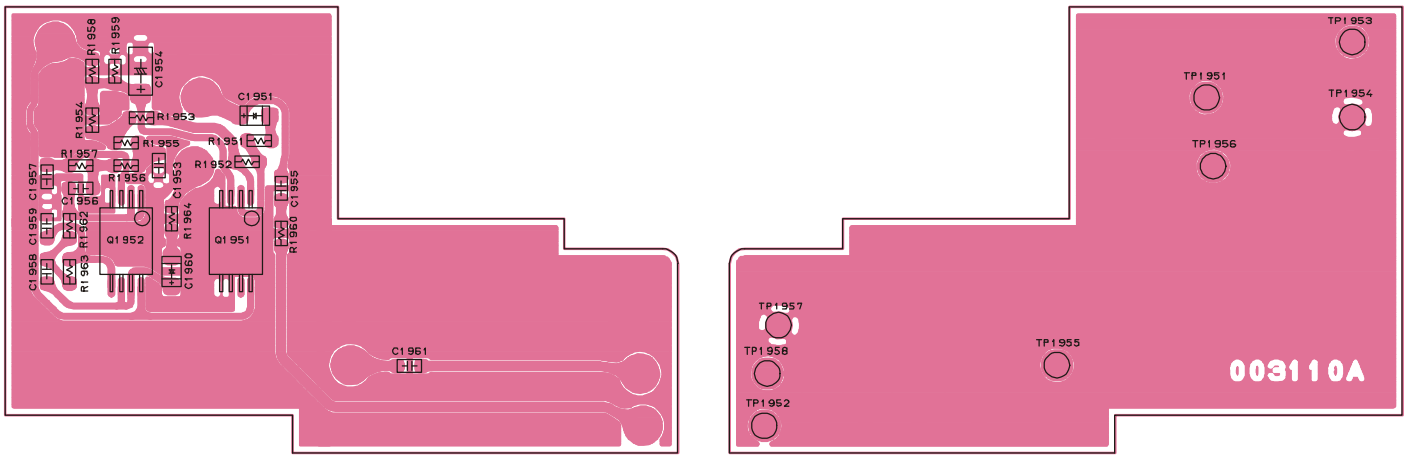
HPF Unit

Note:

