

VX-1400 Series

HF Multi Mode Mobile Radio Service Manual

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EC091H90A

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Introduction

This manual provides the technical information necessary for servicing the VX-1400 HF Transceiver.

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

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

As described in the pages to follow, the advanced microprocessor design of the VX-1400 Transceiver allows a complete alignment of this transceiver to be performed without opening the case of the radio; all adjustments can be performed from the front panel, using the "Alignment Mode" menu.

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



Important Note

- 1) This transceiver was assembled using Pb (lead) free solder, based on the RoHS specification. Only lead-free solder (Alloy Composition: Sn-3.0Ag-0.5Cu) should be used for repairs performed on this apparatus. The solder stated above utilizes the alloy composition required for compliance with the lead-free specification, and any solder with the above alloy composition may be used.
- 2) Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

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Specifications

General

Frequency Range:	RX: 30 kHz - 30 MHz, TX: 1.6 - 30 MHz
Number of Channel:	512
Emission Modes:	A1A (CW), J3E (LSB/USB), A3E (AM), H3E (2182 kHz only), J2B (FSK/AFSK)
Synthesizer Steps:	10 Hz
Antenna Impedance:	50 Ohm, Unbalanced
Operating Temperature Range:	-20° C to +60° C
Frequency Stability:	±0.5 ppm
Power Requirements:	DC 13.8V±15 %
Current Consumption:	Receive (No Signal) 1 A, Transmit (Max) 23 A
IP Rating:	IP54 Front Panel (Only with MH-77 connected)
Case Size (W x H x D):	178 x 60 x 268 mm (7" x 2.4" x 10.6") w/o knobs and fans
Weight (approx.):	3.4 kg (7.5 lbs)

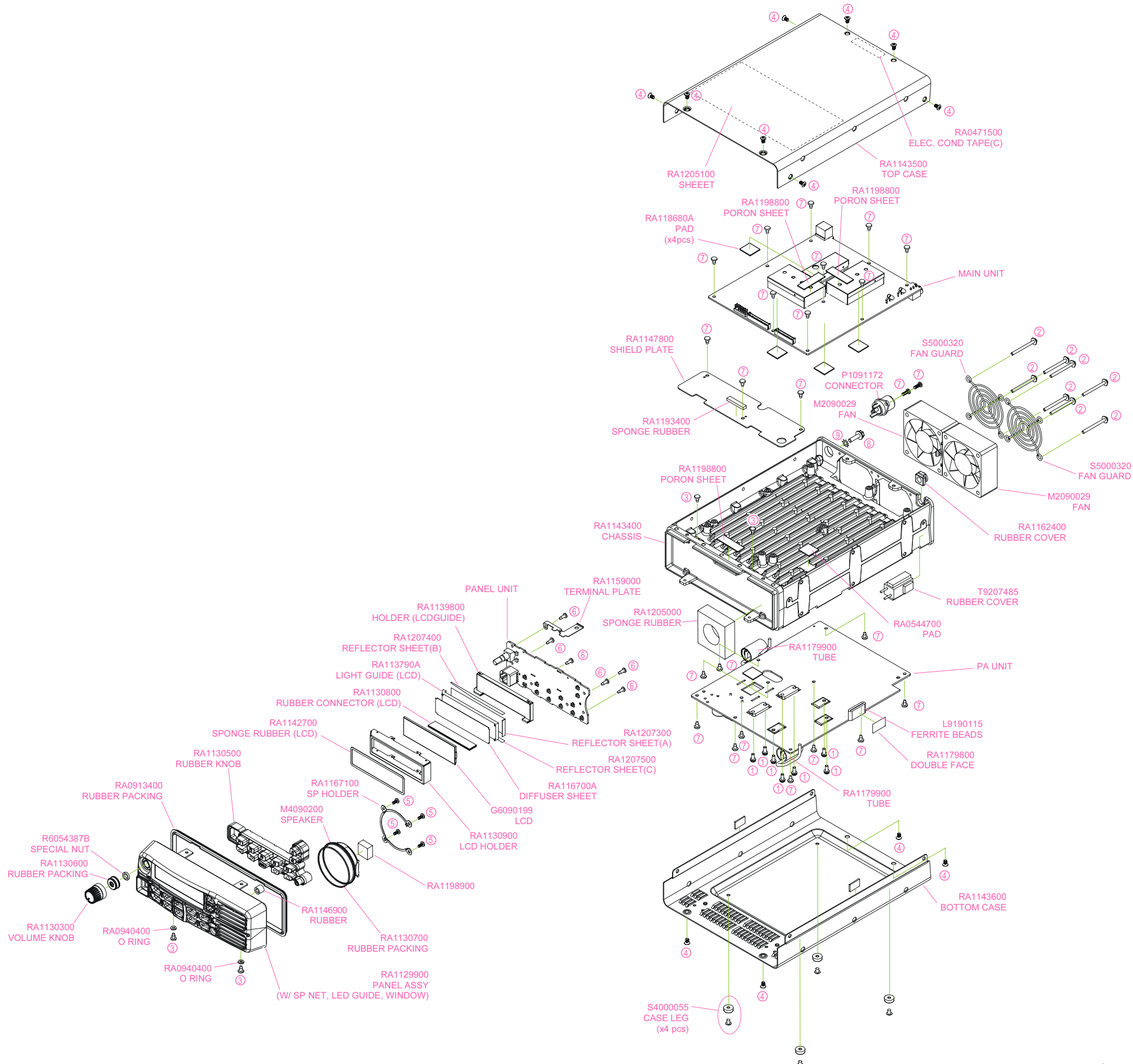
Receiver

Circuit Type:	Double Conversion Superheterodyne
Sensitivity (10 dB S/N):	J2B/J3E/A1A 0.5 - 1.6 MHz 0.71 µV 1.6 - 30 MHz 0.16 µV A3E 0.5 - 1.6 MHz 7.93 µV 1.6 - 30 MHz 1.00 µV
Adjacent Channel Selectivity: (-6 dB / -60 dB)	2.2 kHz/4.5 kHz (J2B/J3E/A3E Narrow) 500 Hz / 1.2 kHz (A1A Narrow) 6 kHz / 20 kHz (A3E)
IF Rejection:	80 dB (1.8 - 30 MHz)
Image Rejection:	80 dB (1.8 - 30 MHz)
Audio Output:	10 W into 4 Ohm @ 5% THD (J3E/A1A)

Transmitter

Power Output (@13.8 V, 25° C):	100 W (J2B/J3E/A1A), Low/Mid/High, 3 steps selectable the setting power is adjustable by 1 W step (100 W - 10W) 25 W AM Carrier (A3E/H3E) (25 W - 2.5W)
Modulation Type:	PSN Type Modulator (SSB), Low-Level (Early Stage) (AM)
Spurious Radiation (Harmonics):	-42 dB (1.8 - 30 MHz) -36 dB (1.6 - 1.8 MHz,)
J3E Carrier Suppression:	-45 dB @ 100 W (PEP)
Undesired Sideband Suppression:	50 dB @ 1.5 kHz tone, 100 W (PEP)
SSB Audio Response:	< -6 dB (300 to 2400 Hz)
Occupied Bandwidth:	< 0.5 kHz (A1A) < 3.0 kHz (J2B/J3E/H3E) < 6.0 kHz (A3E)
Microphone Impedance:	200 Ohm - 10 k-Ohm, (600 Ohm: Nominal)

Specifications are subject to change without notice or obligation.



SUPPLIED ACCESSORIES		
VXSTD P/N	DESCRIPTION	QTY.
T9025225	DC Power Cord	1
Q0000074	Spare Fuse (25 A Blade Type)	2

CONNECTION CABLES		
REF.	VXSTD P/N	DESCRIPTION
P 0001	T9317982	WIRE ASSY (J4001↔J5008)
P 0002	T9318227A	WIRE ASSY (J4002↔J5002)
P 0003	T9207114A	WIRE ASSY (J4003↔J5003)
P 0004	T9207484A	WIRE ASSY (J4004↔J3001)
P 0005	T9207485	WIRE ASSY (13.5V/GND)
P 0006	T9207511	WIRE ASSY (J4011↔J5006)
P 0007	T9207512	WIRE ASSY (J3002↔Speaker)

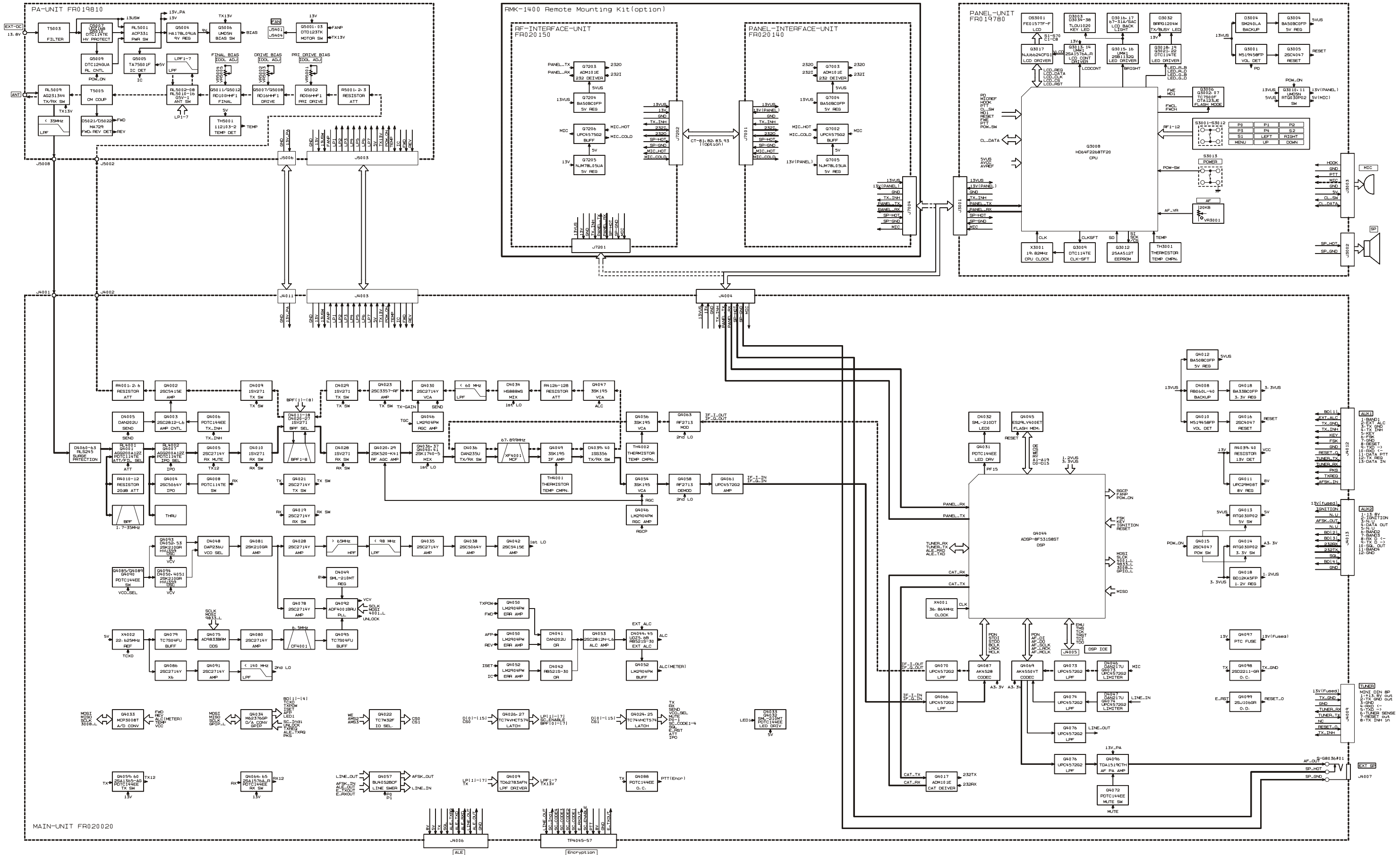
REF.	VXSTD P/N	DESCRIPTION	QTY.
①	U03308002	SEMS SCREW	7
②	U04335007	SEMS SCREW	8
③	U20306027	BINDING HEAD SCREW	4
④	U31306007	OVAL HEAD SCREW	12
⑤	U23206001	BIND HEAD TAPTITE-P	4
⑥	U23208001	BIND HEAD TAPTITE-P	6
⑦	U24306001	BIND HEAD TAPTITE-B	24
⑧	U9900076	HEX SOCKET BOLT	1
⑨	U72004002	TOOTHED LOCK WASHER	1

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

Exploded View & Miscellaneous Parts

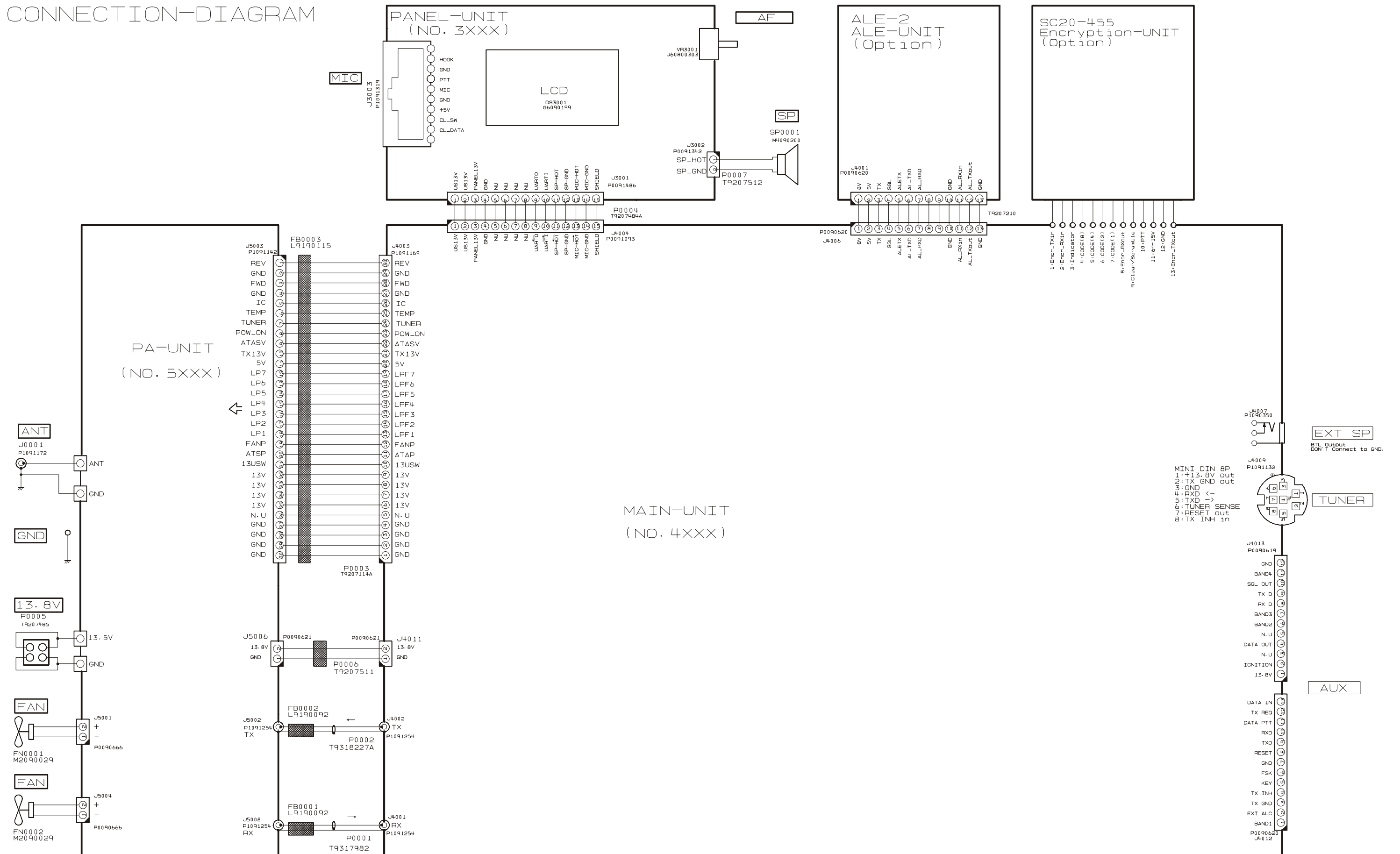
Note

BLOCK-DIAGRAM



Connection Diagram

CONNECTION-DIAGRAM



Introduction and Precautions

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

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

Those who undertake 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.

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

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

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

Required Test Equipment

- RF Signal Generator
- AF Signal Generator
- Spectrum Analyzer good to at least 1 GHz.
- Frequency Counter
- RF Millivoltmeter
- Digital DC Voltmeter (high-Z, 1 M-Ohm/V)
- DC Voltmeter
- DC Ammeter (20 A)
- Ohmmeter
- 50-Ohm Dummy Load (150 watts)
- 150-Ohm Dummy Load (150 watts)
- In-Line Wattmeter (100 watts, 50-Ohm)
- RF Sampling Coupler
- 4-Ohm AF Dummy Load (15 watts)
- IBM® PC / compatible Computer with Windows® Vista/XP/2000
- Vertex Standard VPL-1 or FIF-10 + CT-104A Programming Cable & CE111 Programming Software

Alignment Preparation & Precautions

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

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

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

Whenever possible, alignments should be made with oscillator shields and circuit boards firmly affixed in place.

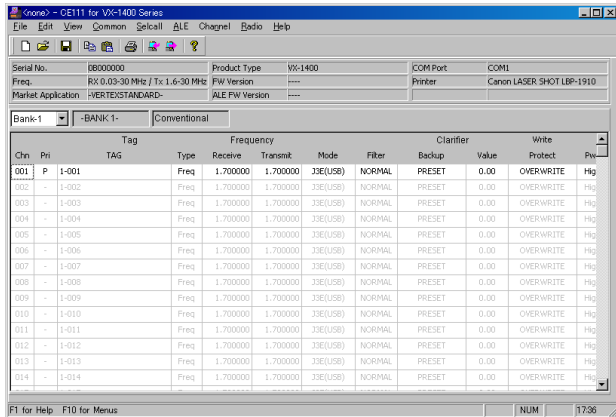
Note: Signal levels in dB referred to in this procedure are based on 0 dB μ = 0.5 μ V (closed circuit).

Caution: Do not connect the audio output line to ground, and be certain that the speaker has adequate capability to handle the audio output from the radio.

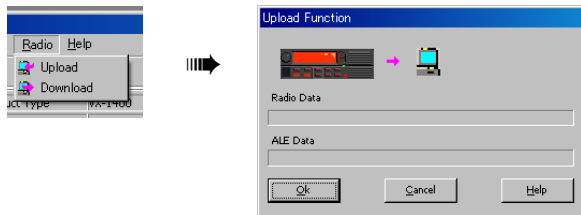
Alignment

Preparation

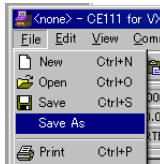
- Please back up the data of VX-1400 (following reference).



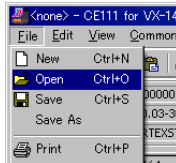
1. "Upload" function in the "Radio" menu of CE111.
2. Click on the [ON] button.



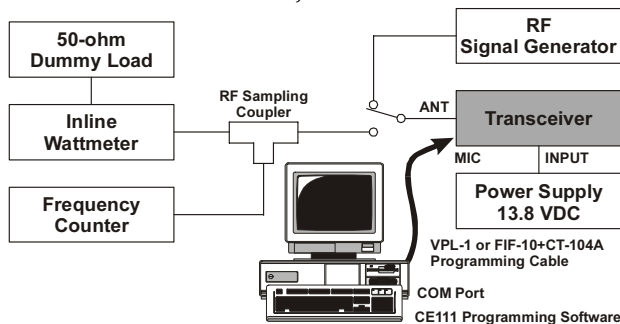
3. "Save As" function in the "File" menu of CE111.
4. "Save" function in the "File" menu of CE111.



- Please select "VX-1400 Alignment.c111" clicking "File"- "Open".



- Please select "Radio"- "Download" and return it to former data when the adjustment ends.



- Install the CE111 (Clone Editor) to your PC.
- Set the "VOL" of VX-1400 to the position of "12-o'clock".
- Connect the VX-1400 to a computer with a Clone cable.

PLL Reference Frequency Alignment

- Press and hold in the [P1], [P2], [P0] and [P3] keys, while turning the radio on, to enter the alignment mode.
- Connect the Frequency Counter to TP4044 on the MAIN Unit.
- Press the [▲] / [▼] key for 22.625 MHz ±1Hz on the Frequency Counter.
- Press and hold in the [MENU] button for 2 seconds to save the new settings and exit from the alignment mode.

2nd Local Carrier Output Level

- Connect the RF millivoltmeter to TP4039 on the MAIN Unit.
- Adjust T4017 on the MAIN Unit for maximum deflection on the RF millivoltmeter (more than 40 mVrms).

PLL VCV Voltage

- Connect the Digital DC voltmeter (high-Z) to TP4058 on the MAIN Unit.
- Referring to the table below, adjust the listed components for the required voltage, or confirm that the correct voltage is present on each frequency listed (It does again).

CH	VCO	Adjustment
010	VCO1	5.2 ± 0.1 V
011	VCO1	> 0.6 V
012	VCO2	5.2 ± 0.1 V
013	VCO2	> 0.6 V

TX IF Circuit (SSB/CW)

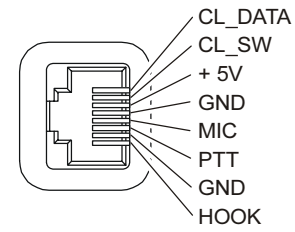
- Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT" jack.
- Disconnect the TMP plug from J4002 on the RF-IF-Unit, and then connect the RF millivoltmeter and 50 Ohm dummy load to J4002.
- Inject the 1 mV, 1 kHz audio signal to MIC Terminal of MIC jack.
- Press the [◀]/[▶], [▲] / [▼] button to select the "memory channel 015".
- Press the PTT button; adjust T4015, T4012, T4013, T4014, and T4011 on the MAIN-Unit for maximum deflection on the RF millivoltmeter (Please adjust it again).
- Disconnect the RF millivoltmeter and 50 Ohm dummy load from J4002 on the MAIN-Unit, then re-connect the TMP plug to J4002.

RX IF Circuit (SSB/CW)

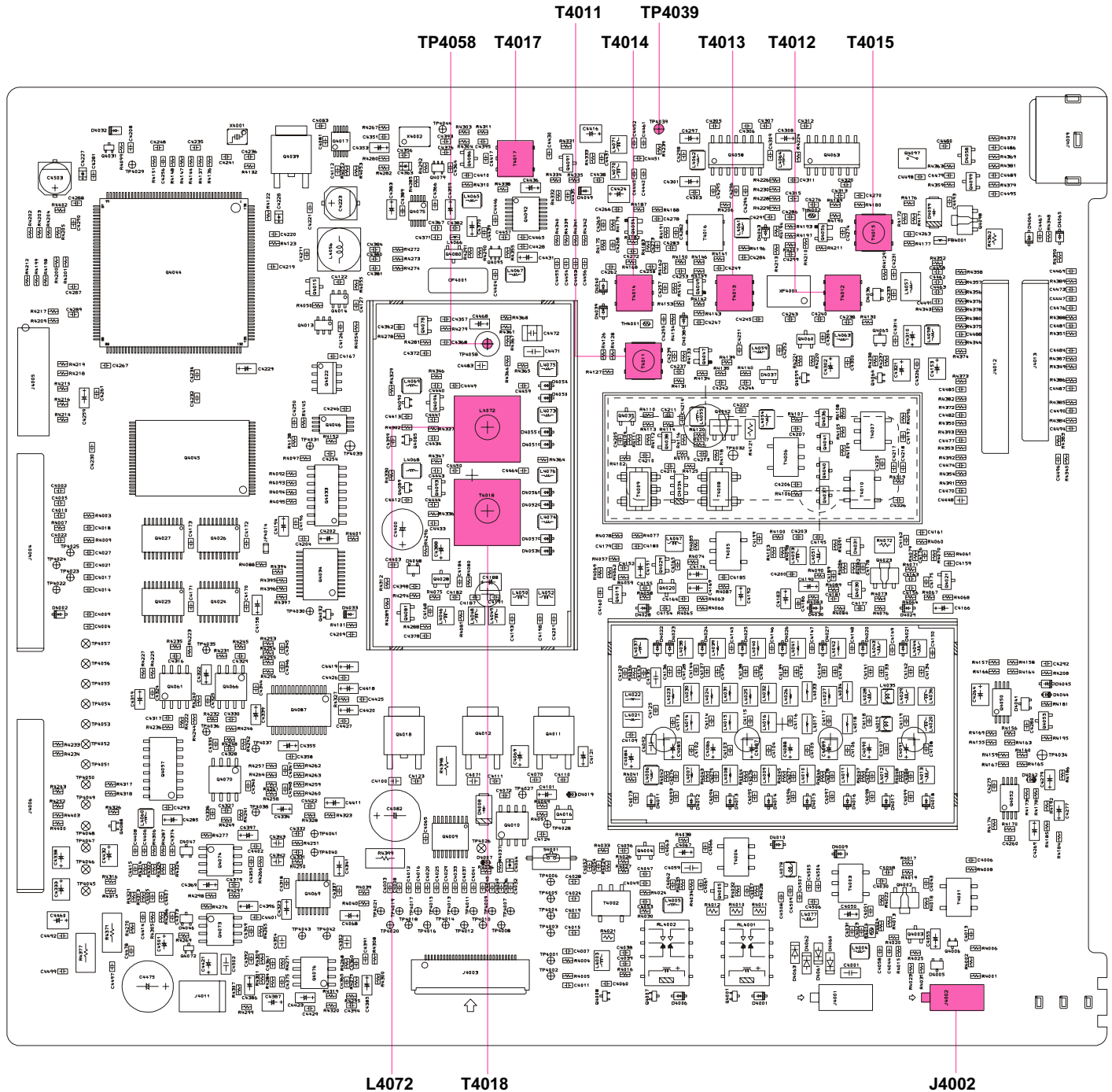
- Connect the AF millivoltmeter and 4 Ohm dummy load to the EXT SPKR jack.
- Connect the RF Signal Generator to the "ANT" jack,

and then set the output level to 0 dB μ V at the 19.9 MHz.