Circuit Diagram

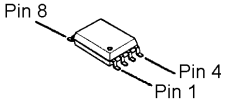


Parts Layout



Side A

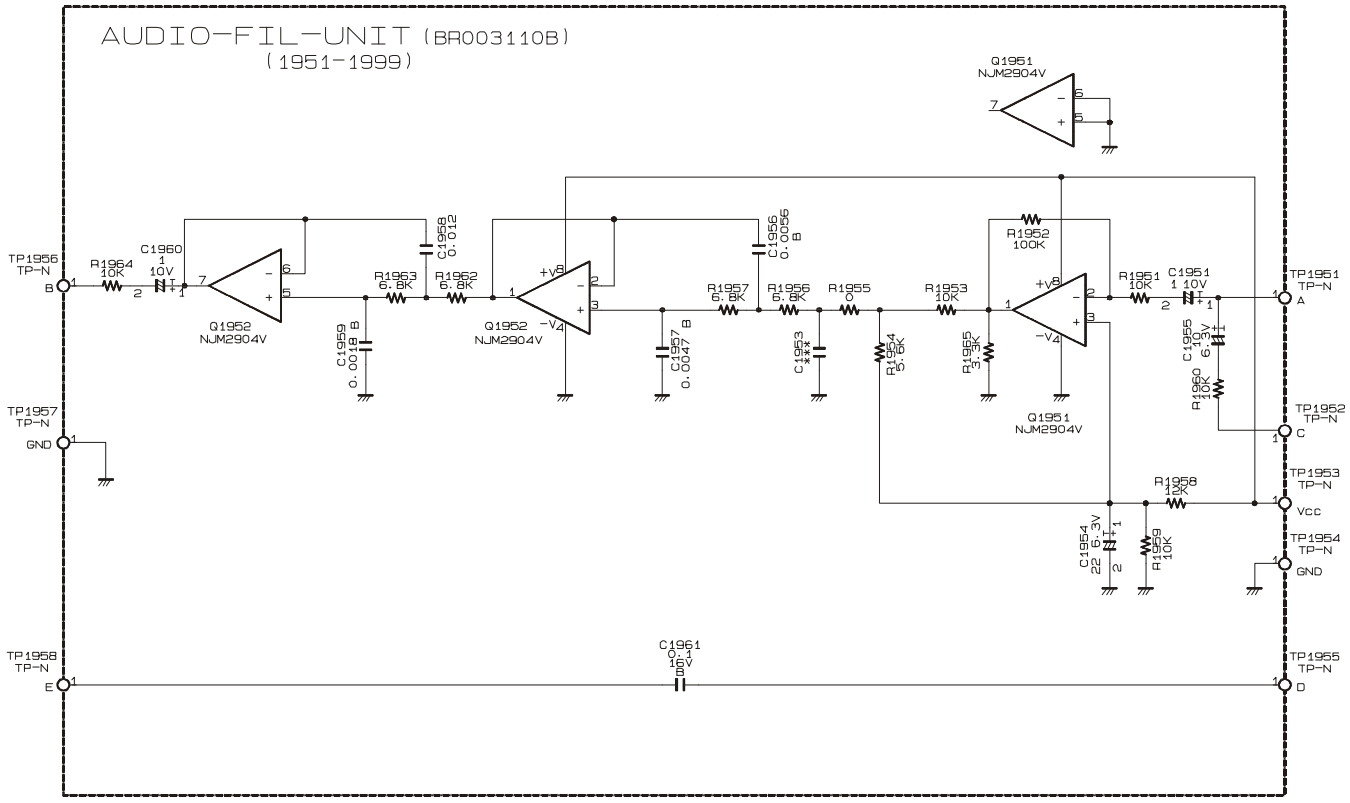
Side B



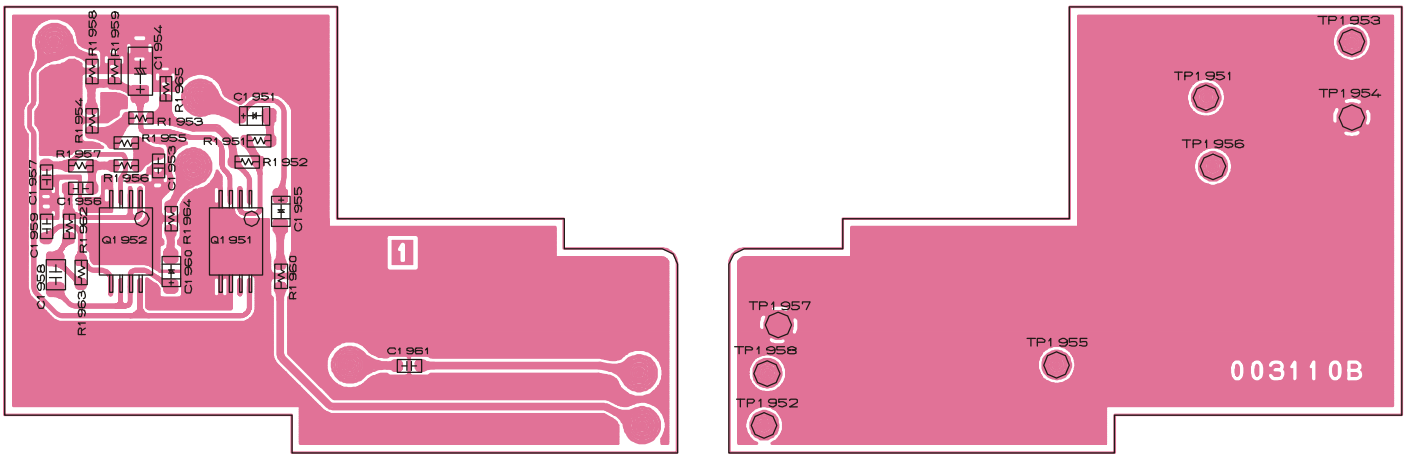
NJM2904V
(Q1951, 1952)

Audio-Filter (Lot. 6~)

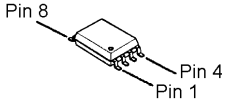
Circuit Diagram



Parts Layout



Side A Side B



NJM2904V
(Q1951, 1952)

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
					*** AUDIO-FIL UNIT ***					
	PCB with Components					CB0674001				
	Printed Circuit Board					FR003110A		1-		
	Printed Circuit Board					FR003110B		5-		
C 1951	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	
C 1952	CHIP TA.CAP.	4.7uF	10V		TEMSVA21A475M-8R	K78100045		1	B	
C 1953	CHIP CAP.	0.01uF	25V	B	GRM39B103K25PT	K22144803		1	B	
C 1954	CHIP TA.CAP.	10uF	10V		TEMSVA1A106M-8R	K78100028		1	B	
C 1954	CHIP TA.CAP.	22uF	6.3V		TEMSVA0J226M-8R	K78080047		2-	B	
C 1955	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1	B	
C 1955	CHIP TA.CAP.	10uF	6.3V		TESVSP0J106M-8R	K78080055		2-	B	
C 1956	CHIP CAP.	0.0056uF	50V	B	GRM39B562M50PT	K22174818		1-	B	
C 1957	CHIP CAP.	0.0047uF	50V	B	GRM39B472M50PT	K22174817		1-	B	
C 1958	CHIP CAP.	0.0012uF	50V	B	GRM39B122M50PT	K22174810		1	B	
C 1958	CHIP CAP.	0.012uF	50V	B	GRM39B123K50PT	K22174825		2-	B	
C 1959	CHIP CAP.	0.0018uF	50V	B	GRM39B182M50PT	K22174812		1-	B	
C 1960	CHIP TA.CAP.	1uF	10V		TESVSP1A105M-8R	K78100032		1-	B	
C 1961	CHIP CAP.	0.1uF	16V	B	GRM39B104K16PT	K22124805		1-	B	
Q 1951	IC				NJM2904V-TE1	G1091677		1-	B	
Q 1952	IC				NJM2904V-TE1	G1091677		1-	B	
R 1951	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	
R 1952	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	
R 1952	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		2-	B	
R 1953	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1	B	
R 1953	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		2-	B	
R 1954	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	B	
R 1955	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1	B	
R 1955	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		2-	B	
R 1956	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	
R 1957	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	
R 1958	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1	B	
R 1958	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		2-	B	
R 1959	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	
R 1960	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	
R 1962	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	
R 1963	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	
R 1964	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	B	
R 1965	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		2-	B	
TP1951	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1952	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1953	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1954	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1955	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1956	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1957	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
TP1958	TERMINAL				TP-N IPS-1091	Q5000082		2-	A	
	LEAF SPRING					R0140031		34-		

Audio-Filter Unit

Note:

LOCAL-UNIT(BR001640D)
(2000-2799)

REF. UNIT
(or optional)
TCXO UNIT