- ❑ Press the [▲]/[▼] button to select the "memory channel 017".
- ❑ Adjust T4016 on the MAIN-Unit for maximum deflection on the AF millivoltmeter.



MIC JACK PINOUT



MAIN UNIT ALIGNMENT POINTS

Alignment

PA Unit

Preparation

- Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT" jack.
- Disconnect the jumper plug from J5007 and J5005 on the PA Unit.
- Set VR5001, VR5002, VR5003, VR5004 and VR5005 on the PA Unit to fully counter clockwise position.
- Press the [▲]/[▼] button to select the "memory channel 019".

Pre-Drive Stage Idling Current

- Disconnect the jumper plug from J5007 and J5005 on the PA Unit, and then connect the DC ammeter to J5005.
- Press the PTT button; adjust VR5001 on the PA Unit so the DC ammeter reading is $150 \text{ mA} \pm 10 \text{ mA}$.
- Release the PTT button.

Drive Stage Idling Current

- Disconnect the jumper plug from J5007 on the PA Unit, and then connect the DC ammeter to J5007.
- Press the PTT button; adjust VR5002 on the PA Unit so that the DC ammeter reading is $0.5 \text{ A} \pm 50 \text{ mA}$.
- Release the PTT button.
- Press the PTT button; adjust VR5003 on the PA Unit so the DC ammeter reading is $1.0 \text{ A} \pm 50 \text{ mA}$.
- Release the PTT button.

Final Stage Idling Current

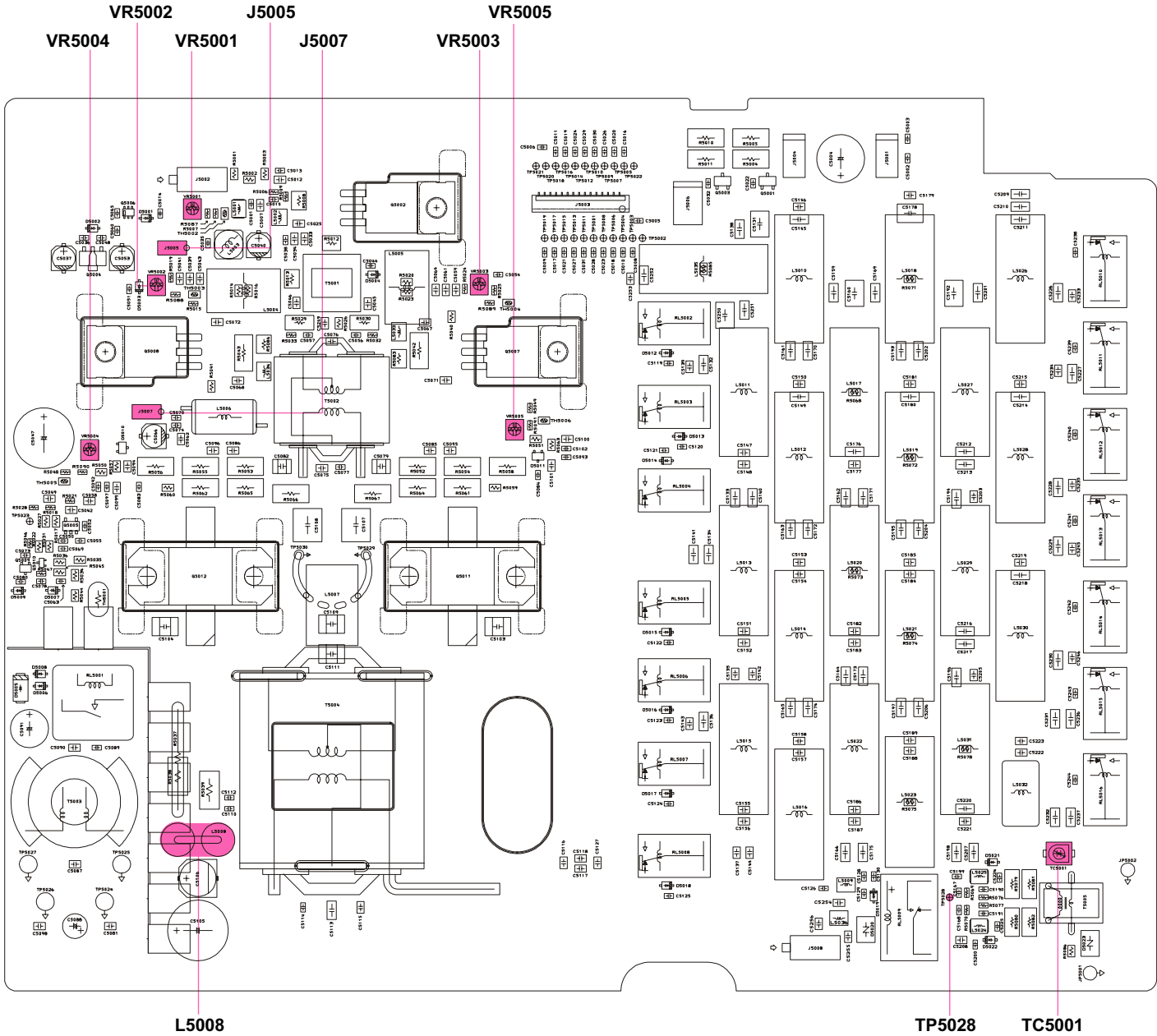
- Connect the DC ammeter to the lead of L5008.
- Press the PTT button; adjust VR5004 on the PA Unit so the DC ammeter reading is $1.0 \text{ A} \pm 100 \text{ mA}$.
- Release the PTT button.
- Press the PTT button; adjust VR5005 on the PA Unit so the DC ammeter reading is $2.0 \text{ A} \pm 100 \text{ mA}$.
- Release the PTT button.

Concluding

- Re-connect the jumper plugs to J5005 and J5007, and then solder the lead of L5008 (It cuts power switch).

CM Coupler Balance

- Connect the DC voltmeter between TP5028 (+ lead) on the PA Unit and Chassis (- lead).
- Press the [▲]/[▼] button to select the "memory channel 021".
- Press the PTT switch; adjust TC5001 on the PA Unit for minimum deflection on the DC voltmeter.
- Release the PTT switch.



PA UNIT ALIGNMENT POINTS

Alignment

Software Adjustment

ALC Adjustment

- ❑ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT" jack.
- ❑ Press and hold in the [P1], [P2], [P0] and [P3] keys, while turning the radio on, to enter the alignment mode.
- ❑ Press the [S2/2182] knob to select the alignment parameter "I-ALC".
- ❑ Confirm that the alignment value is "80".
- ❑ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.

Power Adjustment

- ❑ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT" jack.
- ❑ Press and hold in the [P1], [P2], [P0] and [P3] keys, while turning the radio on, to enter the alignment mode.
- ❑ Referring to the Table below, press the [S2/2182] key (or [S1/ALARM] key) to recall each parameter listed, then key the transmitter and press the [▲] / [▼] key for the required output.

PARAMETER	OUTPUT POWER	PARAMETER	OUTPUT POWER
1PO-H	100 W (± 5 W)	5PO-H	100 W (± 5 W)
1PO-MH	50 W (± 2 W)	5PO-MH	50 W (± 2 W)
1PO-ML	25 W (± 2 W)	5PO-ML	25 W (± 2 W)
1PO-L	10 W (± 1 W)	5PO-L	10 W (± 1 W)
2PO-H	100 W (± 5 W)	6PO-H	100 W (± 5 W)
2PO-MH	50 W (± 2 W)	6PO-MH	50 W (± 2 W)
2PO-ML	25 W (± 2 W)	6PO-ML	25 W (± 2 W)
2PO-L	10 W (± 1 W)	6PO-L	10 W (± 1 W)
3PO-H	100 W (± 5 W)	7PO-H	100 W (± 5 W)
3PO-MH	50 W (± 2 W)	7PO-MH	50 W (± 2 W)
3PO-ML	25 W (± 2 W)	7PO-ML	25 W (± 2 W)
3PO-L	10 W (± 1 W)	7PO-L	10 W (± 1 W)
4PO-H	100 W (± 5 W)		
4PO-MH	50 W (± 2 W)		
4PO-ML	25 W (± 2 W)		
4PO-L	10 W (± 1 W)		

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

TX Gain Adjustment

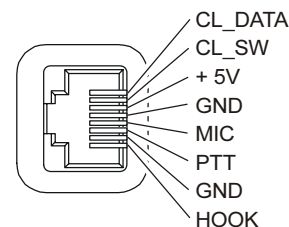
- ❑ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT" jack.
- ❑ Connect the Audio Generator to MIC Terminal of the MIC jack (GND Terminal), then set the output level to 1.5 mV @1 kHz.
- ❑ Press and hold in the [P1], [P2], [P0] and [P3] keys, while turning the radio on, to enter the alignment mode.
- ❑ Referring to the Table below, press the [S2/2182] key (or [S1/ALARM] key) to recall each parameter listed, then key the transmitter (connect PTT Terminal of the MIC jack to GND) and press the [▲] / [▼] key for the required output.

PARAMETER	OUTPUT POWER	PARAMETER	OUTPUT POWER
1TX-G-H	50 W (± 10 W)	1TX-G-L	5 W (± 2 W)
2TX-G-H	50 W (± 10 W)	2TX-G-L	5 W (± 2 W)
3TX-G-H	50 W (± 10 W)	3TX-G-L	5 W (± 2 W)
4TX-G-H	50 W (± 10 W)	4TX-G-L	5 W (± 2 W)
5TX-G-H	50 W (± 10 W)	5TX-G-L	5 W (± 2 W)
6TX-G-H	50 W (± 10 W)	6TX-G-L	5 W (± 2 W)
7TX-G-H	50 W (± 10 W)	7TX-G-L	5 W (± 2 W)

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

AM Carrier Level Adjustment

- ❑ Connect the 50-Ohm Dummy Load and Wattmeter to the "ANT" jack.
- ❑ Press and hold in the [P1], [P2], [P0] and [P3] keys, while turning the radio on, to enter the alignment mode.
- ❑ Press the [S2/2182] key (or [S1/ALARM] key) to select the alignment parameter "AMCAR".
- ❑ Press the PTT switch without the microphone audio input, then press the [▲] / [▼] key for 25 W±2 W on the Wattmeter.
- ❑ Release the PTT switch.
- ❑ Press and hold in the [MENU] button for 2 seconds to save the new setting and exit from the alignment mode.



MIC JACK PINOUT

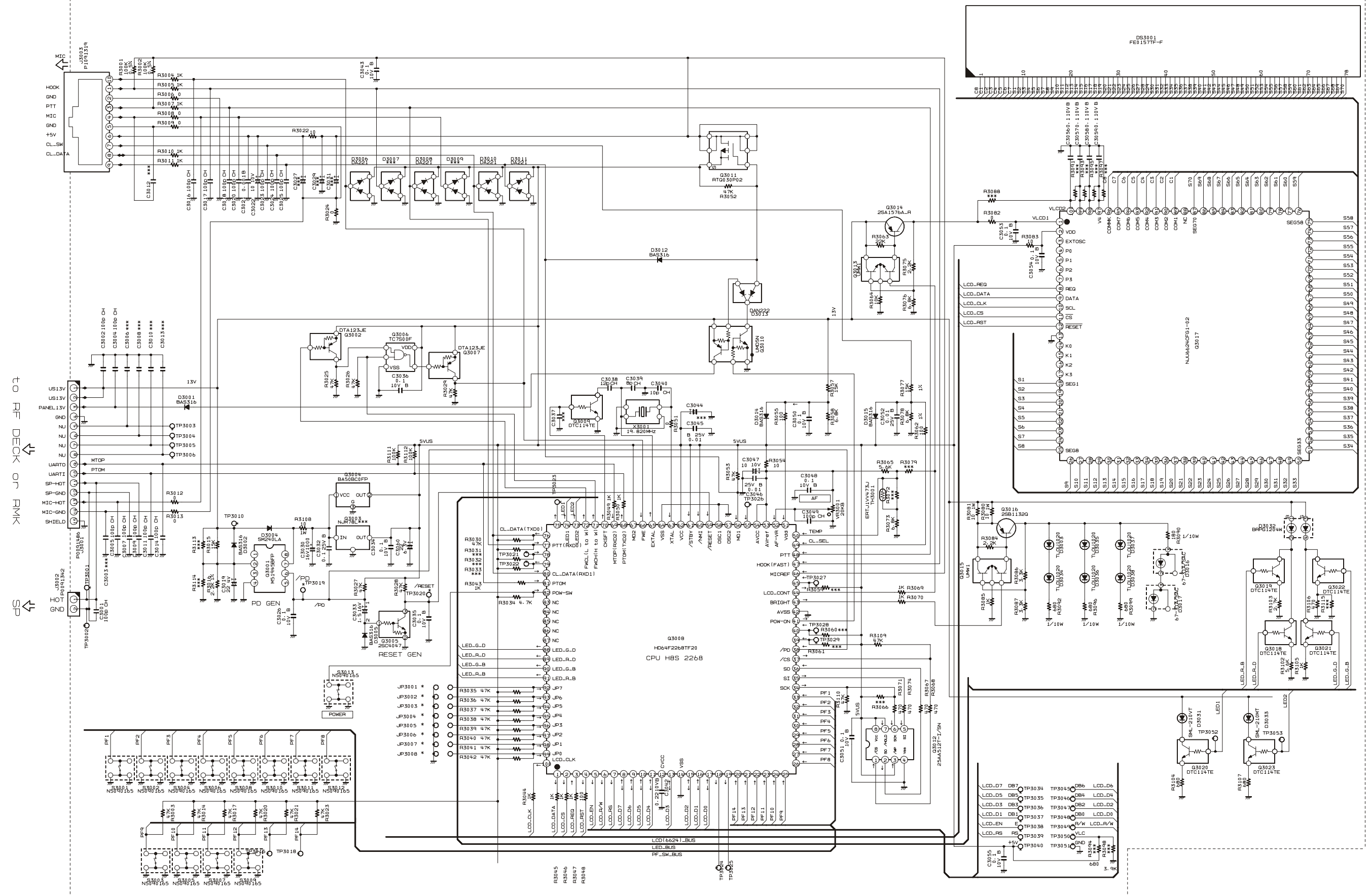
Reverse ALC Adjustment

- ❑ Connect the 150-Ohm Dummy Load to the "ANT" jack.
- ❑ Press and hold in the **[P1]**, **[P2]**, **[P0]** and **[P3]** keys, while turning the radio on, to enter the alignment mode.
- ❑ Press the **[S2/2182]** key (or **[S1/ALARM]** key) to select the alignment parameter "1R-ALC".
- ❑ Press the PTT switch, then press the **[▲]** / **[▼]** key for 50 W on the PO meter of the VX-1400.
- ❑ Release the PTT switch.
- ❑ RPress the **[S2/2182]** key (or **[S1/ALARM]** key) to select the alignment parameter "2R-ALC".
- ❑ Press the PTT switch, then press the **[▲]** / **[▼]** key for 50 W on the PO meter of the VX-1400.
- ❑ Release the PTT switch.
- ❑ Press the **[S2/2182]** key (or **[S1/ALARM]** key) to select the alignment parameter "3R-ALC".
- ❑ Press the PTT switch, then press the **[▲]** / **[▼]** key for 50 W on the PO meter of the VX-1400.
- ❑ Release the PTT switch.
- ❑ Press and hold in the **[MENU]** button for 2 seconds to save the new settings and exit from the alignment mode.

Alignment

Note

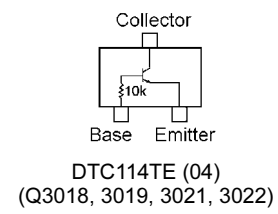
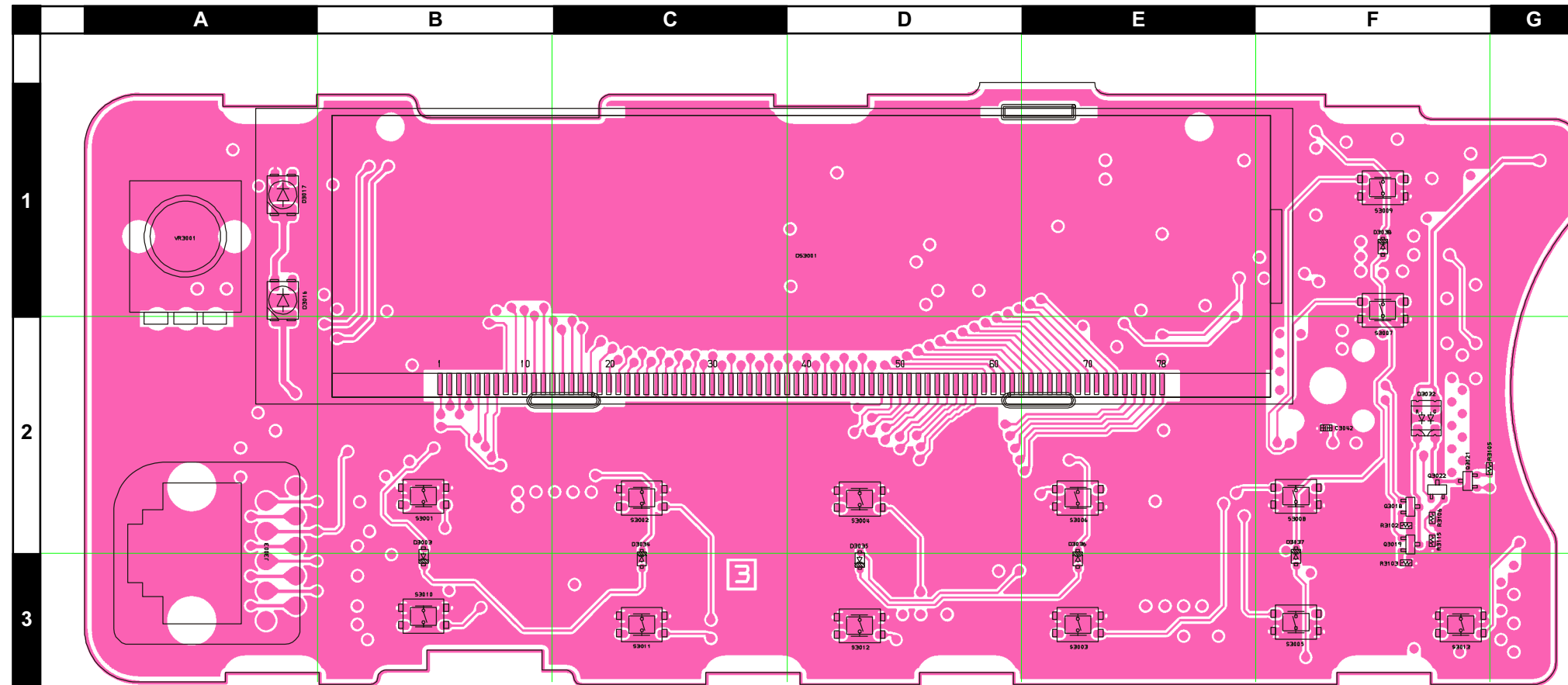
PANEL-UNIT BR0 19780D (3001-3449)



PANEL Unit

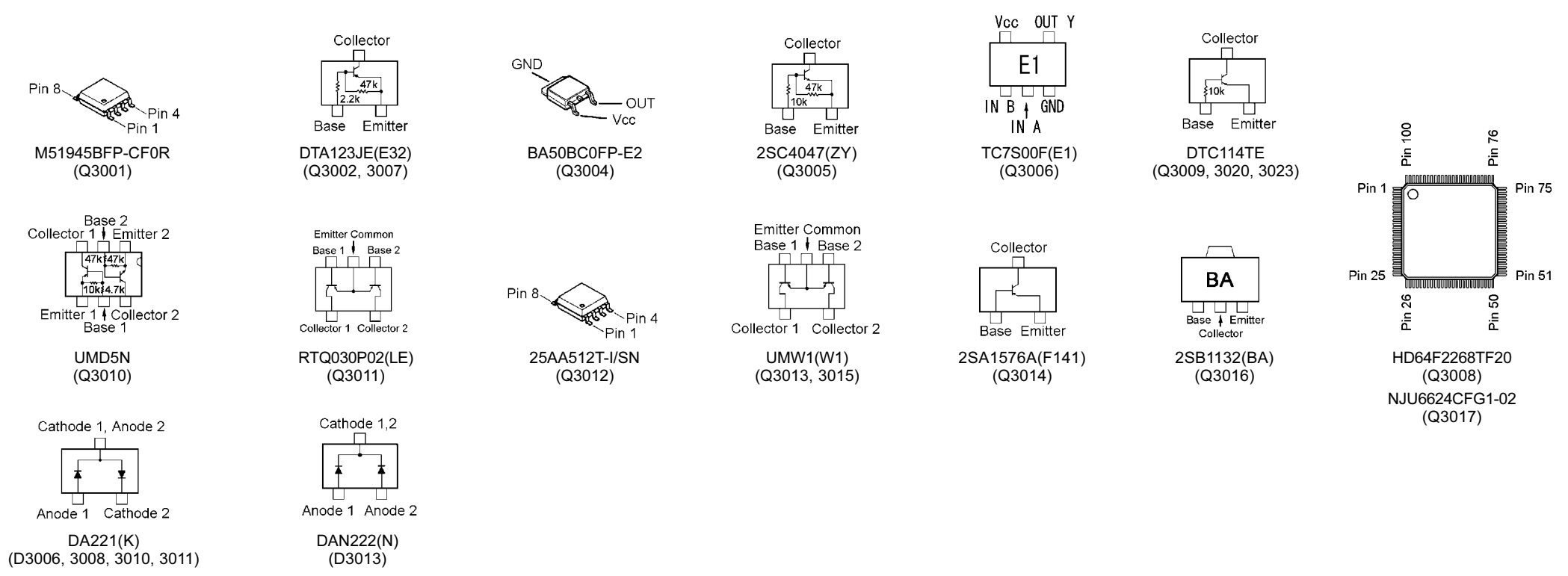
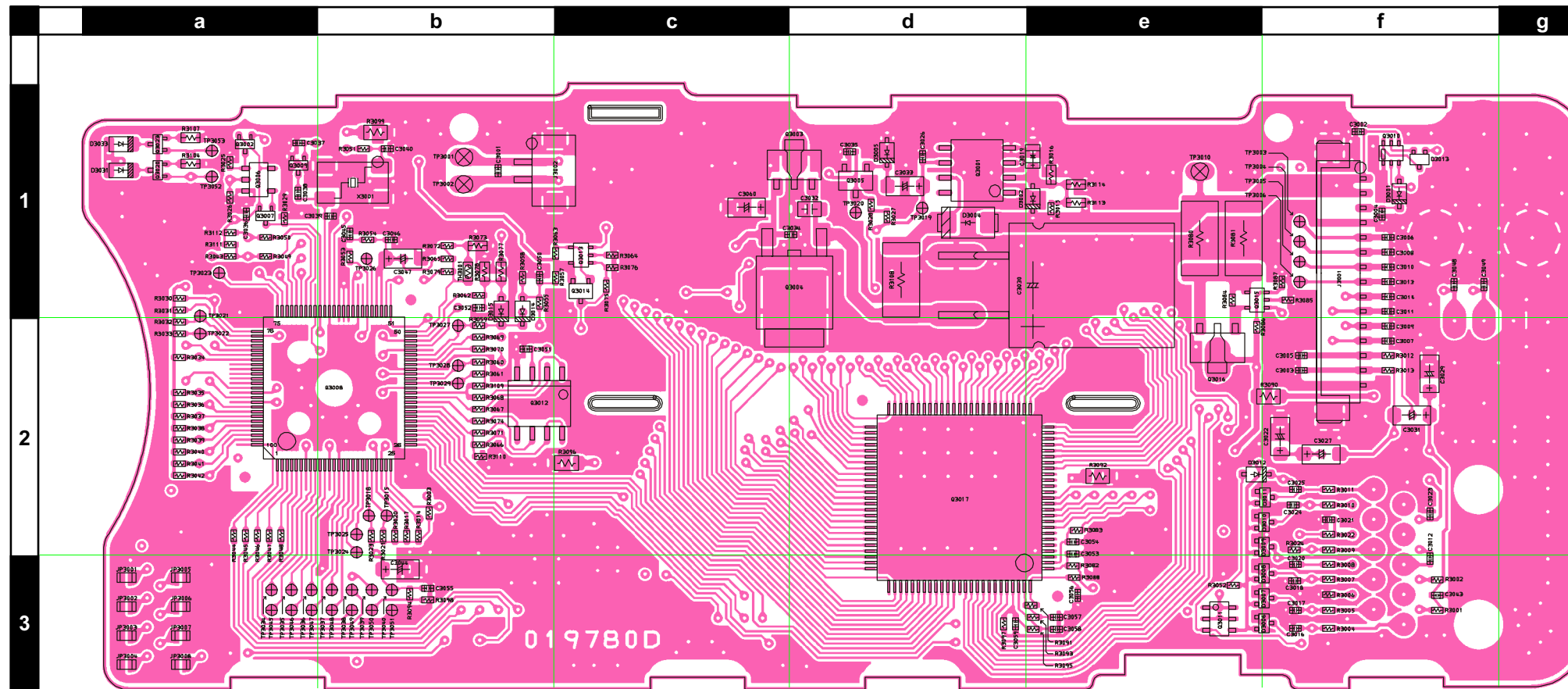
Note

Parts Layout (Side A)



PANEL Unit

Parts Layout (Side B)



REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR	
PCB with Components						CS2055401					
Printed Circuit Board						FR019780D				1-	
C 3001	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	b1	
C 3002	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f1	
C 3004	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f1	
C 3005	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f2	
C 3007	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f2	
C 3009	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f1	
C 3011	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f1	
C 3014	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f1	
C 3016	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f3	
C 3017	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f3	
C 3018	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f3	
C 3019	CHIP TA.CAP.	22uF	4V		TEESVP0G226M8R	K78060047		1-	B	e1	
C 3020	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f2	
C 3021	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	B	f2	
C 3022	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	B	f2	
C 3023	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f2	
C 3024	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f2	
C 3025	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f2	
C 3026	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d1	
C 3030	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	B	d1	
C 3032	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	B	d1	
C 3033	CHIP TA.CAP.	1.5uF	16V		TEESVA1C155M8R	K78120020		1-	B	d1	
C 3034	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d1	
C 3035	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d1	
C 3036	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	a1	
C 3038	CHIP CAP.	12pF	50V	CH	GRM1552C1H120JZ01D	K22178214		1-	B	a1	
C 3039	CHIP CAP.	8pF	50V	CH	GRM1552C1H8R0DZ01D	K22178210		1-	B	b1	
C 3040	CHIP CAP.	10pF	50V	CH	UMK105CH100DV-F	K22178258		1-	B	b1	
C 3042	CHIP CAP.	0.22uF	10V	B	GRM155B31A224KE18D	K22108808		1-	A	F2	
C 3043	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f3	
C 3045	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1	
C 3046	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1	
C 3047	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	B	b1	
C 3048	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	f1	
C 3049	CHIP CAP.	100pF	50V	CH	GRM1552C1H101JD01D	K22178236		1-	B	f1	
C 3050	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b1	
C 3051	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b2	
C 3052	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	B	b1	
C 3053	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2	
C 3054	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e2	
C 3055	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	b3	
C 3056	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e3	
C 3057	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e3	
C 3058	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	e3	
C 3059	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	B	d3	
C 3060	CHIP TA.CAP.	22uF	6.3V		TEESVA0J226M8R	K78080047		1-	B	c1	
D 3001	DIODE				BAS316	G2070716		1-	B	f1	
D 3002	DIODE				BAS316	G2070716		1-	B	e1	
D 3003	LED				TLOU1020(T14.F)	G2070990		1-	A	B2	
D 3004	DIODE				SM240LA-T	G2071156		1-	B	d1	
D 3005	DIODE				BAS316	G2070716		1-	B	d1	
D 3006	DIODE				DA221 TL	G2070178		1-	B	f3	
D 3008	DIODE				DA221 TL	G2070178		1-	B	f3	
D 3010	DIODE				DA221 TL	G2070178		1-	B	f2	
D 3011	DIODE				DA221 TL	G2070178		1-	B	f2	
D 3012	DIODE				BAS316	G2070716		1-	B	e2	
D 3013	DIODE				DAN222 TL	G2070174		1-	B	f1	
D 3014	DIODE				BAS316	G2070716		1-	B	b1	
D 3015	DIODE				BAS316	G2070716		1-	B	b1	
D 3016	LED				67-31A/SAC-AW1X2B9Z5/2T	G2071284		1-	A	A1	
D 3017	LED				67-31A/SAC-AW1X2B9Z5/2T	G2071284		1-	A	A1	
D 3031	LED				SML-210VTT86	G2070768		1-	B	a1	
D 3032	LED				BRPG1204W(TAPE)	G2070820		1-	A	F2	
D 3033	LED				SML-210MTT86	G2070524		1-	B	a1	
D 3034	LED				TLOU1020(T14.F)	G2070990		1-	A	C2	
D 3035	LED				TLOU1020(T14.F)	G2070990		1-	A	D2	
D 3036	LED				TLOU1020(T14.F)	G2070990		1-	A	E2	
D 3037	LED				TLOU1020(T14.F)	G2070990		1-	A	F2	
D 3038	LED				TLOU1020(T14.F)	G2070990		1-	A	F1	

PANEL Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
DS3001	LCD				FE0157TF-F	G6090199		1-	A	D1
J 3001	CONNECTOR				53398-1571	P0091486		1-	B	f1
J 3002	CONNECTOR				B2B-ZR-SM4-TFT(LF)(SN)	P0091342		1-	B	b1
J 3003	CONNECTOR				43090-1505	P1091319		1-	A	A2
JP3008	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000	EXPORT	1-	B	a3
Q 3001	IC				M51945BFP-CF0R	G1091990		1-	B	d1
Q 3002	TRANSISTOR				DTA123JE TL	G3070331		1-	B	a1
Q 3004	IC				BA50BC0FP-E2	G1094732		1-	B	d1
Q 3005	TRANSISTOR				2SC4047-TA	G3340477		1-	B	d1
Q 3006	IC				TC7S00F TE85R	G1091442		1-	B	a1
Q 3007	TRANSISTOR				DTA123JE TL	G3070331		1-	B	a1
Q 3008	IC				HD64F2268TF20(FLASH)	G1094580		1-	B	b2
Q 3009	TRANSISTOR				DTC114TE TL	G3070225		1-	B	a1
Q 3010	TRANSISTOR				UMD5N TR	G3070343		1-	B	f1
Q 3011	FET				RTQ030P02	G4070015		1-	B	e3
Q 3012	IC				25AA512T-I/SN	G1094726		1-	B	b2
Q 3013	TRANSISTOR				UMW1 TR	G3070078		1-	B	c1
Q 3014	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	B	c1
Q 3015	TRANSISTOR				UMW1 TR	G3070078		1-	B	e1
Q 3016	TRANSISTOR				2SB1132 T100 Q	G3211327Q		1-	B	e2
Q 3017	IC				NJU6624CFG1-02	G1094702		1-	B	d2
Q 3018	TRANSISTOR				DTC114TE TL	G3070225		1-	A	F2
Q 3019	TRANSISTOR				DTC114TE TL	G3070225		1-	A	F2
Q 3020	TRANSISTOR				DTC114TE TL	G3070225		1-	B	a1
Q 3021	TRANSISTOR				DTC114TE TL	G3070225		1-	A	F2
Q 3022	TRANSISTOR				DTC114TE TL	G3070225		1-	A	F2
Q 3023	TRANSISTOR				DTC114TE TL	G3070225		1-	B	a1
R 3001	CHIP RES.	100k	1/16W	0.5%	RR0510R-104-D	J24189167		1-	B	f3
R 3002	CHIP RES.	100k	1/16W	0.5%	RR0510R-104-D	J24189167		1-	B	f3
R 3003	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3004	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f3
R 3005	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f3
R 3006	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f3
R 3007	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f3
R 3008	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f2
R 3009	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f2
R 3010	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f2
R 3011	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f2
R 3012	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f2
R 3013	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f2
R 3014	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3015	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	e1
R 3016	CHIP RES.	2.2k	1/16W	1%	RMC1/16 222FTP	J24183222		1-	B	e1
R 3017	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3020	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3021	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3022	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	f2
R 3023	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3024	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	f2
R 3025	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 3026	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 3027	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	d1
R 3028	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	d1
R 3029	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 3030	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a1
R 3034	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	B	a2
R 3035	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3036	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3037	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3038	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3039	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3040	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3041	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3042	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	a2
R 3043	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 3044	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a2
R 3045	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a2
R 3046	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a2
R 3047	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a2
R 3048	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	a2
R 3049	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1

PANEL Unit

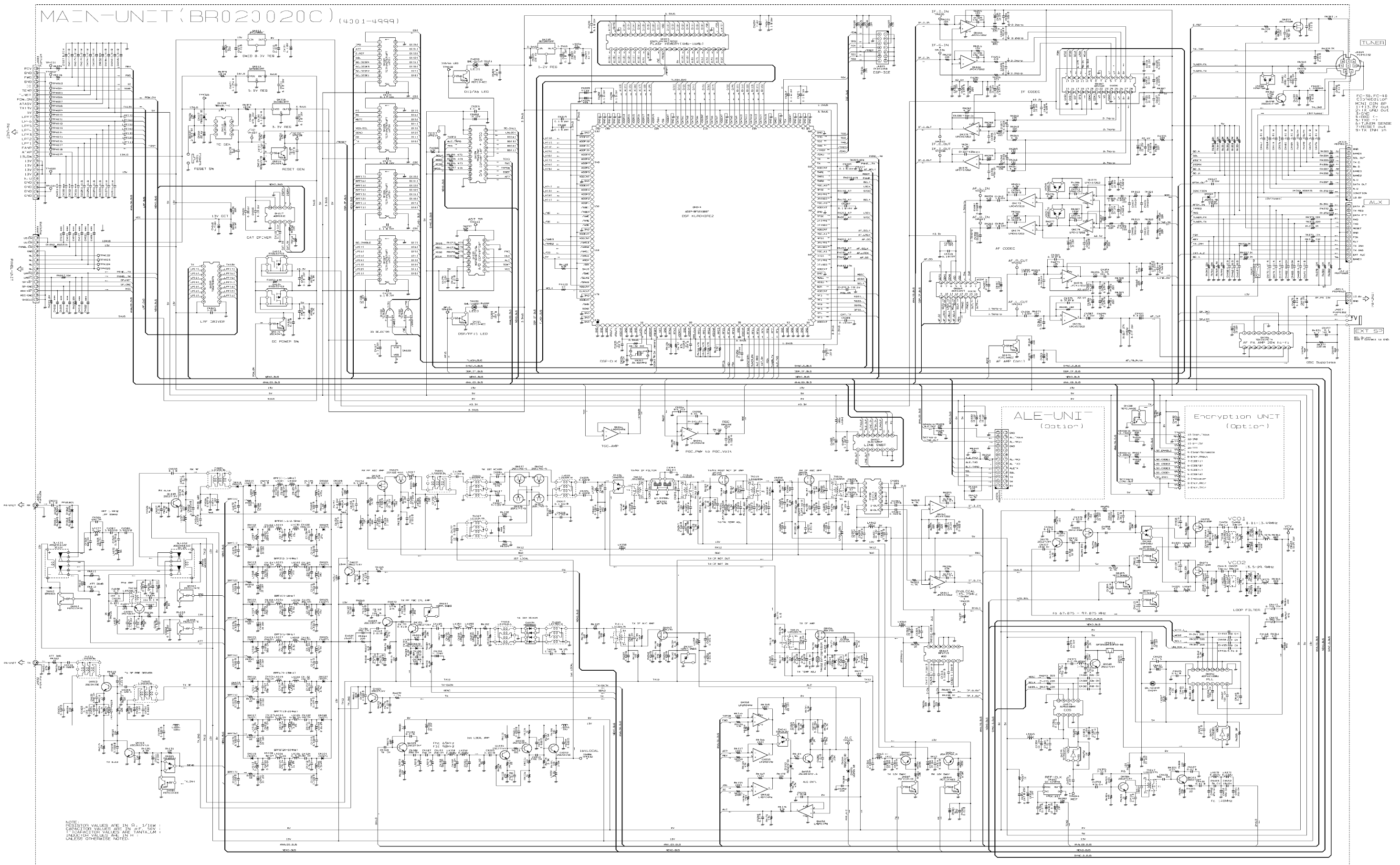
Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 3050	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	a1
R 3051	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	b1
R 3052	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	e3
R 3053	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b1
R 3054	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	b1
R 3055	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	b1
R 3057	CHIP RES.	15k	1/16W	5%	RMC1/16S 153JTH	J24189039		1-	B	c1
R 3058	CHIP RES.	6.8k	1/16W	5%	RMC1/16S 682JTH	J24189035		1-	B	b1
R 3062	CHIP RES.	100	1/16W	5%	RMC1/16S 101JTH	J24189013		1-	B	b1
R 3063	CHIP RES.	22k	1/16W	5%	RMC1/16S 223JTH	J24189041		1-	B	c1
R 3064	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	B	c1
R 3065	CHIP RES.	5.6k	1/16W	5%	RMC1/16S 562JTH	J24189034		1-	B	b1
R 3067	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	b2
R 3068	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	b2
R 3069	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b2
R 3070	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	b2
R 3071	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	b2
R 3073	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	B	b1
R 3074	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	B	b2
R 3075	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	c1
R 3076	CHIP RES.	6.8k	1/16W	5%	RMC1/16S 682JTH	J24189035		1-	B	c1
R 3077	CHIP RES.	15k	1/16W	1%	RMC1/16 153FTP	J24183153		1-	B	b1
R 3078	CHIP RES.	6.8k	1/16W	1%	RMC1/16 682FTP	J24183682		1-	B	b1
R 3080	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	B	e1
R 3081	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	B	e1
R 3082	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	B	e2
R 3083	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	B	e2
R 3084	CHIP RES.	2.2k	1/16W	5%	RMC1/16S 222JTH	J24189029		1-	B	e1
R 3085	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	B	f1
R 3086	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	e1
R 3087	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	B	f1
R 3090	CHIP RES.	180	1/10W	5%	RMC1/10T 181J	J24205181		1-	B	f2
R 3092	CHIP RES.	680	1/10W	5%	RMC1/10T 681J	J24205681		1-	B	e2
R 3096	CHIP RES.	680	1/10W	5%	RMC1/10T 681J	J24205681		1-	B	c2
R 3099	CHIP RES.	680	1/10W	5%	RMC1/10T 681J	J24205681		1-	B	b1
R 3102	CHIP RES.	5.6k	1/16W	5%	RMC1/16S 562JTH	J24189034		1-	A	F2
R 3103	CHIP RES.	2.7k	1/16W	5%	RMC1/16S 272JTH	J24189030		1-	A	F2
R 3104	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	B	a1
R 3105	CHIP RES.	1k	1/16W	5%	RMC1/16S 102JTH	J24189025		1-	A	F2
R 3106	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	F2
R 3107	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	B	a1
R 3108	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	B	d1
R 3109	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3110	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	B	b2
R 3111	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a1
R 3112	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	B	a1
S 3001	TACT SWITCH				EVPA202K	N5090165		1-	A	B2
S 3002	TACT SWITCH				EVPA202K	N5090165		1-	A	C2
S 3003	TACT SWITCH				EVPA202K	N5090165		1-	A	E3
S 3004	TACT SWITCH				EVPA202K	N5090165		1-	A	D2
S 3005	TACT SWITCH				EVPA202K	N5090165		1-	A	F3
S 3006	TACT SWITCH				EVPA202K	N5090165		1-	A	E2
S 3007	TACT SWITCH				EVPA202K	N5090165		1-	A	F1
S 3008	TACT SWITCH				EVPA202K	N5090165		1-	A	F2
S 3009	TACT SWITCH				EVPA202K	N5090165		1-	A	F1
S 3010	TACT SWITCH				EVPA202K	N5090165		1-	A	B3
S 3011	TACT SWITCH				EVPA202K	N5090165		1-	A	C3
S 3012	TACT SWITCH				EVPA202K	N5090165		1-	A	D3
S 3013	TACT SWITCH				EVPA202K	N5090165		1-	A	F3
TH3001	THERMISTOR				ERTJ1VV473J	G9090122		1-	B	b1
VR3001	POT.				RH96N1100 19F B203 RY8855		J60800303		1-	A A1
X 3001	XTAL TSS-6035B	19.82MHZ			19.820MHZ	H0103262A		1-	B	b1
	LIGHT GUIDE				(LCD)	RA1137900		1-		
	HOLDER				(LCDGUIDE)	RA1139800		1-		
	REFLECTOR SHEET				(LCD)	RA1142900		1-		
	RUBBER CONNECTOR				(LCD)	RA1130800		1-		
	LCD HOLDER				(LCD)	RA1130900		1-		
	SPONGE RUBBER				(LCD)	RA1142700		1-		
	DIFFUSER SHEET				(LCD)	RA1167000		1-		

PANEL Unit

Note

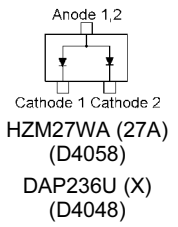
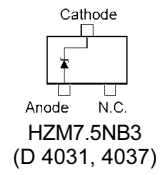
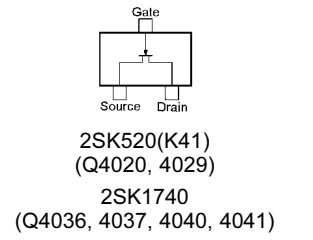
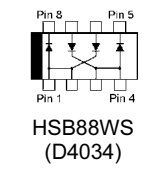
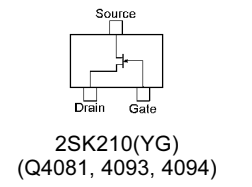
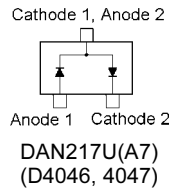
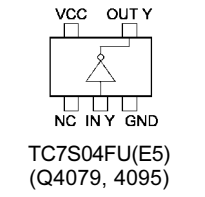
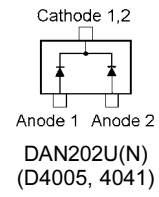
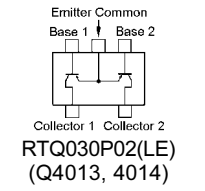
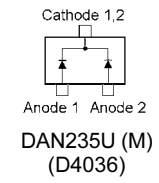
MAIN Unit Circuit Diagram

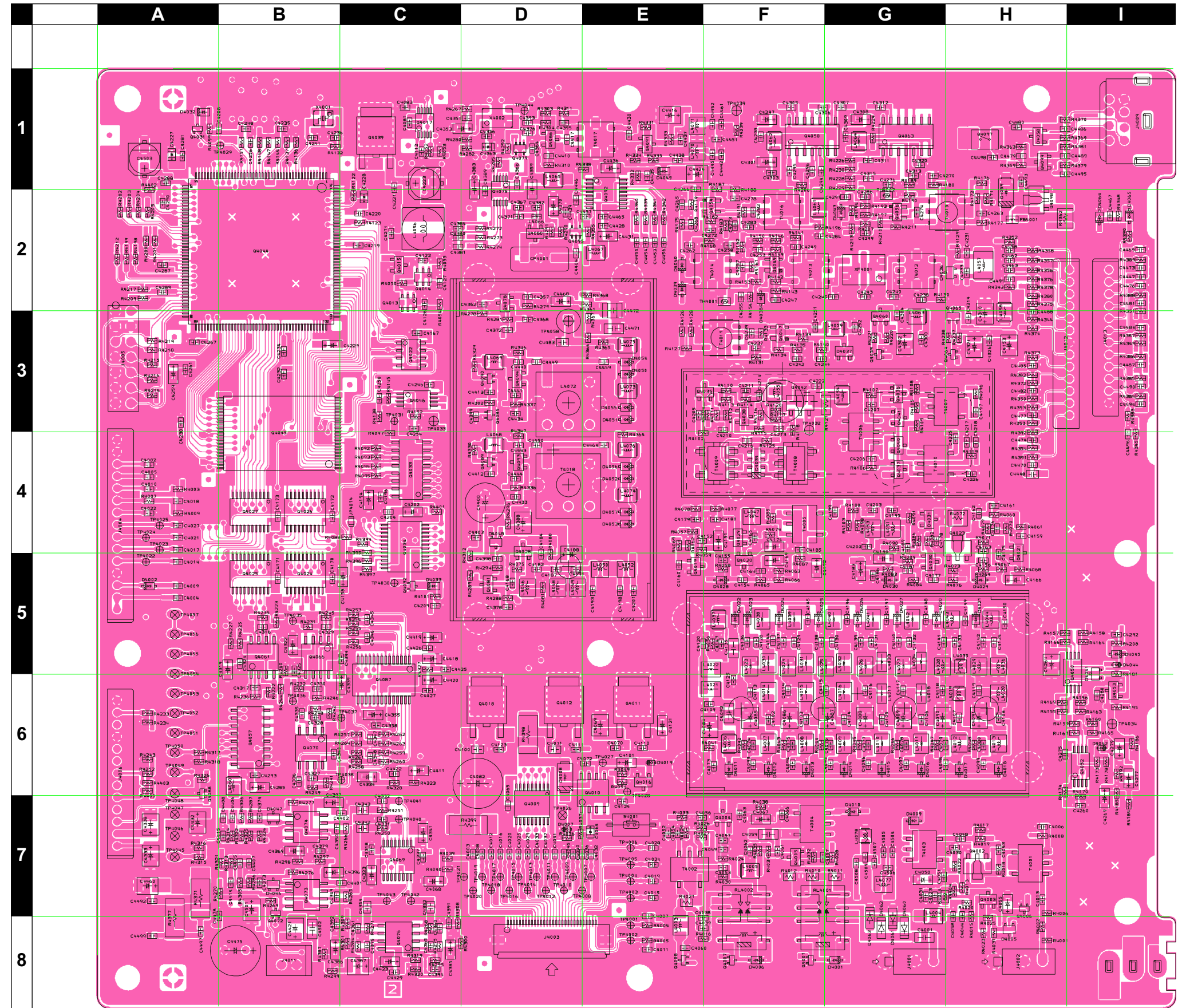
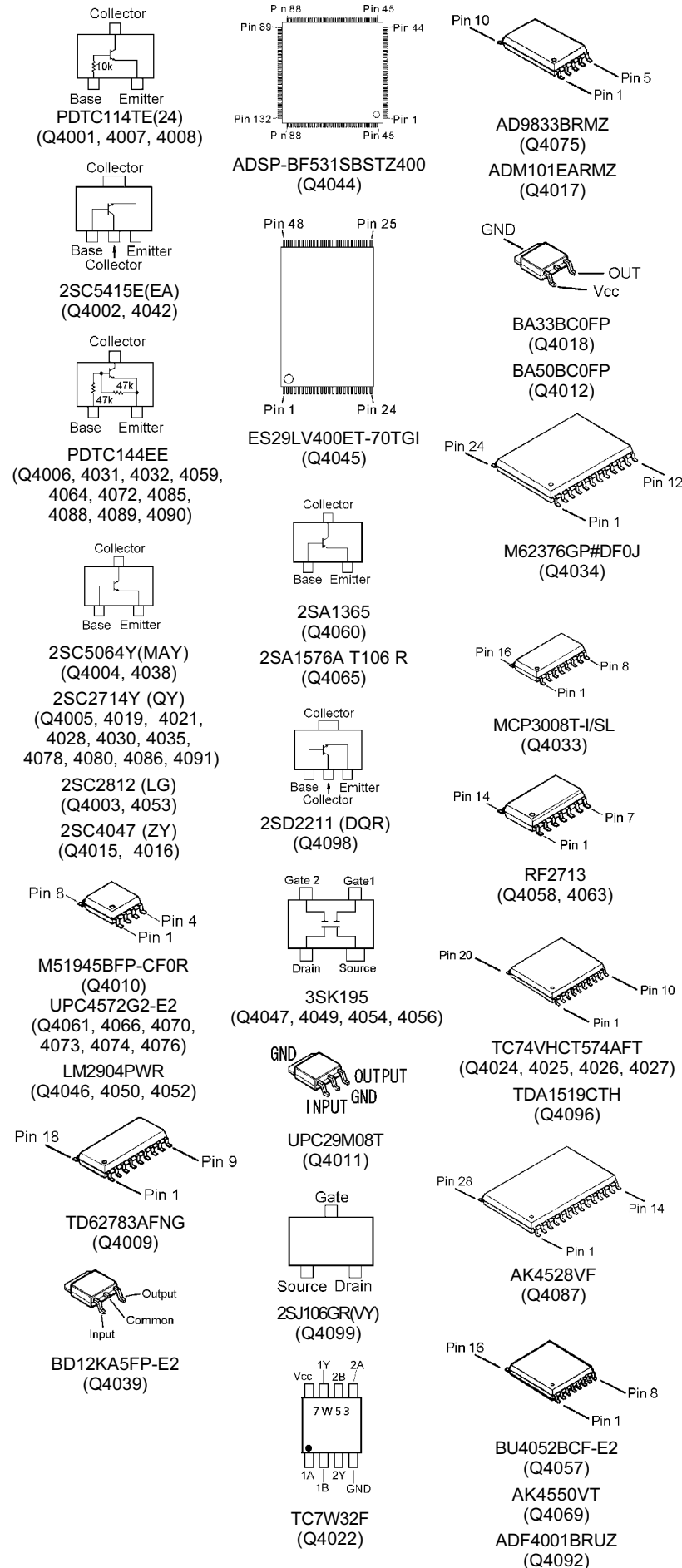


NOTE:
RESISTOR VALUES ARE IN Ω, 1/10W
CAPACITOR VALUES ARE IN pF
UNLESS OTHERWISE NOTED.

MAIN Unit

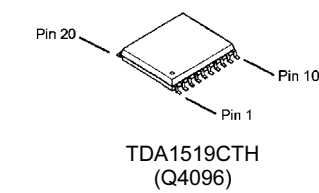
Note





MAIN Unit

Parts Layout (Side B)



REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR	
PCB with Components						CS2057701					
Printed Circuit Board						FR020020C				1-	
C 4001	CHIP CAP.	0.1uF	50V	B	GRM42-6B104K50PT	K22171820		1-	A	G8	
C 4006	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H7	
C 4007	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7	
C 4011	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E8	
C 4013	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H7	
C 4015	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7	
C 4019	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7	
C 4020	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4023	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G7	
C 4024	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7	
C 4025	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4028	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7	
C 4029	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4030	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	H7	
C 4031	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G7	
C 4033	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4036	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E7	
C 4037	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4038	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F7	
C 4039	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F8	
C 4040	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4041	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4043	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H7	
C 4044	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H7	
C 4045	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4047	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F7	
C 4048	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H7	
C 4049	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F7	
C 4050	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	G7	
C 4051	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G7	
C 4052	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E7	
C 4053	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F7	
C 4054	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E7	
C 4055	CHIP TA.CAP.	2.2uF	16V		TEESVA1C225M8R	K78120015		1-	A	H7	
C 4056	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E7	
C 4057	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F7	
C 4058	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H7	
C 4059	CHIP CAP.	0.1uF	50V	B	GRM42-6B104K50PT	K22171820		1-	A	F7	
C 4060	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E8	
C 4061	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F7	
C 4062	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F7	
C 4063	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F7	
C 4064	CHIP TA.CAP.	22uF	4V		TEESVP0G226M8R	K78060047		1-	A	E7	
C 4065	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D7	
C 4066	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F7	
C 4067	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	F7	
C 4068	CHIP TA.CAP.	4.7uF	16V		TEESVA1C475M8R	K78120031		1-	A	C7	
C 4069	CHIP TA.CAP.	4.7uF	25V		TEESVB21E475M8R	K78140019		1-	A	E6	
C 4070	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E6	
C 4071	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	D6	
C 4072	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E6	
C 4073	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F6	
C 4074	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F6	
C 4075	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F6	
C 4076	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G6	
C 4077	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G6	
C 4078	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G6	

MAIN Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 4079	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H6
C 4080	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H6
C 4081	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 4082	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471MG3#	K40129066		1-	A	D6
C 4083	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 4084	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	F6
C 4085	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	F6
C 4086	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	F6
C 4087	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	G6
C 4088	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	G6
C 4089	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	G6
C 4090	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	G6
C 4091	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	H6
C 4092	CHIP CAP.	0.1uF	50V	B	GRM42-6B104K50PT	K22171820		1-	A	F6
C 4093	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	F6
C 4094	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	F6
C 4095	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	G6
C 4096	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	G6
C 4097	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G6
C 4098	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	H6
C 4099	CHIP CAP.	0.5pF	50V	CK	GRM1884C1HR50CZ01D	K22174201		1-	A	H6
C 4100	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	D6
C 4101	CHIP TA.CAP.	1.5uF	16V		TEESVA1C155M8R	K78120020		1-	A	E6
C 4102	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F6
C 4103	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	F6
C 4104	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	G6
C 4105	CHIP CAP.	24pF	50V	CH	GRM1882C1H240JZ01D	K22174220		1-	A	G6
C 4106	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	G6
C 4107	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	H6
C 4108	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DZ01D	K22174209		1-	A	H6
C 4109	CHIP CAP.	200pF	50V	CH	GRM1882C1H201JA01D	K22174242		1-	A	F6
C 4110	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E6
C 4111	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D6
C 4112	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 4113	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	F6
C 4114	CHIP CAP.	330pF	50V	CH	GRM1882C1H331JA01D	K22174253		1-	A	F6
C 4115	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	G6
C 4116	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	G6
C 4117	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	G6
C 4118	CHIP CAP.	75pF	50V	CH	GRM1882C1H750JZ01D	K22174232		1-	A	G6
C 4119	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	H6
C 4120	CHIP CAP.	360pF	50V	CH	GRM1882C1H361JA01D	K22174254		1-	A	F5
C 4121	CHIP TA.CAP.	4.7uF	16V		TEESVA1C475M8R	K78120031		1-	A	E6
C 4122	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C2
C 4123	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D6
C 4124	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	E6
C 4125	CHIP CAP.	200pF	50V	CH	GRM1882C1H201JA01D	K22174242		1-	A	F5
C 4126	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 4127	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 4128	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F5
C 4129	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	F5
C 4130	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	G5
C 4131	CHIP CAP.	24pF	50V	CH	GRM1882C1H240JZ01D	K22174220		1-	A	G5
C 4132	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	G5
C 4133	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	H5
C 4134	CHIP CAP.	8pF	50V	CH	GRM1882C1H8R0DZ01D	K22174209		1-	A	H5
C 4135	CHIP CAP.	0.1uF	50V	B	GRM42-6B104K50PT	K22171820		1-	A	F5
C 4136	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	F5
C 4137	CHIP CAP.	150pF	50V	CH	GRM1882C1H151JA01D	K22174239		1-	A	F5

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 4138	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	F5
C 4139	CHIP CAP.	62pF	50V	CH	GRM1882C1H620JZ01D	K22174230		1-	A	G5
C 4140	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	G5
C 4141	CHIP CAP.	12pF	50V	CH	GRM1882C1H120JA01D	K22174213		1-	A	G5
C 4142	CHIP CAP.	0.5pF	50V	CK	GRM1884C1HR50CZ01D	K22174201		1-	A	H5
C 4143	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F5
C 4144	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F5
C 4145	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F5
C 4146	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G5
C 4147	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G5
C 4148	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G5
C 4149	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H5
C 4150	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H5
C 4151	CHIP TA.CAP.	2.2uF	16V		TEESVA1C225M8R	K78120015		1-	A	F4
C 4152	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	E4
C 4153	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	H3
C 4154	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F5
C 4155	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F5
C 4156	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	H5
C 4158	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C5
C 4159	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H4
C 4160	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E5
C 4161	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H4
C 4162	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H4
C 4163	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 4164	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F5
C 4165	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F4
C 4166	CHIP TA.CAP.	2.2uF	16V		TEESVA1C225M8R	K78120015		1-	A	H5
C 4167	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C3
C 4168	CHIP CAP.	7pF	50V	CH	GRM1882C1H7R0DZ01D	K22174208		1-	A	D5
C 4169	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	F5
C 4170	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 4171	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B5
C 4172	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 4173	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B4
C 4174	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	F4
C 4175	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H4
C 4176	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 4177	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G5
C 4178	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G4
C 4179	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E4
C 4180	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F4
C 4181	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	G5
C 4182	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D5
C 4183	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	G5
C 4184	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 4185	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F4
C 4186	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	G5
C 4187	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	D5
C 4188	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	D4
C 4189	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G4
C 4190	CHIP TA.CAP.	4.7uF	16V		TEESVA1C475M8R	K78120031		1-	A	G4
C 4191	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	D5
C 4192	CHIP TA.CAP.	4.7uF	16V		TEESVA1C475M8R	K78120031		1-	A	F5
C 4193	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	E5
C 4194	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C4
C 4195	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	G4
C 4196	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 4197	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H3

MAIN Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
C 4198	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	E5
C 4199	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G4
C 4200	CHIP CAP.	180pF	50V	CH	GRM1882C1H181JA01D	K22174241		1-	A	G4
C 4201	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	E5
C 4202	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C4
C 4203	CHIP CAP.	120pF	50V	CH	GRM1882C1H121JA01D	K22174237		1-	A	G4
C 4204	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C4
C 4205	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	E3
C 4206	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G4
C 4207	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G3
C 4208	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 4209	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C5
C 4210	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F3
C 4211	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F3
C 4213	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	F3
C 4214	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F3
C 4216	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F4
C 4217	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H4
C 4218	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H4
C 4219	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 4220	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 4221	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C1
C 4222	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F3
C 4223	AL.ELECTRO.CAP.	100uF	4V		RV2-4V101MU-R	K48060004		1-	A	C1
C 4225	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H3
C 4226	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H4
C 4227	CHIP TA.CAP.	47uF	4V		TEESVPOG476M8R	K78060050		1-	A	A1
C 4228	CHIP TA.CAP.	47uF	4V		TEESVPOG476M8R	K78060050		1-	A	C2
C 4230	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A3
C 4231	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H2
C 4232	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 4233	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	H2
C 4234	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B3
C 4235	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 4236	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DZ01D	K22174210		1-	A	B1
C 4237	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F3
C 4238	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G2
C 4239	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	F3
C 4240	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G2
C 4241	CHIP CAP.	9pF	50V	CH	GRM1882C1H9R0DZ01D	K22174210		1-	A	B1
C 4242	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F3
C 4243	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	G2
C 4244	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F3
C 4245	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	G2
C 4246	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C3
C 4247	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4248	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 4249	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4250	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C3
C 4251	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F3
C 4252	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	G3
C 4253	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4254	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C3
C 4255	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4256	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B1
C 4257	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F2
C 4258	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4259	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	A3
C 4260	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I7

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 4261	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A3
C 4262	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	E2
C 4263	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H2
C 4264	CHIP TA.CAP.	22uF	10V		TEESVB21A226M8R	K78100029		1-	A	H5
C 4265	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	E2
C 4266	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	E1
C 4267	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A3
C 4269	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	I6
C 4270	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G1
C 4271	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C2
C 4272	CHIP CAP.	0.033uF	16V	R	GRM188R11C333KA01D	K22124801		1-	A	F2
C 4273	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	F2
C 4274	CHIP CAP.	18pF	50V	CH	GRM1882C1H180JA01D	K22174217		1-	A	G2
C 4275	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H6
C 4276	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G1
C 4277	CHIP TA.CAP.	0.22uF	35V		TEESVA1V224M8R	K78160027		1-	A	I6
C 4278	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4279	CHIP TA.CAP.	1uF	35V		TEESVA1V105M8R	K78160032		1-	A	I6
C 4280	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I6
C 4281	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 4282	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	F2
C 4283	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4284	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F2
C 4285	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	B6
C 4286	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	G2
C 4287	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4288	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 4289	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4290	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 4291	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G2
C 4293	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	B6
C 4294	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	F1
C 4295	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F1
C 4296	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F1
C 4297	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	F1
C 4298	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F1
C 4299	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G2
C 4300	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G3
C 4301	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	F1
C 4302	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	G3
C 4303	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F1
C 4304	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G2
C 4305	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F1
C 4306	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	F1
C 4307	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G1
C 4308	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	G1
C 4309	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G1
C 4310	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	H2
C 4311	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4312	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	G1
C 4313	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4314	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	H3
C 4315	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4316	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B5
C 4317	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B6
C 4318	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C7
C 4319	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	B5
C 4320	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	G1
C 4321	CHIP TA.CAP.	4.7uF	25V		TEESVB21E475M8R	K78140019		1-	A	H3

MAIN Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
C 4322	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	B5
C 4323	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C7
C 4324	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	B5
C 4325	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	B5
C 4326	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 4327	CHIP CAP.	430pF	50V	CH	GRM1882C1H431JA01D	K22174256		1-	A	B6
C 4328	CHIP CAP.	430pF	50V	CH	GRM1882C1H431JA01D	K22174256		1-	A	B6
C 4329	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B5
C 4330	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	B6
C 4331	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174813		1-	A	C7
C 4332	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174813		1-	A	C6
C 4333	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	A7
C 4334	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C6
C 4335	CHIP CAP.	430pF	50V	CH	GRM1882C1H431JA01D	K22174256		1-	A	B6
C 4336	CHIP CAP.	430pF	50V	CH	GRM1882C1H431JA01D	K22174256		1-	A	B6
C 4337	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	C7
C 4338	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	A7
C 4339	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C6
C 4340	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	B6
C 4341	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C7
C 4342	CHIP CAP.	1uF	10V	B	GRM21BB11A105KA01L	K22100802		1-	A	C7
C 4343	CHIP CAP.	1uF	10V	B	GRM21BB11A105KA01L	K22100802		1-	A	C7
C 4344	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C5
C 4345	CHIP CAP.	0.0012uF	50V	B	GRM188B11H122KA01D	K22174810		1-	A	C5
C 4346	CHIP CAP.	0.0012uF	50V	B	GRM188B11H122KA01D	K22174810		1-	A	C5
C 4347	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174831		1-	A	C6
C 4348	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174831		1-	A	C6
C 4349	CHIP CAP.	0.0082uF	50V	B	GRM188B11H822KA01D	K22174837		1-	A	B7
C 4350	CHIP CAP.	0.0082uF	50V	B	GRM188B11H822KA01D	K22174837		1-	A	B7
C 4351	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	D1
C 4352	CHIP CAP.	1uF	10V	B	GRM21BB11A105KA01L	K22100802		1-	A	C7
C 4353	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	D1
C 4354	CHIP CAP.	1uF	10V	B	GRM21BB11A105KA01L	K22100802		1-	A	C7
C 4355	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C6
C 4356	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4357	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D2
C 4358	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C6
C 4359	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	D1
C 4360	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174831		1-	A	C8
C 4361	CHIP CAP.	0.0033uF	50V	B	GRM188B11H332KA01D	K22174831		1-	A	C8
C 4362	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 4363	CHIP TA.CAP.	10uF	6.3V		TEESVP0J106M8R	K78080055		1-	A	D1
C 4364	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4365	CHIP CAP.	0.0039uF	50V	B	GRM188B11H392KA01D	K22174830		1-	A	C8
C 4366	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4367	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	D2
C 4368	CHIP CAP.	1pF	50V	CK	GRM1884C1H1R0CZ01D	K22174202		1-	A	D3
C 4369	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	B7
C 4370	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	D2
C 4371	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 4372	CHIP CAP.	2pF	50V	CK	GRM1884C1H2R0CZ01D	K22174203		1-	A	D3
C 4373	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	A	B7
C 4374	CHIP CAP.	390pF	50V	CH	GRM1882C1H391JA01D	K22174255		1-	A	B7
C 4375	CHIP CAP.	0.0039uF	50V	B	GRM188B11H392KA01D	K22174830		1-	A	C8
C 4376	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D1
C 4378	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D5
C 4379	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	B7
C 4380	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C2
C 4381	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C2

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 4382	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	D2
C 4383	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	D1
C 4384	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	C2
C 4385	CHIP TA.CAP.	47uF	4V		SK7-0G476M-RA	K78060048		1-	A	C8
C 4386	CHIP TA.CAP.	47uF	4V		SK7-0G476M-RA	K78060048		1-	A	B8
C 4387	CHIP TA.CAP.	3.3uF	16V		TEESVB21C335M8R	K78120010		1-	A	C8
C 4388	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	D4
C 4389	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4391	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C8
C 4392	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	B8
C 4393	CHIP CAP.	47pF	50V	CH	GRM1882C1H470JA01D	K22174227		1-	A	D1
C 4394	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		1-	A	C8
C 4395	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4396	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	B7
C 4397	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	B7
C 4398	CHIP CAP.	5pF	50V	CH	GRM1882C1H5R0CZ01D	K22174206		1-	A	D4
C 4399	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4400	AL.ELECTRO.CAP.	100uF	16V		RC2-16V101MF1#	K40129038		1-	A	D4
C 4401	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C7
C 4402	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C7
C 4403	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	D4
C 4404	CHIP CAP.	27pF	50V	CH	GRM1882C1H270JA01D	K22174221		1-	A	D2
C 4405	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		1-	A	B7
C 4406	CHIP CAP.	0.22uF	10V	B	GRM188B11A224KA01D	K22104801		1-	A	B7
C 4407	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B7
C 4408	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B7
C 4410	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D1
C 4411	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C6
C 4412	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 4413	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4414	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B7
C 4415	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	B7
C 4416	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	E1
C 4417	CHIP CAP.	15pF	50V	CH	GRM1882C1H150JA01D	K22174215		1-	A	D1
C 4418	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C5
C 4419	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C5
C 4420	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C5
C 4421	CHIP TA.CAP.	3.3uF	16V		TEESVB21C335M8R	K78120010		1-	A	B8
C 4422	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C6
C 4423	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C8
C 4424	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	E1
C 4425	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C5
C 4426	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C5
C 4427	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C6
C 4428	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4429	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	C8
C 4430	CHIP CAP.	56pF	50V	CH	GRM1882C1H560JA01D	K22174229		1-	A	E1
C 4431	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	E2
C 4432	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	A7
C 4433	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D4
C 4434	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D3
C 4435	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 4436	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	E1
C 4437	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 4438	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 4439	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	D2
C 4440	CHIP CAP.	10pF	50V	UJ	GRM1883U1H100JZ01D	K22174301		1-	A	D3
C 4441	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	D3
C 4442	CHIP CAP.	24pF	50V	CH	GRM1882C1H240JZ01D	K22174220		1-	A	F1

MAIN Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
C 4443	CHIP CAP.	8pF	50V	UJ	GRM1883U1H8R0DZ01D	K22174308		1-	A	D4
C 4444	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	D4
C 4445	CHIP CAP.	3pF	50V	CJ	GRM1883C1H3R0CZ01D	K22174204		1-	A	F1
C 4446	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	D2
C 4447	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	I2
C 4448	CHIP CAP.	1uF	10V	B	GRM21BB11A105KA01L	K22100802		1-	A	H4
C 4449	CHIP CAP.	15pF	50V	UJ	GRM1883U1H150JZ01D	K22174312		1-	A	D3
C 4450	CHIP CAP.	15pF	50V	UJ	GRM1883U1H150JZ01D	K22174312		1-	A	D4
C 4451	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	F1
C 4452	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	F1
C 4453	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E2
C 4454	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E2
C 4455	CHIP CAP.	22pF	50V	CH	GRM1882C1H220JA01D	K22174219		1-	A	E2
C 4456	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4457	CHIP CAP.	10pF	50V	CH	GRM1882C1H100JA01D	K22174211		1-	A	E2
C 4458	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4459	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E3
C 4460	CHIP TA.CAP.	10uF	16V		TEESVB21C106M8R	K78120025		1-	A	A7
C 4461	CHIP CAP.	20pF	50V	CH	GRM1882C1H200JZ01D	K22174218		1-	A	F1
C 4462	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4463	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4464	CHIP CAP.	33pF	50V	CH	GRM1882C1H330JA01D	K22174223		1-	A	E4
C 4465	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 4467	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I2
C 4468	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	D2
C 4470	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 4471	FILM CAP.	0.012uF	16V		ECHU1C123JX5	K57120031		1-	A	E3
C 4472	FILM CAP.	0.082uF	16V		ECHU1C823JX5	K57120024		1-	A	E2
C 4473	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I2
C 4474	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H4
C 4475	AL.ELECTRO.CAP.	470uF	16V		RE3-16V471MG3#	K40129066		1-	A	B8
C 4477	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H3
C 4478	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B7
C 4479	CHIP CAP.	470pF	50V	CH	GRM1882C1H471JA01D	K22174249		1-	A	H1
C 4480	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	H1
C 4481	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I2
C 4482	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	H3
C 4483	FILM CAP.	0.0039uF	16V		ECHU1C392JX5	K57120026		1-	A	D3
C 4484	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 4485	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	H3
C 4486	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	H1
C 4487	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	I3
C 4488	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4489	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4490	CHIP CAP.	100pF	50V	CH	GRM1882C1H101JA01D	K22174235		1-	A	I3
C 4491	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H2
C 4493	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4494	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 4495	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4496	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	I3
C 4497	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A8
C 4498	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 4501	CHIP TA.CAP.	22uF	16V		TEESVB21C226M8R	K78120028		1-	A	B7
C 4502	FILM CAP.	0.012uF	16V		ECHU1C123JX5	K57120031		1-	A	B8
C 4503	AL.ELECTRO.CAP.	100uF	4V		RV2-4V101MU-R	K48060004		1-	A	A1
C 4504	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G7
C 4505	CHIP CAP.	82pF	50V	CH	GRM1882C1H820JA01D	K22174233		1-	A	G7
C 4506	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	G7
C 4507	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174813		1-	A	G7

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 4508	CHIP CAP.	0.0022uF	50V	B	GRM188B11H222KA01D	K22174813		1-	A	G7
C 4509	CHIP CAP.	0.0039uF	50V	B	GRM188B11H392KA01D	K22174830		1-	A	G7
CF4001	CERAMIC FILTER				SFSRA6M50DF00-B0	H3900560		1-	A	D2
D 4001	DIODE				BAS316	G2070716		1-	A	G8
D 4002	DIODE				BAS316	G2070716		1-	A	A5
D 4005	DIODE				DAN202U T106	G2070162		1-	A	H8
D 4006	DIODE				BAS316	G2070716		1-	A	F8
D 4007	DIODE				RB521S-30 TE61	G2070642		1-	A	D7
D 4008	DIODE				RB060L-40 TE25	G2070744		1-	A	D6
D 4009	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G7
D 4010	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G7
D 4011	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F6
D 4012	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F6
D 4013	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F6
D 4014	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G6
D 4015	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G6
D 4016	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G6
D 4017	DIODE				1SV271(TPH3.F)	G2070476		1-	A	H6
D 4018	DIODE				1SV271(TPH3.F)	G2070476		1-	A	H6
D 4019	DIODE				RB521S-30 TE61	G2070642		1-	A	E6
D 4020	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G5
D 4021	DIODE				1SV271(TPH3.F)	G2070476		1-	A	H5
D 4022	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F5
D 4023	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F5
D 4024	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F5
D 4025	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F5
D 4026	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G5
D 4027	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G5
D 4028	DIODE				1SV271(TPH3.F)	G2070476		1-	A	F5
D 4029	DIODE				1SV271(TPH3.F)	G2070476		1-	A	H5
D 4030	DIODE				1SV271(TPH3.F)	G2070476		1-	A	G5
D 4031	DIODE				HZM7.5NB3-TL-E	G2070786		1-	A	G4
D 4032	LED				SML-210DTT86	G2070772		1-	A	A1
D 4033	LED				SML-210VTT86	G2070768		1-	A	C5
D 4034	DIODE				HSB88WS TR-E	G2070290		1-	A	F4
D 4036	DIODE				DAN235U TL	G2070176		1-	A	H2
D 4037	DIODE				HZM7.5NB3-TL-E	G2070786		1-	A	G3
D 4038	DIODE				UDZS TE-17 6.8B	G2070888		1-	A	F2
D 4039	DIODE				1SS356TW11	G2070468		1-	A	E2
D 4040	DIODE				1SS356TW11	G2070468		1-	A	E2
D 4041	DIODE				DAN202U T106	G2070162		1-	A	I5
D 4042	DIODE				RB521S-30 TE61	G2070642		1-	A	I6
D 4043	DIODE				UDZS TE-17 6.8B	G2070888		1-	A	G2
D 4044	DIODE				RB521S-30 TE61	G2070642		1-	A	I5
D 4045	DIODE				UDZS TE-17 5.6B	G2070910		1-	A	I5
D 4046	DIODE				DAN217U T106	G2071236		1-	A	B7
D 4047	DIODE				DAN217U T106	G2071236		1-	A	B7
D 4048	DIODE				DAP236U T106	G2070592		1-	A	D4
D 4049	LED				SML-210MTT86	G2070524		1-	A	E1
D 4050	DIODE				HVU359 TRF-E	G2070452		1-	A	E3
D 4051	DIODE				HVU359 TRF-E	G2070452		1-	A	E3
D 4052	DIODE				HVU359 TRF-E	G2070452		1-	A	E4
D 4053	DIODE				HVU359 TRF-E	G2070452		1-	A	E4
D 4058	DIODE				HZM27WA TR-E	G2070530		1-	A	H1
D 4059	DIODE				D1F60-5053	G2071240		1-	A	H1
D 4060	DIODE				RLS245 TE-11	G2070834		1-	A	G8
D 4061	DIODE				RLS245 TE-11	G2070834		1-	A	G7
D 4062	DIODE				RLS245 TE-11	G2070834		1-	A	G8
D 4063	DIODE				RLS245 TE-11	G2070834		1-	A	G7

MAIN Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
D 4064	DIODE				UDZS TE-17 3.9B	G2070906		1-	A	I2
D 4065	DIODE				BAS316	G2070716		1-	A	I2
FB4001	CHIP COIL				BLM21PG300SN1D	L1690840		1-	A	H2
J 4001	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	G8
J 4002	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	H8
J 4003	CONNECTOR				9637S-30-Y905	P1091169		1-	A	D8
J 4004	CONNECTOR				SB20-15WS	P0091093		1-	A	A5
J 4005	CONNECTOR				A1-14PA-2.54DSA(71)	P0091448		1-	A	A2
J 4006	CONNECTOR				SB20-13WS	P0090620		1-	A	A7
J 4007	CONNECTOR				SG8035#01	P1090350		1-	B	a8
J 4009	CONNECTOR				M50-008-020 R41-9553F	P1091132		1-	A	I1
J 4011	CONNECTOR				SC25-02WS	P0090621		1-	A	B8
J 4012	CONNECTOR				SB20-13WS	P0090620		1-	A	I2
J 4013	CONNECTOR				SB20-12WS	P0090619		1-	A	I2
L 4003	M.RFC	47uH			LLM3225-470J	L1691141		1-	A	E8
L 4004	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	G7
L 4005	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	F7
L 4006	M.RFC	470uH			FLC32T-471J	L1690235		1-	A	F6
L 4007	CHIP COIL	27uH			LQH32MN270K23L	L1690092		1-	A	F6
L 4008	CHIP COIL	18uH			LQH32MN180K23L	L1690090		1-	A	F6
L 4009	CHIP COIL	10uH			LQH32MN100K23L	L1690087		1-	A	G6
L 4010	CHIP COIL	5.6uH			LQH32MN5R6K23L	L1690084		1-	A	G6
L 4011	CHIP COIL	3.9uH			LQH32MN3R9M23L	L1690082		1-	A	G6
L 4012	CHIP COIL	2.2uH		2%	C2520C-2R2G-RA	L1691313		1-	A	H6
L 4013	CHIP COIL	1.5uH		2%	C2520C-1R5G-RA	L1691311		1-	A	H6
L 4014	CHIP COIL	68uH			LQH32MN680K23L	L1690097		1-	A	F6
L 4015	CHIP COIL	39uH			LQH32MN390K23L	L1690094		1-	A	F6
L 4016	CHIP COIL	27uH			LQH32MN270K23L	L1690092		1-	A	G6
L 4017	CHIP COIL	22uH			LQH31MN220J03L	L1691005		1-	A	G6
L 4018	CHIP COIL	12uH			LQH31MN120J03L	L1691002		1-	A	G6
L 4019	CHIP COIL	6.8uH		5%	NLV-25T-6R8J-PF	L1691434		1-	A	H6
L 4020	CHIP COIL	4.7uH		2%	C2520C-4R7G-RA	L1691317		1-	A	H6
L 4021	CHIP COIL	68uH			LQH32MN680K23L	L1690097		1-	A	F6
L 4022	CHIP COIL	68uH			LQH32MN680K23L	L1690097		1-	A	F5
L 4023	CHIP COIL	15uH			LQH32MN150K23L	L1690089		1-	A	F5
L 4024	CHIP COIL	10uH			LQH32MN100K23L	L1690087		1-	A	F5
L 4025	CHIP COIL	5.6uH			LQH32MN5R6K23L	L1690084		1-	A	G5
L 4026	CHIP COIL	3.3uH			LQH32MN3R3K23L	L1690081		1-	A	G5
L 4027	CHIP COIL	1.8uH			LQH32MN1R8K23L	L1690078		1-	A	G5
L 4028	CHIP COIL	1.2uH		2%	C2520C-1R2G-RA	L1691310		1-	A	G5
L 4029	CHIP COIL	1uH		2%	C2520C-1R0G-RA	L1691309		1-	A	H5
L 4030	CHIP COIL	68uH			LQH32MN680K23L	L1690097		1-	A	F5
L 4031	CHIP COIL	39uH			LQH32MN390K23L	L1690094		1-	A	F5
L 4032	CHIP COIL	27uH			LQH32MN270K23L	L1690092		1-	A	G5
L 4033	CHIP COIL	18uH			LQH31MN180J03L	L1691004		1-	A	G5
L 4034	CHIP COIL	12uH			LQH31MN120J03L	L1691002		1-	A	G5
L 4035	CHIP COIL	6.8uH		5%	NLV-25T-6R8J-PF	L1691434		1-	A	H5
L 4036	CHIP COIL	4.7uH		2%	C2520C-4R7G-RA	L1691317		1-	A	H5
L 4037	M.RFC	470uH			FLC32T-471J	L1690235		1-	A	F5
L 4038	CHIP COIL	27uH			LQH32MN270K23L	L1690092		1-	A	F5
L 4039	CHIP COIL	18uH			LQH32MN180K23L	L1690090		1-	A	F5
L 4040	CHIP COIL	10uH			LQH32MN100K23L	L1690087		1-	A	G5
L 4041	CHIP COIL	5.6uH			LQH32MN5R6K23L	L1690084		1-	A	G5
L 4042	CHIP COIL	3.9uH			LQH32MN3R9M23L	L1690082		1-	A	G5
L 4043	CHIP COIL	2.2uH		2%	C2520C-2R2G-RA	L1691313		1-	A	H5
L 4044	CHIP COIL	1.5uH		2%	C2520C-1R5G-RA	L1691311		1-	A	H5
L 4046	CHIP COIL	2.2uH		10%	C2520C-2R2K-RK	L1690731		1-	A	D5
L 4047	CHIP COIL	4.7uH		2%	C2520C-4R7G-RA	L1691317		1-	A	F4
L 4048	CHIP COIL	0.1uH			C2520C-R10J	L1690544		1-	A	D5

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
L 4049	CHIP COIL	0.1uH			C2520C-R10J	L1690544		1-	A	D5
L 4050	CHIP COIL	0.068uH			C2520C-68NK	L1690542		1-	A	E5
L 4051	CHIP COIL	0.15uH			C2520C-R15J	L1690546		1-	A	G4
L 4052	CHIP COIL	0.068uH			C2520C-68NK	L1690542		1-	A	E5
L 4053	CHIP COIL	0.15uH			C2520C-R15J	L1690546		1-	A	G4
L 4054	M.RFC	5.6uH			FLC32T-5R6K	L1690212		1-	A	G3
L 4055	M.RFC	10uH			FLC32T-100J	L1690215		1-	A	F3
L 4056	M.RFC	33uH			CDRH6D38-330NC	L1691071		1-	A	C2
L 4057	CHIP COIL	1mH			LQH43MN102K03L	L1690108		1-	A	H2
L 4058	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	H2
L 4059	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	G3
L 4060	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	B6
L 4061	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	F2
L 4062	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	F1
L 4063	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	G2
L 4064	M.RFC	180uH			FLC32T-181J	L1690230		1-	A	G1
L 4065	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	D1
L 4066	M.RFC	1.5uH			LK1608 1R5K-T	L1690846		1-	A	D2
L 4067	M.RFC	100uH			FLC32T-101J	L1690227		1-	A	E2
L 4068	M.RFC	3.3uH			FLC32T-3R3K	L1690209		1-	A	D4
L 4069	M.RFC	3.3uH			FLC32T-3R3K	L1690209		1-	A	D3
L 4070	CHIP COIL	0.047uH			C2520C-47NK	L1690540		1-	A	E1
L 4071	CHIP COIL	0.033uH			C2520C-33NK	L1690538		1-	A	E1
L 4072	COIL 10RF	0.19uH			0.19U	L0022999A		1-	A	D3
L 4073	M.RFC	4.7uH			FLC32T-4R7K	L1690211		1-	A	E3
L 4074	M.RFC	4.7uH			FLC32T-4R7K	L1690211		1-	A	E4
L 4075	M.RFC	4.7uH			FLC32T-4R7K	L1690211		1-	A	E3
L 4076	M.RFC	4.7uH			FLC32T-4R7K	L1690211		1-	A	E4
L 4077	CHIP COIL	0.15uH		2%	C2520C-R15G-RA	L1691296		1-	A	G7
L 4078	CHIP COIL	8.2uH		5%	NLV-25T-8R2J-PF	L1691435		1-	A	G7
Q 4001	TRANSISTOR				PDTC114TE	G3070238		1-	A	F8
Q 4002	TRANSISTOR				2SC5415E-TD-E	G3354158E		1-	A	H7
Q 4003	TRANSISTOR				2SC2812N6-CPA-TB-E	G3328128F		1-	A	H7
Q 4004	TRANSISTOR				2SC5064Y(TE85L.F)	G3350648Y		1-	A	F7
Q 4005	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	F7
Q 4006	TRANSISTOR				PDTC144EE	G3070244		1-	A	H7
Q 4007	TRANSISTOR				PDTC114TE	G3070238		1-	A	F8
Q 4008	TRANSISTOR				PDTC114TE	G3070238		1-	A	E8
Q 4009	IC				TD62783AFNG(5.S.EL)	G1092700		1-	A	D7
Q 4010	IC				M51945BFP-CFOR	G1091990		1-	A	E6
Q 4011	IC				UPC29M08T(TAPE)	G1093834		1-	A	E6
Q 4012	IC				BA50BC0FP-E2	G1094732		1-	A	D6
Q 4013	FET				RTQ030P02	G4070015		1-	A	C2
Q 4014	FET				RTQ030P02	G4070015		1-	A	C2
Q 4015	TRANSISTOR				2SC4047-TA	G3340477		1-	A	C2
Q 4016	TRANSISTOR				2SC4047-TA	G3340477		1-	A	E6
Q 4017	IC				ADM101EARMZ-REEL7	G1092913		1-	A	C1
Q 4018	IC				BA33BC0FP-E2	G1094733		1-	A	D6
Q 4019	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	E5
Q 4020	FET				2SK520-T2B K41	G3805207A		1-	A	F5
Q 4021	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	H4
Q 4022	IC				TC7W32F(TE12L)	G1091951		1-	A	C3
Q 4023	TRANSISTOR				2SC3357-T2 RF	G3333577F		1-	A	H4
Q 4024	IC				TC74VHCT574AFT(EL)	G1094710		1-	A	B5
Q 4025	IC				TC74VHCT574AFT(EL)	G1094710		1-	A	B5
Q 4026	IC				TC74VHCT574AFT(EL)	G1094710		1-	A	B4
Q 4027	IC				TC74VHCT574AFT(EL)	G1094710		1-	A	B4
Q 4028	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	D4
Q 4029	FET				2SK520-T2B K41	G3805207A		1-	A	F4

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Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
Q 4030	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	G5
Q 4031	TRANSISTOR				PDTC144EE	G3070244		1-	A	A1
Q 4032	TRANSISTOR				PDTC144EE	G3070244		1-	A	C5
Q 4033	IC				MCP3008T-I/SL	G1094708		1-	A	C4
Q 4034	IC				M62376GP#DF0J	G1094709		1-	A	C4
Q 4035	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	F3
Q 4036	FET				2SK1740-5-TB-E	G3817408E		1-	A	G3
Q 4037	FET				2SK1740-5-TB-E	G3817408E		1-	A	G4
Q 4038	TRANSISTOR				2SC5064Y(TE85L.F)	G3350648Y		1-	A	F3
Q 4039	IC				BD12KA5FP-E2	G1094315		1-	A	C1
Q 4040	FET				2SK1740-5-TB-E	G3817408E		1-	A	G4
Q 4041	FET				2SK1740-5-TB-E	G3817408E		1-	A	G3
Q 4042	TRANSISTOR				2SC5415E-TD-E	G3354158E		1-	A	F3
Q 4044	IC				ADSP-BF531SBSTZ400	G1094302		1-	A	B2
Q 4045	IC				ES29LV400ET-70TGI	※		1-	A	B3
Q 4046	IC				LM2904PWR	G1094010		1-	A	C3
Q 4047	FET				3SK195 TE85R	G4801957		1-	A	F3
Q 4049	FET				3SK195 TE85R	G4801957		1-	A	F2
Q 4050	IC				LM2904PWR	G1094010		1-	A	I5
Q 4052	IC				LM2904PWR	G1094010		1-	A	I6
Q 4053	TRANSISTOR				2SC2812N6-CPA-TB-E	G3328128F		1-	A	I6
Q 4054	FET				3SK195 TE85R	G4801957		1-	A	F2
Q 4056	FET				3SK195 TE85R	G4801957		1-	A	G2
Q 4057	IC				BU4052BCF-E2	G1093661		1-	A	B6
Q 4058	IC				RF2713(TAPE)	G1093831		1-	A	F1
Q 4059	TRANSISTOR				PDTC144EE	G3070244		1-	A	G3
Q 4060	TRANSISTOR				2SA1365-T12-2G	G3113658G		1-	A	G2
Q 4061	IC				UPC4572G2-E2	G1092042		1-	A	B5
Q 4063	IC				RF2713(TAPE)	G1093831		1-	A	G1
Q 4064	TRANSISTOR				PDTC144EE	G3070244		1-	A	H3
Q 4065	TRANSISTOR				2SA1576A T106 R	G3115768R		1-	A	H2
Q 4066	IC				UPC4572G2-E2	G1092042		1-	A	B5
Q 4069	IC				AK4550VT	G1094072		1-	A	C7
Q 4070	IC				UPC4572G2-E2	G1092042		1-	A	B6
Q 4072	TRANSISTOR				PDTC144EE	G3070244		1-	A	B7
Q 4073	IC				UPC4572G2-E2	G1092042		1-	A	B7
Q 4074	IC				UPC4572G2-E2	G1092042		1-	A	B7
Q 4075	IC				AD9833BRMZ-REEL7	G1093580		1-	A	D1
Q 4076	IC				UPC4572G2-E2	G1092042		1-	A	C8
Q 4078	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	D2
Q 4079	IC				TC7S04FU(TE85R.F)	G1091530		1-	A	D1
Q 4080	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	D2
Q 4081	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	D5
Q 4085	TRANSISTOR				PDTC144EE	G3070244		1-	A	D3
Q 4086	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	D1
Q 4087	IC				AK4528VF E2	G1093829		1-	A	C5
Q 4088	TRANSISTOR				PDTC144EE	G3070244		1-	A	A6
Q 4089	TRANSISTOR				PDTC144EE	G3070244		1-	A	D4
Q 4090	TRANSISTOR				PDTC144EE	G3070244		1-	A	D3
Q 4091	TRANSISTOR				2SC2714Y(TE85R.F)	G3327147Y		1-	A	E1
Q 4092	IC				ADF4001BRUZ-REEL7	G1093977		1-	A	E1
Q 4093	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	D4
Q 4094	FET				2SK210-GR(TE85R.F)	G3802107G		1-	A	D3
Q 4095	IC				TC7S04FU(TE85R.F)	G1091530		1-	A	D2
Q 4096	IC				TDA1519CTH	G1093778		1-	B	h7
Q 4097	POLY SWITCH				MINISMDC0505-02	G9090143		1-	A	H1
Q 4098	TRANSISTOR				2SD2211 T100 QR	G3422117Q		1-	A	H2
Q 4099	FET				2SJ106GR(TE85L.F)	G3701068G		1-	A	H1
R 4001	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	H8

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REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 4002	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	H8
R 4003	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A4
R 4004	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E8
R 4005	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E8
R 4006	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	H7
R 4007	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A4
R 4008	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	H7
R 4009	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A4
R 4010	CHIP RES.	220	1/10W	5%	RMC1/10T 221J	J24205221		1-	A	F7
R 4011	CHIP RES.	56	1/10W	5%	RMC1/10T 560J	J24205560		1-	A	G7
R 4012	CHIP RES.	56	1/10W	5%	RMC1/10T 560J	J24205560		1-	A	F7
R 4013	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	H7
R 4014	THERMISTOR				157-501-53009TP	G9090058		1-	A	G7
R 4015	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H7
R 4016	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F8
R 4017	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H7
R 4018	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	H7
R 4019	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	A	H7
R 4020	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H7
R 4021	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	E7
R 4022	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	H7
R 4023	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	H8
R 4024	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F7
R 4025	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	H7
R 4026	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E7
R 4027	CHIP RES.	82	1/16W	5%	RMC1/16 820JATP	J24185820		1-	A	E7
R 4028	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G7
R 4029	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	E7
R 4030	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F7
R 4031	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H8
R 4032	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F7
R 4033	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E7
R 4034	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F7
R 4035	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F7
R 4036	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	D7
R 4037	CHIP RES.	2.4k	1/16W	0.5%	RGC1/16C242DTP	J24189414		1-	A	D7
R 4038	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F7
R 4039	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C7
R 4040	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	C7
R 4041	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	F6
R 4042	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	F6
R 4043	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	F6
R 4044	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	F6
R 4045	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	G6
R 4046	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	G6
R 4047	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	G6
R 4048	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	H6
R 4049	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E6
R 4050	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 4051	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	E6
R 4052	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C1
R 4053	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	C1
R 4054	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	C2
R 4055	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C2
R 4056	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	F5
R 4057	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E4
R 4058	CHIP RES.	680	1/16W	5%	RMC1/16 681JATP	J24185681		1-	A	F5
R 4059	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	E4
R 4060	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	H4

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Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
R 4061	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	H4
R 4062	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E4
R 4063	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F5
R 4064	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	H5
R 4065	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	F5
R 4066	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	F5
R 4067	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	H5
R 4068	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	H5
R 4069	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	E4
R 4070	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	H4
R 4071	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	H4
R 4072	CHIP RES.	270	1/4W	5%	RMC1/4 271JATP	J24245271		1-	A	H4
R 4073	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H5
R 4074	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	F4
R 4075	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	D5
R 4076	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H5
R 4077	CHIP RES.	2.2M	1/16W	5%	RMC1/16 225JATP	J24185225		1-	A	F4
R 4078	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	E4
R 4079	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	H4
R 4080	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D4
R 4081	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D5
R 4082	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	G4
R 4083	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	G5
R 4084	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G5
R 4085	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	F4
R 4086	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	G4
R 4087	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F4
R 4088	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C4
R 4089	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G5
R 4090	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	A	G4
R 4091	CHIP RES.	68	1/16W	5%	RMC1/16 680JATP	J24185680		1-	A	G4
R 4092	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4093	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4094	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4095	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4096	CHIP RES.	12	1/16W	5%	RMC1/16 120JATP	J24185120		1-	A	H3
R 4097	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C3
R 4099	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A1
R 4100	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	G4
R 4101	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C5
R 4102	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	A	F3
R 4104	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F3
R 4106	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G4
R 4107	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	G3
R 4108	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	G3
R 4109	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	G3
R 4110	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	A	F3
R 4111	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	F3
R 4112	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	F3
R 4113	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F3
R 4114	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	F3
R 4115	CHIP RES.	560	1/16W	5%	RMC1/16 561JATP	J24185561		1-	A	F3
R 4116	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F3
R 4117	CHIP RES.	5.6k	1/16W	5%	RMC1/16 562JATP	J24185562		1-	A	F3
R 4118	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	F3
R 4119	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	H4
R 4120	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F3
R 4121	CHIP RES.	120	1/8W	5%	RMC1/8T 121J	J24215121		1-	A	G3
R 4122	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	C1

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REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 4123	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	C2
R 4125	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F4
R 4126	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	E3
R 4127	CHIP RES.	18	1/16W	5%	RMC1/16 180JATP	J24185180		1-	A	E3
R 4128	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	E3
R 4129	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	H2
R 4130	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	G2
R 4131	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F3
R 4132	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B1
R 4134	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	F3
R 4135	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	F3
R 4136	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 4137	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 4138	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 4139	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F3
R 4140	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	F3
R 4141	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 4142	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	F2
R 4143	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	F2
R 4144	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 4145	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C3
R 4146	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F2
R 4147	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 4148	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 4149	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F2
R 4150	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	F2
R 4151	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	B1
R 4152	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C3
R 4153	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	F2
R 4154	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	F2
R 4155	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	H6
R 4156	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	I6
R 4157	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	H5
R 4158	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I5
R 4159	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	I6
R 4160	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	I6
R 4161	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	F2
R 4162	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	F2
R 4163	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	I6
R 4164	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	I5
R 4165	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	I6
R 4166	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	H5
R 4167	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	I6
R 4168	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	F2
R 4169	CHIP RES.	150k	1/16W	5%	RMC1/16 154JATP	J24185154		1-	A	H6
R 4170	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	I6
R 4171	CHIP RES.	6.8	1/16W	5%	RMC1/16 6R8JATP	J24185689		1-	A	H2
R 4172	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	H2
R 4173	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I6
R 4174	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	H6
R 4175	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E2
R 4176	CHIP RES.	6.8	1/16W	5%	RMC1/16 6R8JATP	J24185689		1-	A	H1
R 4177	CHIP RES.	150	1/16W	5%	RMC1/16 151JATP	J24185151		1-	A	H2
R 4178	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	I6
R 4179	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E2
R 4180	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G1
R 4181	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	I5
R 4182	CHIP RES.	68k	1/16W	5%	RMC1/16 683JATP	J24185683		1-	A	F2
R 4183	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	F2

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Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
R 4184	CHIP RES.	8.2k	1/16W	5%	RMC1/16 822JATP	J24185822		1-	A	I7
R 4185	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	I6
R 4186	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	I6
R 4187	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	F1
R 4188	CHIP RES.	270	1/16W	5%	RMC1/16 271JATP	J24185271		1-	A	F1
R 4189	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	G1
R 4190	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	G1
R 4191	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	F2
R 4192	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	I6
R 4193	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G2
R 4194	CHIP RES.	1.5k	1/16W	5%	RMC1/16 152JATP	J24185152		1-	A	G2
R 4195	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	I6
R 4196	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	F2
R 4197	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	G2
R 4198	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4199	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4200	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4201	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4202	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4203	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4204	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4205	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4206	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	F1
R 4207	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G2
R 4208	CHIP RES.	0	1/16W	5%	RMC1/16 000JATP	J24185000		1-	A	I5
R 4209	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	A2
R 4210	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G2
R 4211	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	G2
R 4212	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	A2
R 4213	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	G2
R 4214	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 4215	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 4216	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 4217	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	A2
R 4218	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A3
R 4219	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A3
R 4220	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	G3
R 4221	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	G3
R 4222	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B6
R 4223	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B5
R 4224	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G1
R 4225	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B5
R 4226	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	G1
R 4227	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B5
R 4228	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	G1
R 4229	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G1
R 4230	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	G1
R 4231	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 4232	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B6
R 4233	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A6
R 4234	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A6
R 4235	CHIP RES.	27k	1/16W	5%	RMC1/16 273JATP	J24185273		1-	A	B5
R 4236	CHIP RES.	27k	1/16W	5%	RMC1/16 273JATP	J24185273		1-	A	B6
R 4237	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	H3
R 4238	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	H3
R 4239	CHIP RES.	56	1/16W	5%	RMC1/16 560JATP	J24185560		1-	A	F1
R 4240	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B5
R 4241	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B6
R 4242	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B6

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 4243	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A6
R 4244	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B6
R 4245	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B5
R 4246	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B6
R 4248	CHIP RES.	180	1/16W	5%	RMC1/16 181JATP	J24185181		1-	A	B6
R 4249	CHIP RES.	180	1/16W	5%	RMC1/16 181JATP	J24185181		1-	A	B6
R 4250	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C7
R 4251	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C7
R 4252	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	A6
R 4253	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	C5
R 4254	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	C5
R 4255	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	C5
R 4256	CHIP RES.	330	1/16W	5%	RMC1/16 331JATP	J24185331		1-	A	C5
R 4257	CHIP RES.	180	1/16W	5%	RMC1/16 181JATP	J24185181		1-	A	C6
R 4258	CHIP RES.	180	1/16W	5%	RMC1/16 181JATP	J24185181		1-	A	C6
R 4259	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C6
R 4260	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C6
R 4261	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C6
R 4262	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C6
R 4263	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	C6
R 4264	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	C6
R 4265	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	C7
R 4266	CHIP RES.	3.9k	1/16W	5%	RMC1/16 392JATP	J24185392		1-	A	C7
R 4267	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D1
R 4268	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	C8
R 4269	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B7
R 4270	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	B7
R 4271	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	A	C8
R 4272	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 4273	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 4274	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D2
R 4275	CHIP RES.	12k	1/16W	5%	RMC1/16 123JATP	J24185123		1-	A	C8
R 4276	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B7
R 4277	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	B7
R 4278	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 4279	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	D2
R 4280	CHIP RES.	15k	1/16W	5%	RMC1/16 153JATP	J24185153		1-	A	D1
R 4281	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 4282	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	D1
R 4284	CHIP RES.	18k	1/16W	5%	RMC1/16 183JATP	J24185183		1-	A	C8
R 4285	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 4286	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B7
R 4287	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	B7
R 4288	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D5
R 4289	CHIP RES.	390	1/16W	5%	RMC1/16 391JATP	J24185391		1-	A	D5
R 4290	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	D2
R 4291	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D2
R 4292	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	D1
R 4294	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D5
R 4295	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C8
R 4296	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D4
R 4297	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B7
R 4298	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	B7
R 4299	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	B8
R 4300	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	D8
R 4301	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C8
R 4302	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	D3
R 4303	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D1
R 4305	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	B7

MAIN Unit

Parts List

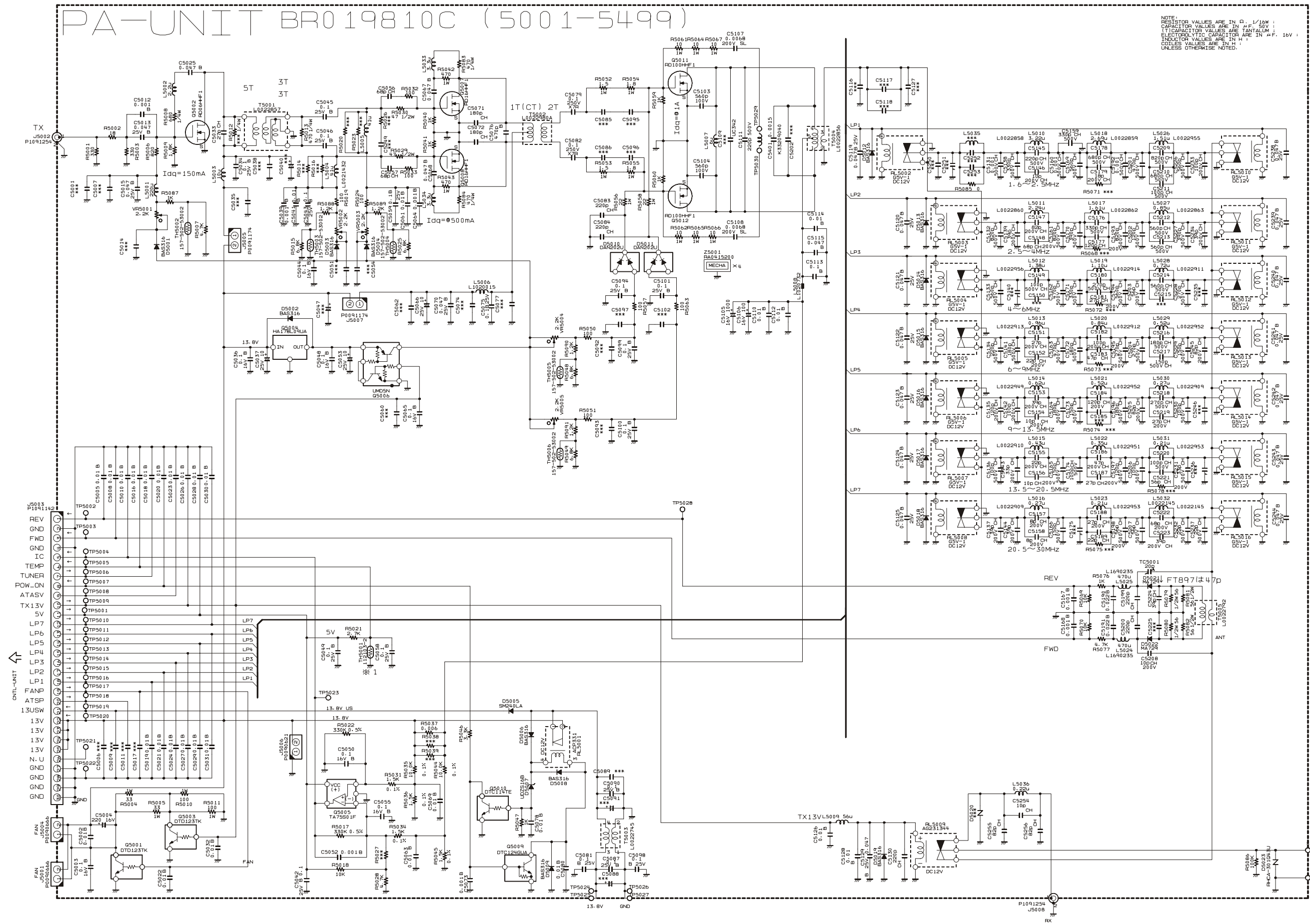
REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG		VERS.	LOT.	SIDE	LAY ADR
R 4306	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B7
R 4307	CHIP RES.	27k	1/16W	5%	RMC1/16 273JATP	J24185273		1-	A	B8
R 4308	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C8
R 4309	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C8
R 4310	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	D1
R 4311	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D1
R 4312	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 4313	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B7
R 4314	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B7
R 4315	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A7
R 4316	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A7
R 4317	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	A6
R 4318	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A6
R 4319	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C8
R 4320	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	C8
R 4321	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B7
R 4322	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B7
R 4323	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C6
R 4324	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B7
R 4325	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	B7
R 4326	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A6
R 4327	CHIP RES.	10	1/16W	5%	RMC1/16 100JATP	J24185100		1-	A	C5
R 4328	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	C6
R 4329	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D3
R 4330	CHIP RES.	47	1/16W	5%	RMC1/16 470JATP	J24185470		1-	A	D4
R 4331	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	E1
R 4332	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E1
R 4333	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E1
R 4334	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E1
R 4335	CHIP RES.	22	1/16W	5%	RMC1/16 220JATP	J24185220		1-	A	E1
R 4336	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D4
R 4337	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	D3
R 4338	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	E1
R 4339	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E2
R 4340	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E2
R 4341	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E2
R 4342	CHIP RES.	2.2k	1/16W	5%	RMC1/16 222JATP	J24185222		1-	A	E2
R 4343	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	H2
R 4344	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	H3
R 4345	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	I3
R 4346	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 4347	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	D3
R 4348	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	I2
R 4349	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	I3
R 4350	CHIP RES.	33k	1/16W	5%	RMC1/16 333JATP	J24185333		1-	A	H3
R 4351	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	I2
R 4352	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H2
R 4353	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H3
R 4354	CHIP RES.	22k	1/16W	5%	RMC1/16 223JATP	J24185223		1-	A	H4
R 4355	CHIP RES.	1M	1/16W	5%	RMC1/16 105JATP	J24185105		1-	A	E2
R 4356	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4357	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4358	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H2
R 4359	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H1
R 4361	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E2
R 4362	CHIP RES.	470	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	H2
R 4363	CHIP RES.	100k	1/16W	5%	RMC1/16 104JATP	J24185104		1-	A	H1
R 4364	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E3
R 4365	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	E3

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 4366	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	E3
R 4367	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	E3
R 4368	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	E2
R 4369	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H1
R 4370	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	H1
R 4371	CHIP RES.	4.7	1W	5%	RMC1 4R7JTE	J24305479		1-	A	A7
R 4372	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H3
R 4373	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	H3
R 4374	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H3
R 4375	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H2
R 4376	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H2
R 4377	CHIP RES.	220	1W	5%	RMC1 221JTE	J24305221		1-	A	A7
R 4378	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H2
R 4379	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H1
R 4380	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H2
R 4381	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H1
R 4382	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	H3
R 4383	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	I3
R 4384	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	I3
R 4385	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	I3
R 4386	CHIP RES.	220	1/16W	5%	RMC1/16 221JATP	J24185221		1-	A	I3
R 4387	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	I3
R 4388	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	I2
R 4389	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	I2
R 4390	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I2
R 4391	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H4
R 4392	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	H3
R 4393	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	H3
R 4394	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4395	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4396	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C5
R 4397	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C5
R 4398	CHIP RES.	18	1W	5%	RMC1 180JTE	J24305180		1-	A	D6
R 4399	CHIP RES.	18	1W	5%	RMC1 180JTE	J24305180		1-	A	D7
R 4400	CHIP RES.	47k	1/16W	5%	RMC1/16 473JATP	J24185473		1-	A	A6
R 4401	CHIP RES.	470	1/16W	5%	RMC1/16 471JATP	J24185471		1-	A	C4
R 4403	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A6
R 4404	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	H7
RL4001	RELAY		DC12V		AGQ200A12Z DC12V	M1190188		1-	A	F7
RL4002	RELAY		DC12V		AGQ200A12Z DC12V	M1190188		1-	A	F7
S 4001	TACT SWITCH				SKQDAA	N5090051		1-	A	E7
T 4001	COIL WIDE-TRANS.				040812480	L0023036		1-	A	H7
T 4002	COIL WIDE-TRANS.				3-318707	L0022619		1-	A	E7
T 4003	COIL WIDE-TRANS.				040812480	L0023036		1-	A	G7
T 4004	COIL WIDE-TRANS.				040812480	L0023036		1-	A	F7
T 4005	COIL WIDE-TRANS.				040812480	L0023036		1-	A	F4
T 4006	COIL WIDE-TRANS.				3-317611	L0022478		1-	A	G3
T 4007	COIL WIDE-TRANS.				3-317610	L0022479		1-	A	H3
T 4008	BALUN TRANSFORMERS				#458DB-1616=P3	L0190246		1-	A	F4
T 4009	BALUN TRANSFORMERS				#458DB-1616=P3	L0190246		1-	A	F4
T 4010	COIL WIDE-TRANS.				3-317611	L0022478		1-	A	G4
T 4011	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	F3
T 4012	COIL 05RF	74.62MHz			74.62M 030812396C	L0022854		1-	A	G2
T 4013	COIL 05RF	74.62MHz			74.62M 030812396C	L0022854		1-	A	F2
T 4014	COIL 05RF	74.62MHz			74.62M 030812396C	L0022854		1-	A	F2
T 4015	COIL 05RF				M5-N1 R12-T661Y	L0022674		1-	A	H2
T 4016	COIL 05RF	74.62MHz			74.62M 030812396C	L0022854		1-	A	F2
T 4017	COIL 05RF				100M 010812300A	L0022779		1-	A	E1
T 4018	COIL 10RF				0.36U	L0021400A		1-	A	D4

MAIN Unit

Parts List

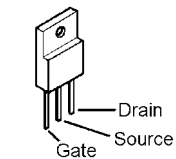
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TH4001	THERMISTOR				157-152-53009-TP	G9090123		1-	A	F2
TH4002	THERMISTOR				157-152-53009-TP	G9090123		1-	A	G1
X 4001	XTAL TSS-3225A	36.864MHz			36.864MHZ	H0103395		1-	A	B1
X 4002	TCXO	22.625MHz			TTS14VSB-A8 22.625MHZ	H9501210		1-	A	D1
XF4001	XTAL FILTER				MFT67N 67.899MHZ	H1102406		1-	A	G2
	SHIELD CASE				(20X51)	RA0830700		1-		
	SHIELD CASE COVER				(20X51)	RA0830800		1-		
	SHIELD CASE VCO					RA1153400		1-		
	SHIELD CASE VCO					RA1153400		1-		
	SHIELD CASE COVER				(VCO)	RA1153500		1-		
	SHIELD CASE COVER				(VCO)	RA1153500		1-		



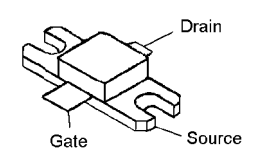
NOTE:
RESISTOR VALUES ARE IN Ω, 1/10W;
CAPACITOR VALUES ARE IN μF, 50V;
ELECTROLYTIC CAPACITOR TANTALUM;
INDUCTOR VALUES ARE IN H;
COIL VALUES ARE IN μH, 16V;
UNLESS OTHERWISE NOTED.

PA Unit

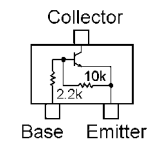
Note



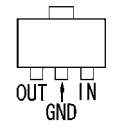
RD06HHF1-01 (Q5002)
RD16HHF1 (Q5007, 5008)



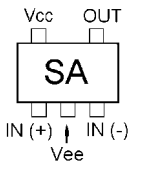
RD100HHF1-101 (Q5011, 5012)



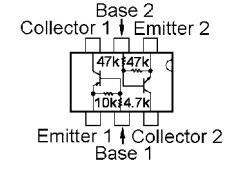
DTD123YK (F62) (Q 5001, 5003)



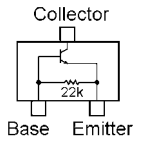
HA178L09UA (Q5004)



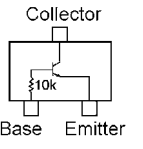
TA75S01F(SA) (Q5005)



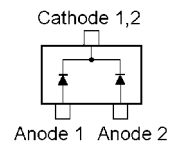
UMD5N (Q5006)



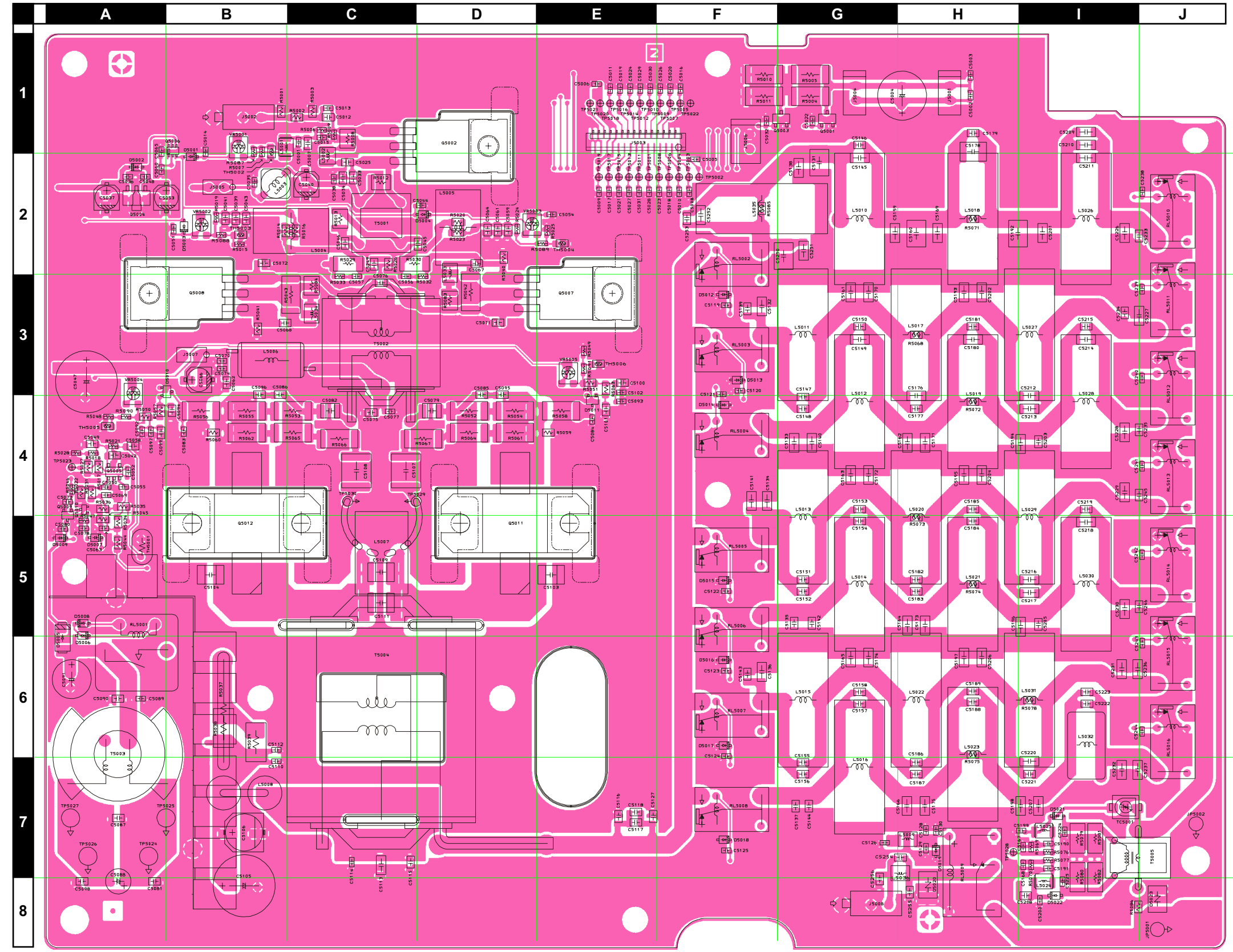
DTC124GUA (K25) (Q 5009)



DTC114TE (04) (Q5010)

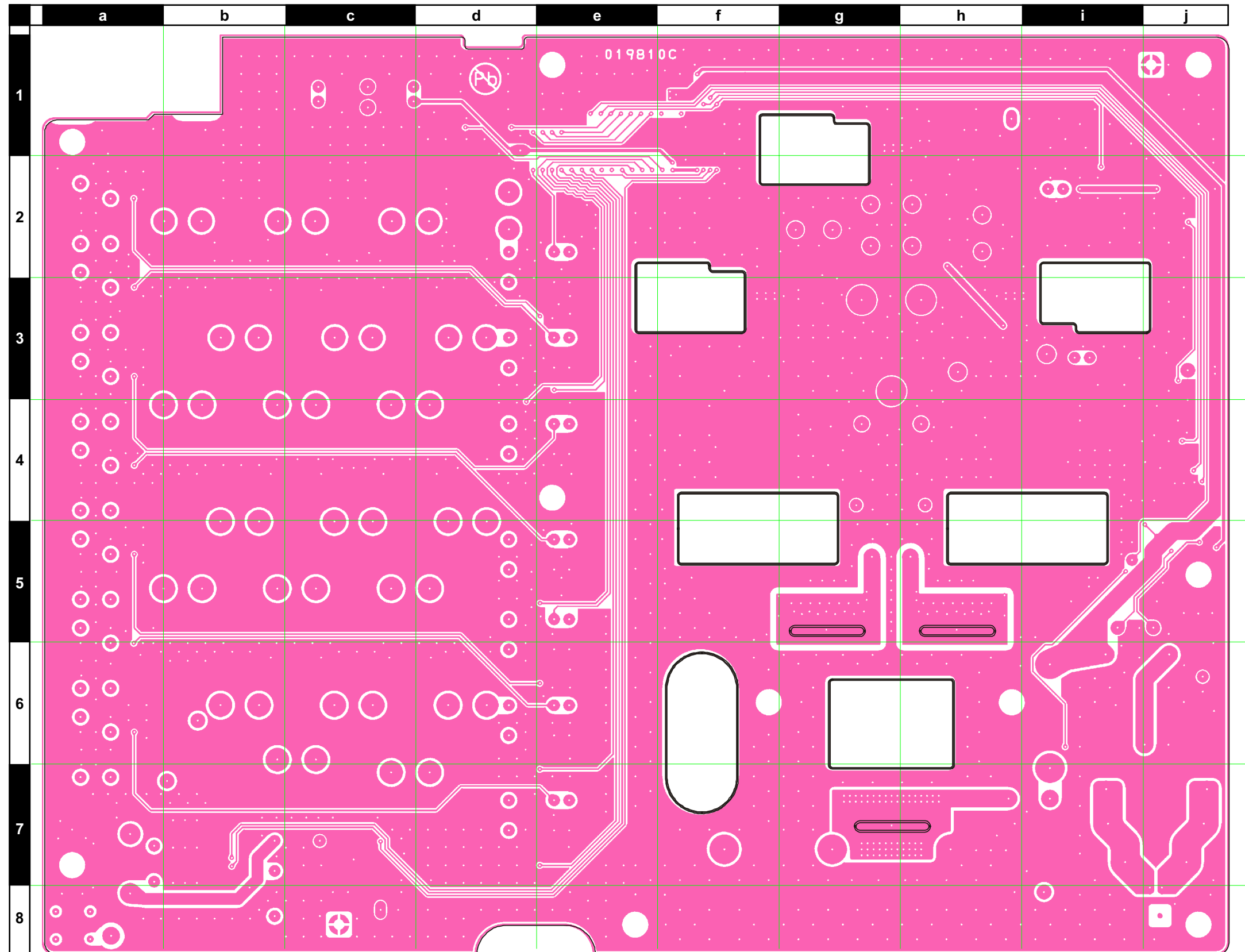


DAN202U (N) (D5010, 5011)



PA Unit

Parts Layout (Side B)



REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
PCB with Components						CS2056101				
Printed Circuit Board						FR019810C			1-	
C 5002	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H1
C 5003	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	H1
C 5004	AL.ELECTRO.CAP.	220uF	16V		RE2-16V221MG3#	K40129048		1-	A	H1
C 5005	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5008	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5010	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5012	CHIP CAP.	0.001uF	50V	B	GRM216B11H102KA01D	K22170825		1-	A	C1
C 5013	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	C1
C 5015	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	C1
C 5016	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5018	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5019	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 5020	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5021	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 5022	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 5023	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5024	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E1
C 5025	CHIP CAP.	0.047uF	50V	B	GRM21BB11H473KA01L	K22170823		1-	A	C2
C 5026	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5027	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	E2
C 5028	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5029	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5030	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F1
C 5031	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	F2
C 5032	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	G1
C 5033	CHIP CAP.	27pF	50V	CH	GRM2162C1H270JZ01D	K22170221		1-	A	C2
C 5034	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	C2
C 5036	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 5037	AL.ELECTRO.CAP.	10uF	25V		EMVA250ADA100MD55G	K48140014		1-	A	A2
C 5039	CHIP CAP.	0.001uF	50V	B	GRM216B11H102KA01D	K22170825		1-	A	B2
C 5041	CHIP CAP.	0.01uF	50V	B	GRM40B103K50PT	K22170826		1-	A	B2
C 5042	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A4
C 5043	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	B2
C 5044	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	D2
C 5045	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	D2
C 5046	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	C2
C 5048	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A2
C 5049	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A4
C 5050	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A4
C 5052	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A4
C 5053	AL.ELECTRO.CAP.	10uF	25V		EMVA250ADA100MD55G	K48140014		1-	A	B2
C 5055	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A4
C 5056	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	D3
C 5057	CHIP CAP.	68pF	50V	CH	GRM1882C1H680JA01D	K22174231		1-	A	C3
C 5058	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A4
C 5059	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	D2
C 5061	CHIP CAP.	0.01uF	50V	B	GRM40B103K50PT	K22170826		1-	A	D2
C 5063	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A5
C 5064	CHIP CAP.	0.001uF	50V	B	GRM216B11H102KA01D	K22170825		1-	A	D2
C 5065	CHIP CAP.	0.1uF	16V	B	GRM188B11C104KA01D	K22124805		1-	A	A1
C 5066	AL.ELECTRO.CAP.	10uF	25V		EMVA250ADA100MD55G	K48140014		1-	A	B3
C 5067	CHIP CAP.	0.047uF	50V	B	GRM21BB11H473KA01L	K22170823		1-	A	D2
C 5068	CHIP CAP.	0.047uF	50V	B	GRM21BB11H473KA01L	K22170823		1-	A	C3
C 5069	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A4
C 5070	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	B3
C 5071	CHIP CAP.	180pF	50V	CH	GRM2162C1H181JA01D	K22170241		1-	A	D3
C 5072	CHIP CAP.	180pF	50V	CH	GRM2162C1H181JA01D	K22170241		1-	A	B2

PA Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 5073	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	A4
C 5075	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	C4
C 5076	CHIP CAP.	470pF	50V	B	GRM216B11H471KA01D	K22170801		1-	A	C3
C 5078	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A5
C 5079	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	D4
C 5080	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	A5
C 5081	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A8
C 5082	CHIP CAP.	0.1uF	250V	X7R	GRM32DR72E104KW01L	K22245801		1-	A	C4
C 5083	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	B4
C 5084	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	E4
C 5087	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A7
C 5090	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A6
C 5094	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	B4
C 5098	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A8
C 5099	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	A4
C 5100	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	E3
C 5101	CHIP CAP.	0.1uF	25V	B	GRM21BB11E104KA01L	K22140811		1-	A	E4
C 5103	FILM CAP.	560pF	100V		UC342A5600J-T	K33209035		1-	A	E5
C 5104	FILM CAP.	560pF	100V		UC342A5600J-T	K33209035		1-	A	B5
C 5105	AL.ELECTRO.CAP.	1000uF	16V		RE3-16V102MH3#	K40129096		1-	A	B8
C 5106	AL.ELECTRO.CAP.	100uF	16V		EEE1CA101WP	K48120012		1-	A	B7
C 5107	CERAMIC CAP.	0.0068uF	200V	SL	GRM55R1X2D682JV01L	K22236101		1-	A	D4
C 5108	CERAMIC CAP.	0.0068uF	200V	SL	GRM55R1X2D682JV01L	K22236101		1-	A	C4
C 5110	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B7
C 5111	FILM CAP.	220pF	500V		UC342H2200J-T	K33279011		1-	A	C5
C 5112	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	B7
C 5113	CHIP CAP.	0.1uF	50V	B	GRM42-6B104K50PT	K22171820		1-	A	C8
C 5114	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	C8
C 5115	CHIP CAP.	0.047uF	50V	B	GRM21BB11H473KA01L	K22170823		1-	A	D8
C 5119	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F3
C 5120	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F4
C 5121	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F4
C 5122	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F5
C 5123	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F6
C 5124	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F7
C 5125	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	F7
C 5126	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H7
C 5128	CHIP CAP.	0.01uF	50V	B	GRM188B11H103KA01D	K22174823		1-	A	H7
C 5129	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	H7
C 5130	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	H7
C 5131	CHIP CAP.	0.001uF	500V	CH	CF43CH102J500AT	K22277222		1-	A	G2
C 5132	CHIP CAP.	820pF	500V	CH	1206N821J501LT	K22278232		1-	A	G3
C 5133	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	G4
C 5134	CHIP CAP.	220pF	500V	CH	1206N221J501LT	K22278225		1-	A	G4
C 5135	CHIP CAP.	120pF	200V	CH	GRM21B2C2D121JV01L	K22230229		1-	A	G5
C 5136	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	G6
C 5137	CHIP CAP.	39pF	200V	CH	GRM2192C2D390JV01D	K22230223		1-	A	G7
C 5138	CHIP CAP.	330pF	500V	CH	1206N331J501LT	K22278227		1-	A	G2
C 5139	CHIP CAP.	39pF	200V	CH	GRM2192C2D390JV01D	K22230223		1-	A	F3
C 5141	CHIP CAP.	180pF	500V	CH	1206N181J501LT	K22278224		1-	A	F4
C 5142	CHIP CAP.	100pF	200V	CH	GRM21B2C2D101JV01L	K22230228		1-	A	G5
C 5143	CHIP CAP.	33pF	200V	CH	GRM2192C2D330JV01D	K22230222		1-	A	F6
C 5144	CHIP CAP.	39pF	200V	CH	GRM2192C2D390JV01D	K22230223		1-	A	G7
C 5145	CHIP CAP.	220pF	500V	CH	1206N221J501LT	K22278225		1-	A	G2
C 5146	CHIP CAP.	10pF	200V	CH	GRM2192C2D100JV01D	K22230216		1-	A	G1
C 5147	CHIP CAP.	82pF	200V	CH	GRM21B2C2D820JV01L	K22230227		1-	A	G4
C 5148	CHIP CAP.	68pF	200V	CH	GRM21B2C2D680JV01L	K22230226		1-	A	G4
C 5149	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	G3
C 5151	CHIP CAP.	27pF	200V	CH	GRM2192C2D270JV01D	K22230221		1-	A	G5

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 5152	CHIP CAP.	22pF	200V	CH	GRM2192C2D220JV01D	K22230220		1-	A	G5
C 5153	CHIP CAP.	39pF	200V	CH	GRM2192C2D390JV01D	K22230223		1-	A	G5
C 5154	CHIP CAP.	10pF	200V	CH	GRM2192C2D100JV01D	K22230216		1-	A	G5
C 5155	CHIP CAP.	22pF	200V	CH	GRM2192C2D220JV01D	K22230220		1-	A	G7
C 5156	CHIP CAP.	10pF	200V	CH	GRM2192C2D100JV01D	K22230216		1-	A	G7
C 5157	CHIP CAP.	8pF	200V	CH	GRM2192C2D8R0DY21D	K22230214		1-	A	G6
C 5158	CHIP CAP.	8pF	200V	CH	GRM2192C2D8R0DY21D	K22230214		1-	A	G6
C 5159	CHIP CAP.	330pF	500V	CH	1206N331J501LT	K22278227		1-	A	H2
C 5160	CHIP CAP.	0.001uF	500V	CH	CF43CH102J500AT	K22277222		1-	A	H2
C 5161	CHIP CAP.	820pF	500V	CH	1206N821J501LT	K22278232		1-	A	G3
C 5162	CHIP CAP.	470pF	500V	CH	1206N471J501LT	K22278229		1-	A	H4
C 5163	CHIP CAP.	470pF	500V	CH	1206N471J501LT	K22278229		1-	A	G4
C 5164	CHIP CAP.	180pF	500V	CH	1206N181J501LT	K22278224		1-	A	H6
C 5165	CHIP CAP.	150pF	500V	CH	1206N151J501LT	K22278223		1-	A	G6
C 5166	CHIP CAP.	150pF	500V	CH	1206N151J501LT	K22278223		1-	A	H7
C 5167	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I7
C 5168	CHIP CAP.	0.001uF	50V	B	GRM188B11H102KA01D	K22174821		1-	A	I8
C 5169	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	H2
C 5170	CHIP CAP.	390pF	500V	CH	1206N391J501LT	K22278228		1-	A	G3
C 5171	CHIP CAP.	330pF	500V	CH	1206N331J501LT	K22278227		1-	A	H4
C 5172	CHIP CAP.	180pF	500V	CH	1206N181J501LT	K22278224		1-	A	G4
C 5173	CHIP CAP.	150pF	500V	CH	1206N151J501LT	K22278223		1-	A	H6
C 5174	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	G6
C 5176	CHIP CAP.	330pF	500V	CH	1206N331J501LT	K22278227		1-	A	H4
C 5177	CHIP CAP.	120pF	200V	CH	GRM21B2C2D121JV01L	K22230229		1-	A	H4
C 5178	CHIP CAP.	680pF	500V	CH	CF43CH681J500AT	K22277218		1-	A	H1
C 5179	CHIP CAP.	18pF	200V	CH	GRM2192C2D180JV01D	K22230219		1-	A	H1
C 5180	CHIP CAP.	270pF	500V	CH	1206N271J501LT	K22278226		1-	A	H3
C 5181	CHIP CAP.	27pF	200V	CH	GRM2192C2D270JV01D	K22230221		1-	A	H3
C 5182	CHIP CAP.	100pF	200V	CH	GRM21B2C2D101JV01L	K22230228		1-	A	H5
C 5183	CHIP CAP.	47pF	200V	CH	GRM2192C2D470JV01D	K22230224		1-	A	H5
C 5184	CHIP CAP.	120pF	200V	CH	GRM21B2C2D121JV01L	K22230229		1-	A	H5
C 5186	CHIP CAP.	47pF	200V	CH	GRM2192C2D470JV01D	K22230224		1-	A	H7
C 5187	CHIP CAP.	27pF	200V	CH	GRM2192C2D270JV01D	K22230221		1-	A	H7
C 5188	CHIP CAP.	27pF	200V	CH	GRM2192C2D270JV01D	K22230221		1-	A	H6
C 5189	CHIP CAP.	22pF	200V	CH	GRM2192C2D220JV01D	K22230220		1-	A	H6
C 5190	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	I7
C 5191	CHIP CAP.	0.022uF	50V	B	GRM188B11H223KA01D	K22174839		1-	A	I8
C 5192	CHIP CAP.	0.001uF	500V	CH	CF43CH102J500AT	K22277222		1-	A	I2
C 5193	CHIP CAP.	820pF	500V	CH	1206N821J501LT	K22278232		1-	A	H3
C 5194	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	I4
C 5195	CHIP CAP.	270pF	500V	CH	1206N271J501LT	K22278226		1-	A	H4
C 5196	CHIP CAP.	180pF	500V	CH	1206N181J501LT	K22278224		1-	A	I6
C 5197	CHIP CAP.	120pF	500V	CH	1206N121J501LT	K22278222		1-	A	H6
C 5198	CHIP CAP.	56pF	500V	CH	1206N560J501LT	K22278218		1-	A	I7
C 5199	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	I7
C 5200	CHIP CAP.	220pF	50V	CH	GRM1882C1H221JA01D	K22174243		1-	A	I8
C 5201	CHIP CAP.	470pF	500V	CH	1206N471J501LT	K22278229		1-	A	I2
C 5202	CHIP CAP.	120pF	500V	CH	1206N121J501LT	K22278222		1-	A	H3
C 5203	CHIP CAP.	56pF	200V	CH	GRM2192C2D560JV01D	K22230225		1-	A	I4
C 5204	CHIP CAP.	270pF	500V	CH	1206N271J501LT	K22278226		1-	A	H4
C 5205	CHIP CAP.	82pF	200V	CH	GRM21B2C2D820JV01L	K22230227		1-	A	I6
C 5206	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	H6
C 5207	CHIP CAP.	56pF	500V	CH	1206N560J501LT	K22278218		1-	A	I7
C 5208	CHIP CAP.	10pF	200V	CH	GRM2192C2D100JV01D	K22230216		1-	A	I8
C 5209	CHIP CAP.	820pF	500V	CH	1206N821J501LT	K22278232		1-	A	I1
C 5210	CHIP CAP.	680pF	500V	CH	1206N681J501LT	K22278231		1-	A	I1
C 5211	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	I2
C 5212	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	I4

PA Unit

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
C 5213	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	I4
C 5214	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	I3
C 5216	CHIP CAP.	180pF	500V	CH	1206N181J501LT	K22278224		1-	A	I5
C 5217	CHIP CAP.	150pF	500V	CH	1206N151J501LT	K22278223		1-	A	I5
C 5218	CHIP CAP.	270pF	500V	CH	1206N271J501LT	K22278226		1-	A	I5
C 5219	CHIP CAP.	27pF	200V	CH	GRM2192C2D270JV01D	K22230221		1-	A	I5
C 5220	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	I7
C 5221	CHIP CAP.	56pF	200V	CH	GRM2192C2D560JV01D	K22230225		1-	A	I7
C 5222	CHIP CAP.	68pF	200V	CH	GRM21B2C2D680JV01L	K22230226		1-	A	I6
C 5223	CHIP CAP.	39pF	200V	CH	GRM2192C2D390JV01D	K22230223		1-	A	I6
C 5224	CHIP CAP.	39pF	50V	CH	GRM1882C1H390JA01D	K22174225		1-	A	I7
C 5226	CHIP CAP.	560pF	500V	CH	1206N561J501LT	K22278230		1-	A	J2
C 5227	CHIP CAP.	390pF	500V	CH	1206N391J501LT	K22278228		1-	A	J3
C 5228	CHIP CAP.	270pF	500V	CH	1206N271J501LT	K22278226		1-	A	J4
C 5229	CHIP CAP.	150pF	500V	CH	1206N151J501LT	K22278223		1-	A	J4
C 5230	CHIP CAP.	100pF	500V	CH	1206N101J501LT	K22278221		1-	A	J5
C 5231	CHIP CAP.	33pF	500V	CH	1206N330J501LT	K22278215		1-	A	J6
C 5232	CHIP CAP.	22pF	500V	CH	1206N220J501LT	K22278213		1-	A	J7
C 5233	CHIP CAP.	100pF	200V	CH	GRM21B2C2D101JV01L	K22230228		1-	A	J2
C 5234	CHIP CAP.	39pF	200V	CH	GRM2192C2D390JV01D	K22230223		1-	A	J3
C 5237	CHIP CAP.	22pF	500V	CH	1206N220J501LT	K22278213		1-	A	J7
C 5238	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J2
C 5239	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J3
C 5240	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J3
C 5241	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J4
C 5242	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J5
C 5243	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J6
C 5244	CHIP CAP.	0.047uF	25V	B	GRM188B11E473KA01D	K22144811		1-	A	J6
C 5245	CHIP CAP.	82pF	200V	CH	GRM21B2C2D820JV01L	K22230227		1-	A	J4
C 5254	CHIP CAP.	10pF	50V	CH	GRM2162C1H100JZ01D	K22170211		1-	A	H7
C 5255	CHIP CAP.	82pF	50V	CH	GRM2162C1H820JZ01D	K22170233		1-	A	H8
C 5256	CHIP CAP.	82pF	50V	CH	GRM2162C1H820JZ01D	K22170233		1-	A	H8
C 5401	FILM CAP.	0.0015uF	100V		UC552A1501J-T	K33209040		1-		
D 5001	DIODE				BAS316	G2070716		1-	A	B2
D 5002	DIODE				BAS316	G2070716		1-	A	A2
D 5003	DIODE				BAS316	G2070716		1-	A	B2
D 5004	DIODE				BAS316	G2070716		1-	A	D2
D 5005	DIODE				SM240LA-T	G2071156		1-	A	A6
D 5006	DIODE				BAS316	G2070716		1-	A	A6
D 5007	DIODE				UDZS TE-17 16B	G2070914		1-	A	A5
D 5008	DIODE				BAS316	G2070716		1-	A	A5
D 5009	DIODE				BAS316	G2070716		1-	A	A5
D 5010	DIODE				DAN202U T106	G2070162		1-	A	B4
D 5011	DIODE				DAN202U T106	G2070162		1-	A	E4
D 5012	DIODE				BAS316	G2070716		1-	A	F3
D 5013	DIODE				BAS316	G2070716		1-	A	F3
D 5014	DIODE				BAS316	G2070716		1-	A	F4
D 5015	DIODE				BAS316	G2070716		1-	A	F5
D 5016	DIODE				BAS316	G2070716		1-	A	F6
D 5017	DIODE				BAS316	G2070716		1-	A	F7
D 5018	DIODE				BAS316	G2070716		1-	A	F7
D 5019	DIODE				BAS316	G2070716		1-	A	H7
D 5021	DIODE				MA729-(TX)	G2070320		1-	A	I7
D 5022	DIODE				MA729-(TX)	G2070320		1-	A	I8
D 5023	SURGE ABSORBER				RHCA-301Q43U	Q9000827		1-	A	J8
J 5001	CONNECTOR				B2B-EH(LF)(SN)	P0090666		1-	A	H1
J 5002	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	B1
J 5003	CONNECTOR				30FLT-SM2-TB(LF)(SN)(M)	P1091142		1-	A	F1
J 5004	CONNECTOR				B2B-EH(LF)(SN)	P0090666		1-	A	G1

REF.	DESCRIPTION	VALUE	V/W		MFR'S DESIG	VXSTD P/N	VERS.		SIDE	LAY ADR
J 5005	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	B2
J 5006	CONNECTOR				SC25-02WS	P0090621		1-	A	F1
J 5007	CONNECTOR				IMSA-9202B-1-02-T	P0091174		1-	A	B3
J 5008	CONNECTOR				TMP-S01X-C1	P1091254		1-	A	H8
L 5001	M.RFC	220uH		10%	ELJ-FA221KF	L1690685		1-	A	C1
L 5002	CHIP COIL	2.2uH			C2520C-2R2K-RK	L1690731		1-	A	C2
L 5003	M.RFC	10uH			7E05NB-100M	L1691221		1-	A	B2
L 5004	TOROIDAL COIL	41uH			41.00U 3A FR9.5°5	L0021432		1-	A	C2
L 5005	TOROIDAL COIL	41uH			41.00U 3A FR9.5°5	L0021432		1-	A	D2
L 5006	RFC WITH BEADS				FB-43-5111	L1020015		1-	A	B3
L 5007	TOROIDAL COIL	6uH			U 6H3 10X5X5	L0022039		1-	A	C5
L 5008	RFC WITH BEADS				3A RI5.8X6.4-2	L1020732		1-	A	B7
L 5009	M.RFC	56uH			LLM3225-560J	L1691142		1-	A	H7
L 5010	TOROIDAL COIL	3.22uH			3.22U T68-2	L0022858		1-	A	G2
L 5011	TOROIDAL COIL	2.24uH			2.24U T68-2	L0022860		1-	A	G3
L 5012	TOROIDAL COIL	1.38uH			1.38U T68-6	L0022956		1-	A	G4
L 5013	TOROIDAL COIL	0.96uH			0.96U T68-6	L0022913		1-	A	G5
L 5014	TOROIDAL COIL	0.62uH			0.62U T68-6	L0022949		1-	A	G5
L 5015	TOROIDAL COIL	0.43uH			0.43U T68-6	L0022910		1-	A	G6
L 5016	TOROIDAL COIL	0.27uH			0.27U T68-6	L0022909		1-	A	G7
L 5017	TOROIDAL COIL	1.61uH			1.61U T68-2	L0022862		1-	A	H3
L 5018	TOROIDAL COIL	2.69uH			2.69U T68-2	L0022859		1-	A	H2
L 5019	TOROIDAL COIL	1.1uH			1.10U T68-6	L0022914		1-	A	H4
L 5020	TOROIDAL COIL	0.84uH			0.84U T68-6	L0022912		1-	A	H5
L 5021	TOROIDAL COIL	0.52uH			0.52U T68-6	L0022952		1-	A	H5
L 5022	TOROIDAL COIL	0.35uH			0.35U T68-6	L0022951		1-	A	H6
L 5023	TOROIDAL COIL	0.21uH			0.21U T68-6	L0022953		1-	A	H7
L 5024	M.RFC	470uH			FLC32T-471J	L1690235		1-	A	I8
L 5025	M.RFC	470uH			FLC32T-471J	L1690235		1-	A	I7
L 5026	TOROIDAL COIL	1.51uH			1.51U T68-2	L0022955		1-	A	I2
L 5027	TOROIDAL COIL	0.85uH			0.85U T68-2	L0022863		1-	A	I3
L 5028	TOROIDAL COIL	0.72uH			0.72U T68-6	L0022911		1-	A	I4
L 5029	TOROIDAL COIL	0.52uH			0.52U T68-6	L0022952		1-	A	I5
L 5030	TOROIDAL COIL	0.27uH			0.27U T68-6	L0022909		1-	A	I5
L 5031	TOROIDAL COIL	0.21uH			0.21U T68-6	L0022953		1-	A	I6
L 5032	COIL A1				3.5T9.0D1.2UEW R	L0022145		1-	A	I6
L 5033	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	D3
L 5034	M.RFC	3.3uH			LLM3225-3R3J	L1691127		1-	A	C3
L 5036	M.RFC	0.22uH			LLM3225-R22J	L1691113		1-	A	H8
P 5001	CONNECTOR				IMSA-9206H-T	P1090988		1-		
P 5002	CONNECTOR				IMSA-9206H-T	P1090988		1-		
Q 5001	TRANSISTOR				DTD123TK T146	G3070378		1-	A	G1
Q 5002	FET				RD06HHF1-01	G3090145		1-	A	D1
Q 5003	TRANSISTOR				DTD123TK T146	G3070378		1-	A	G1
Q 5004	IC				HA178L09UA-TL-E	G1094350		1-	A	A2
Q 5005	IC				TA75S01F(TE85R.F)	G1091593		1-	A	A4
Q 5006	TRANSISTOR				UMD5N TR	G3070343		1-	A	B1
Q 5007	FET				RD16HHF1	G3090148		1-	A	E3
Q 5008	FET				RD16HHF1	G3090148		1-	A	A3
Q 5009	TRANSISTOR				DTC124GUA T106	G3070184		1-	A	A5
Q 5010	TRANSISTOR				DTC114TE TL	G3070225		1-	A	A5
Q 5011	FET				RD100HHF1-101	G3090151		1-	A	D5
Q 5012	FET				RD100HHF1-101	G3090151		1-	A	B5
R 5001	CHIP RES.	330	1/10W	5%	RMC1/10T 331J	J24205331		1-	A	B1
R 5002	CHIP RES.	18	1/10W	5%	RMC1/10T 180J	J24205180		1-	A	C1
R 5003	CHIP RES.	330	1/10W	5%	RMC1/10T 331J	J24205331		1-	A	C1
R 5004	CHIP RES.	33	1W	5%	RMC1 330JTE	J24305330		1-	A	G1
R 5005	CHIP RES.	33	1W	5%	RMC1 330JTE	J24305330		1-	A	G1
R 5006	CHIP RES.	820	1/16W	5%	RMC1/16 821JATP	J24185821		1-	A	C1

PA Unit

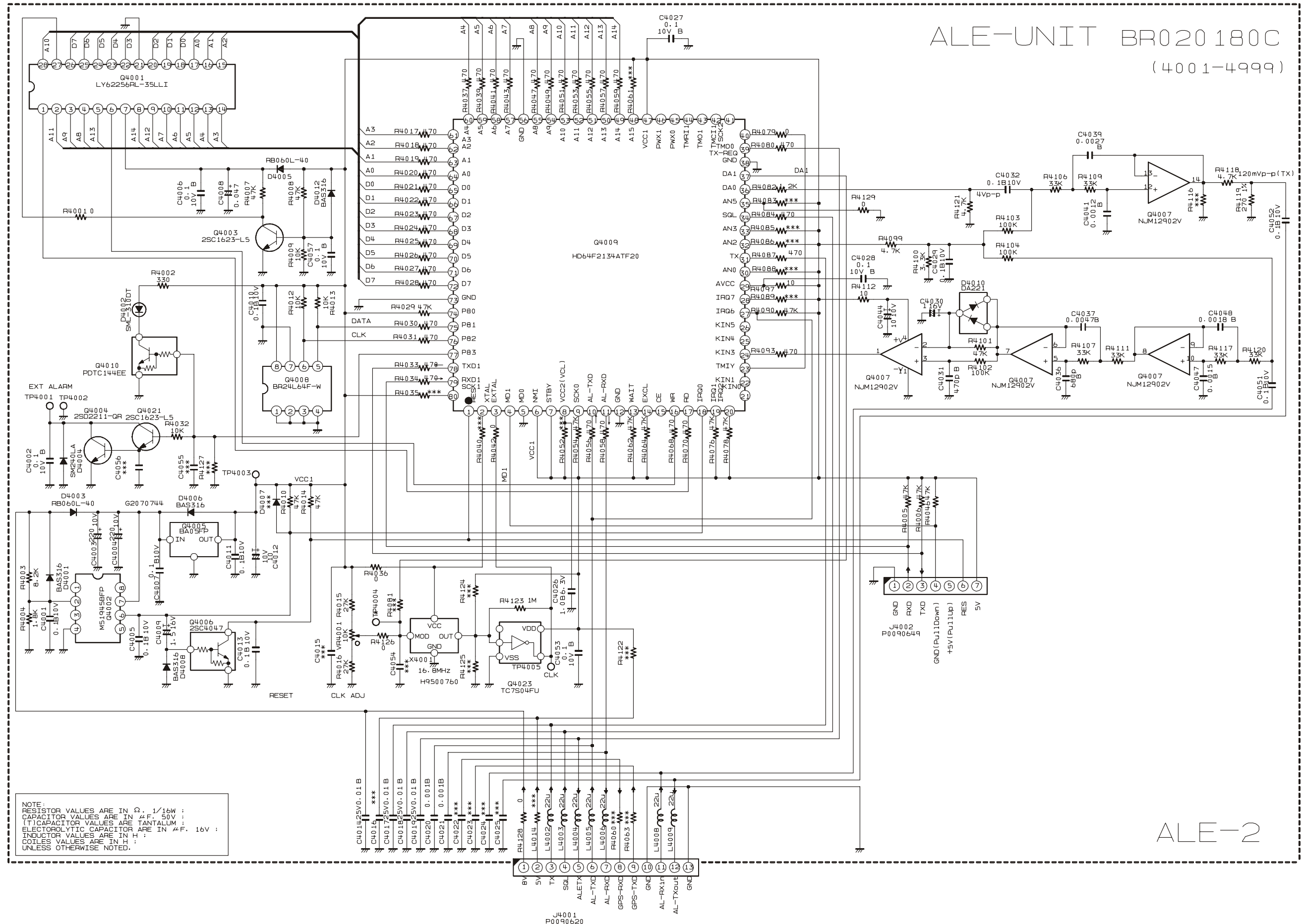
Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 5007	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	B2
R 5008	CHIP RES.	680	1/4W	5%	RMC1/4 681JATP	J24245681		1-	A	C1
R 5009	CHIP RES.	1.8k	1/16W	5%	RMC1/16 182JATP	J24185182		1-	A	C1
R 5010	CHIP RES.	100	1W	5%	RMC1 101JTE	J24305101		1-	A	G1
R 5011	CHIP RES.	100	1W	5%	RMC1 101JTE	J24305101		1-	A	G1
R 5013	CHIP RES.	470	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	C2
R 5015	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	B2
R 5017	CHIP RES.	330k	1/10W	0.5%	RR1220R-334-D-T5	J24209231		1-	A	A4
R 5018	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	A4
R 5019	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	B2
R 5021	CHIP RES.	2.7k	1/16W	5%	RMC1/16 272JATP	J24185272		1-	A	A4
R 5022	CHIP RES.	330k	1/10W	0.5%	RR1220R-334-D-T5	J24209231		1-	A	A4
R 5024	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D2
R 5025	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	E2
R 5028	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	A4
R 5029	CHIP RES.	47	1/2W	5%	RK73B2HTE47-OHMJ	J24279013		1-	A	C2
R 5030	CHIP RES.	47	1/2W	5%	RK73B2HTE47-OHMJ	J24279013		1-	A	D2
R 5031	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	A	A4
R 5032	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	D3
R 5033	CHIP RES.	100	1/16W	5%	RMC1/16 101JATP	J24185101		1-	A	C3
R 5034	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	A	A5
R 5035	CHIP RES.	10k	1/10W	0.1%	RR1220P-103-B	J24209098		1-	A	A5
R 5036	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	A	A5
R 5037	SHUNT RES.	0.006		5%	R006J	J32009020		1-	A	B6
R 5040	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	A	D2
R 5041	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	A	B3
R 5042	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	A	D3
R 5043	CHIP RES.	470	1W	5%	RMC1 471JTE	J24305471		1-	A	C3
R 5044	CHIP RES.	10k	1/10W	0.1%	RR1220P-103-B	J24209098		1-	A	A5
R 5045	CHIP RES.	1.5k	1/10W	0.1%	RR1220P-152-B	J24209078		1-	A	A5
R 5046	CHIP RES.	3.3k	1/16W	5%	RMC1/16 332JATP	J24185332		1-	A	A4
R 5047	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	A5
R 5048	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	A4
R 5049	CHIP RES.	6.8k	1/16W	5%	RMC1/16 682JATP	J24185682		1-	A	E3
R 5050	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	A4
R 5051	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	E3
R 5052	CHIP RES.	1.5	1W	5%	RMC1 1R5JTE	J24305159		1-	A	D4
R 5053	CHIP RES.	1.5	1W	5%	RMC1 1R5JTE	J24305159		1-	A	C4
R 5054	CHIP RES.	1.8	1W	5%	RMC1 1R8JTE	J24305189		1-	A	D4
R 5055	CHIP RES.	1.8	1W	5%	RMC1 1R8JTE	J24305189		1-	A	B4
R 5056	CHIP RES.	22	1W	5%	RMC1 220JTE	J24305220		1-	A	B4
R 5057	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	A4
R 5058	CHIP RES.	22	1W	5%	RMC1 220JTE	J24305220		1-	A	E4
R 5059	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	A	E4
R 5060	CHIP RES.	1k	1/10W	5%	RMC1/10T 102J	J24205102		1-	A	B4
R 5061	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	D4
R 5062	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	B4
R 5063	CHIP RES.	100	1/10W	5%	RMC1/10T 101J	J24205101		1-	A	E4
R 5064	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	D4
R 5065	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	C4
R 5066	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	C4
R 5067	CHIP RES.	10	1W	5%	RMC1 100JTE	J24305100		1-	A	D4
R 5069	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I7
R 5070	CHIP RES.	10k	1/16W	5%	RMC1/16 103JATP	J24185103		1-	A	I8
R 5076	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	I7
R 5077	CHIP RES.	4.7k	1/16W	5%	RMC1/16 472JATP	J24185472		1-	A	I8
R 5079	CHIP RES.	56	1/2W	5%	RMC1/2 560JTE	J24275560		1-	A	I7
R 5080	CHIP RES.	56	1/2W	5%	RMC1/2 560JTE	J24275560		1-	A	I8
R 5081	CHIP RES.	56	1/2W	5%	RMC1/2 560JTE	J24275560		1-	A	I7

REF.	DESCRIPTION	VALUE	V/W		MFR'S DESIG	VXSTD P/N	VERS.		SIDE	LAY ADR
R 5082	CHIP RES.	56	1/2W	5%	RMC1/2 560JTE	J24275560		1-	A	I8
R 5083	CHIP RES.	470	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	D3
R 5084	CHIP RES.	470	1/4W	5%	RMC1/4 471JATP	J24245471		1-	A	C3
R 5085	CHIP RES.	0	1/10W	5%	RMC1/10T 000J	J24205000		1-	A	G2
R 5086	CHIP RES.	100k	1/10W	5%	RMC1/10T 104J	J24205104		1-	A	J8
R 5087	CHIP RES.	1k	1/16W	5%	RMC1/16 102JATP	J24185102		1-	A	B2
R 5088	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	B2
R 5089	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	E2
R 5090	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	A4
R 5091	CHIP RES.	1.2k	1/16W	5%	RMC1/16 122JATP	J24185122		1-	A	E3
RL5001	RELAY		DC12V		ACP331 DC12V	M1190175		1-	A	B6
RL5002	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F3
RL5003	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F3
RL5004	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F4
RL5005	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F5
RL5006	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F6
RL5007	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F6
RL5008	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	F7
RL5009	RELAY		DC12V		AG231344 DC12V	M1190145		1-	A	H7
RL5010	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J2
RL5011	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J3
RL5012	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J3
RL5013	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J4
RL5014	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J5
RL5015	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J6
RL5016	RELAY		DC12V		G5V-1 DC12V	M1190120		1-	A	J6
T 5001	COIL 10WIDE				#223153	L0022857		1-	A	C2
T 5002	COIL PWR-WIDE				D12A RIB10	L0022980A		1-	A	C4
T 5003	TOROIDAL COIL				D12A RI16X8X8(H007)	L0022745		1-	A	A7
T 5004	COIL PWR-WIDE				D12A RIB16	L0022856		1-	A	C7
T 5005	COIL WIDE-TRANS.				#223093	L0022792		1-	A	J8
TC5001	TRIMMER CAP.	20pF			ECR-JA020E11X	K91000228		1-	A	J7
TH5001	THERMISTOR				112103-2	G9090043		1-	A	A5
TH5002	THERMISTOR				157-502-53002TP	G9090049		1-	A	B2
TH5003	THERMISTOR				157-502-53002TP	G9090049		1-	A	B2
TH5004	THERMISTOR				157-502-53002TP	G9090049		1-	A	E2
TH5005	THERMISTOR				157-502-53002TP	G9090049		1-	A	A4
TH5006	THERMISTOR				157-502-53002TP	G9090049		1-	A	E3
VR5001	POT.	2.2k			EVN-5ESX50BE3	J51811222		1-	A	B1
VR5002	POT.	2.2k			EVN-5ESX50BE3	J51811222		1-	A	B2
VR5003	POT.	2.2k			EVN-5ESX50BE3	J51811222		1-	A	E2
VR5004	POT.	2.2k			EVN-5ESX50BE3	J51811222		1-	A	A4
VR5005	POT.	2.2k			EVN-5ESX50BE3	J51811222		1-	A	E3
	GROUND PLATE				(FET)	RA1153600		1-		

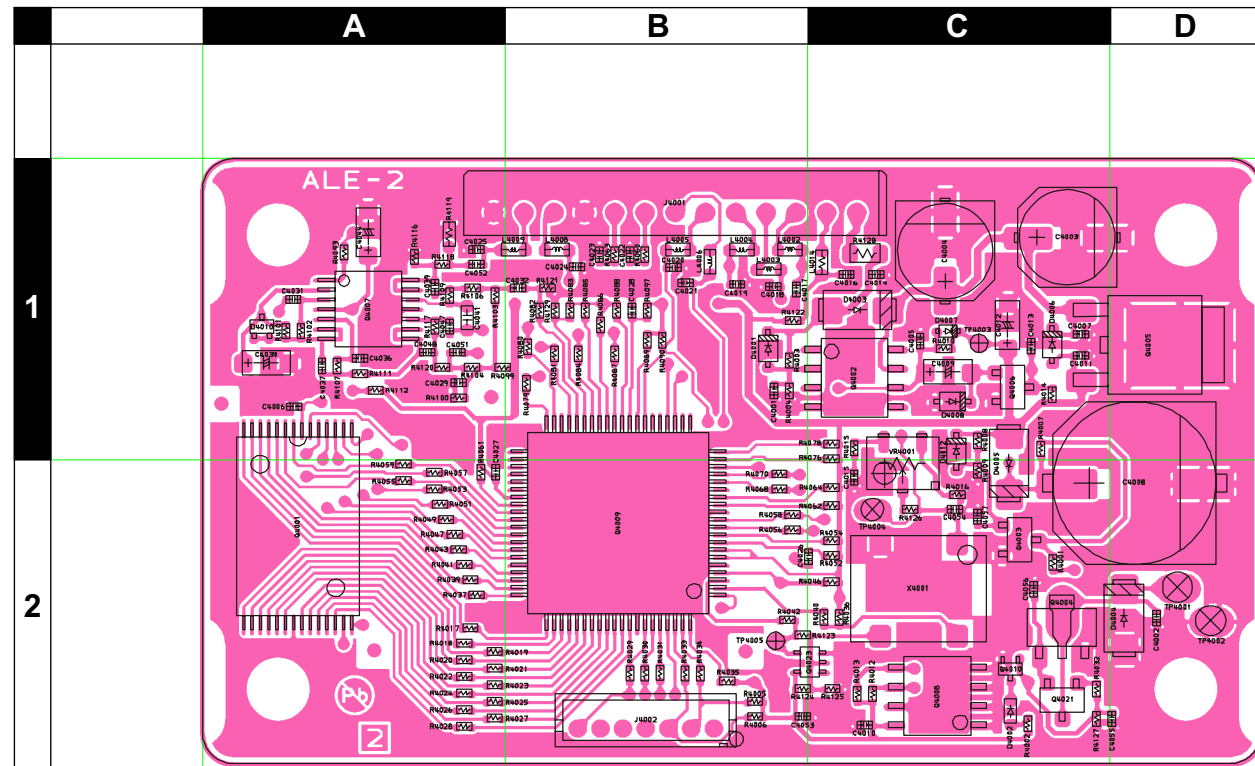
PA Unit

Note

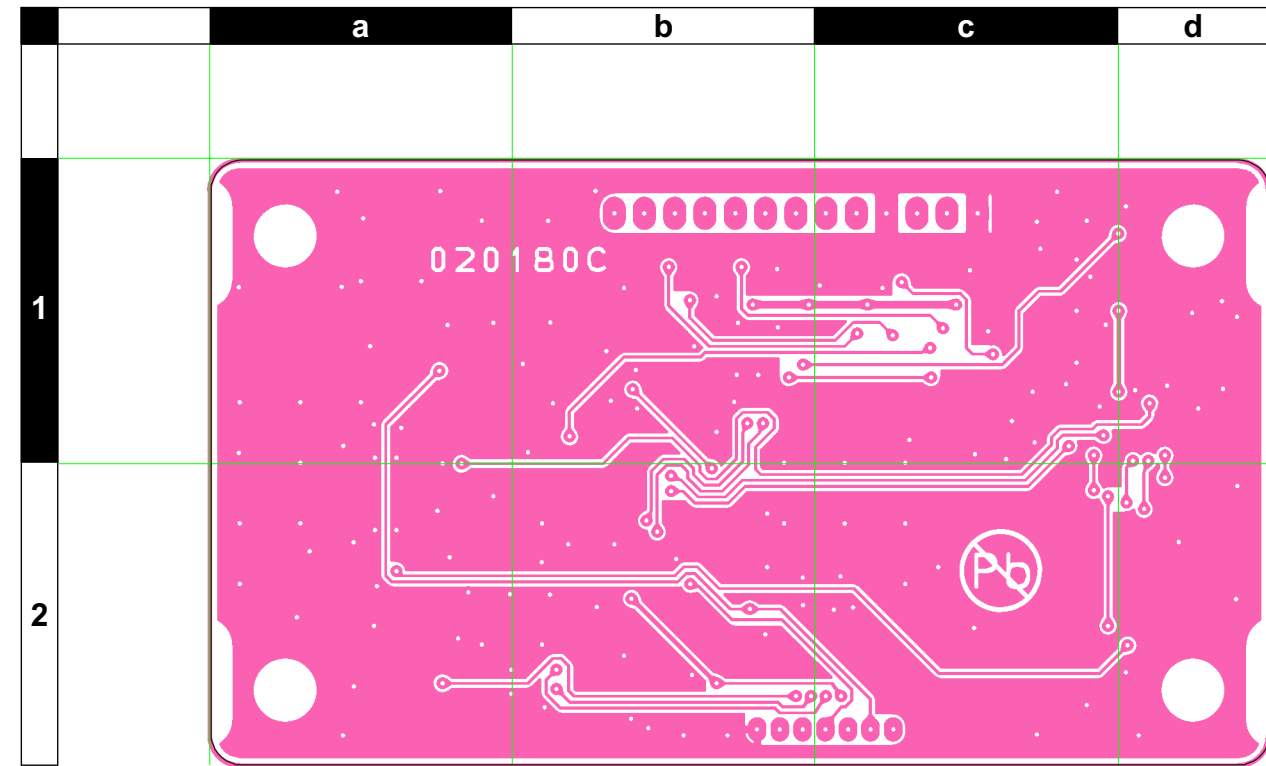


ALE-2 Unit (Option)

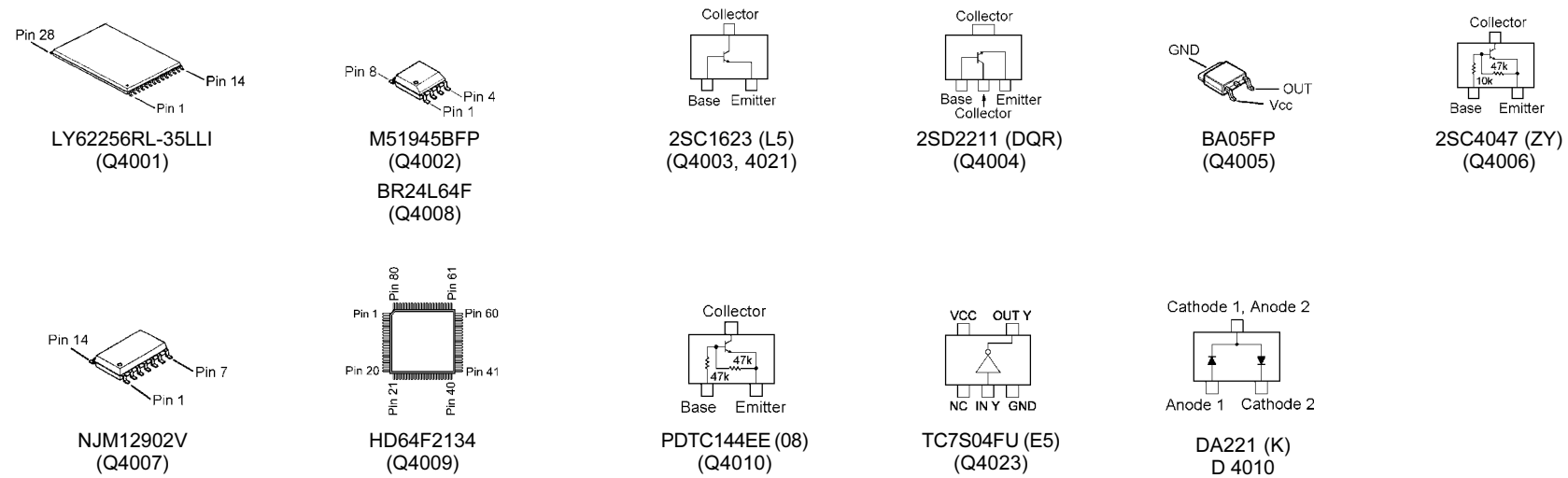
Parts Layout



Side A



Side B



ALE-2 Unit (Option)

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR	
	P.C.B. W/O COMP.					FR020180C			1-		
C 4001	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1	
C 4002	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	D2	
C 4003	AL.ELECTRO.CAP.	220uF	10V		EEE1AA221XP	K48100007		1-	A	C1	
C 4004	AL.ELECTRO.CAP.	220uF	10V		EEE1AA221XP	K48100007		1-	A	C1	
C 4005	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1	
C 4006	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1	
C 4007	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1	
C 4008	CAP.	0.047F			FC0H473ZTBR24	K60070002		1-	A	D2	
C 4009	CHIP TA.CAP.	1.5uF	16V		TEESVA1C155M8R	K78120020		1-	A	C1	
C 4010	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2	
C 4011	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1	
C 4012	CHIP TA.CAP.	10uF	10V		TEESVA1A106M8R	K78100028		1-	A	C1	
C 4013	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C1	
C 4014	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	C1	
C 4017	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1	
C 4018	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1	
C 4019	CHIP CAP.	0.01uF	25V	B	GRM155B11E103KA01D	K22148834		1-	A	B1	
C 4020	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1	
C 4021	CHIP CAP.	0.001uF	50V	B	GRM155B11H102KA01D	K22178809		1-	A	B1	
C 4026	CHIP CAP.	1uF	6.3V	B	GRM155B30J105KE18D	K22088803		1-	A	C2	
C 4027	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A2	
C 4028	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1	
C 4029	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1	
C 4030	CHIP TA.CAP.	1uF	16V		TEESVA1C105M8R	K78120009		1-	A	A1	
C 4031	CHIP CAP.	470pF	50V	B	UMK105B471KW-F	K22178825		1-	A	A1	
C 4032	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B1	
C 4036	CHIP CAP.	680pF	50V	B	UMK105B681KW-F	K22178827		1-	A	A1	
C 4037	CHIP CAP.	0.0047uF	50V	B	GRM155B11H472KA01D	K22178838		1-	A	A1	
C 4039	CHIP CAP.	0.0027uF	50V	B	UMK105B272KW-F	K22178834		1-	A	A1	
C 4041	CHIP CAP.	0.0012uF	50V	B	GRM188B11H122KA01D	K22174826		1-	A	A1	
C 4044	CHIP TA.CAP.	10uF	10V		TAJA106M010Y	K78100072		1-	A	A1	
C 4047	CHIP CAP.	0.0015uF	50V	B	UMK105B152KW-F	K22178831		1-	A	A1	
C 4048	CHIP CAP.	0.0018uF	50V	B	UMK105B182KW-F	K22178832		1-	A	A1	
C 4051	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1	
C 4052	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	A1	
C 4053	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	B2	
C 4057	CHIP CAP.	0.1uF	10V	B	GRM155B11A104KA01D	K22108802		1-	A	C2	
D 4001	DIODE				BAS316	G2070716		1-	A	B1	
D 4002	LED				SML-310DTT86KL	G2071024		1-	A	C2	
D 4003	DIODE				RB060L-40 TE25	G2070744		1-	A	C1	
D 4004	DIODE				SM240LA-T	G2071156		1-	A	D2	
D 4005	DIODE				RB060L-40 TE25	G2070744		1-	A	C2	
D 4006	DIODE				BAS316	G2070716		1-	A	C1	
D 4008	DIODE				BAS316	G2070716		1-	A	C1	
D 4010	DIODE				DA221 TL	G2070178		1-	A	A1	
D 4012	DIODE				BAS316	G2070716		1-	A	C1	
J 4001	CONNECTOR				SB20-13WS	P0090620		1-	A	C1	
J 4002	CONNECTOR				B7B-ZR(LF)(SN)	P0090649		1-	A	B2	
L 4002	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
L 4003	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
L 4004	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
L 4005	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
L 4006	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
L 4008	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
L 4009	M.RFC	22uH			LK1608 220M-T	L1691030		1-	A	B1	
Q 4001	IC				LY62256RL-35LLI	G1094286		1-	A	A2	
Q 4002	IC				M51945BFFP-CFOR	G1091990		1-	A	C1	
Q 4003	TRANSISTOR				2SC1623-T2BL5	G3316237E		1-	A	C2	
Q 4004	TRANSISTOR				2SD2211 T100 QR	G3422117Q		1-	A	C2	
Q 4005	IC				BA05FP-E2	G1093209		1-	A	D1	
Q 4006	TRANSISTOR				2SC4047-TA	G3340477		1-	A	C1	
Q 4007	IC				NJM12902V-TE1	G1093592		1-	A	A1	
Q 4008	IC				BR24L64F-WE2	G1093876		1-	A	C2	
Q 4009	IC				HD64F2134ATF20V	*		1-	A	B2	
Q 4010	TRANSISTOR				PDTC144EE	G3070244		1-	A	C2	
Q 4021	TRANSISTOR				2SC1623-T2BL5	G3316237E		1-	A	C2	
Q 4023	IC				TC7S04FU(TE85R.F)	G1091530		1-	A	C2	
R 4001	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C2	
R 4002	CHIP RES.	330	1/16W	5%	RMC1/16S 331JTH	J24189019		1-	A	C2	
R 4003	CHIP RES.	8.2k	1/16W	5%	RMC1/16S 822JTH	J24189036		1-	A	B1	

ALE-2 Unit (Option)

Parts List

REF.	DESCRIPTION	VALUE	V/W	TOL.	MFR'S DESIG	VXSTD P/N	VERS.	LOT.	SIDE	LAY ADR
R 4004	CHIP RES.	1.8k	1/16W	5%	RMC1/16S 182JTH	J24189028		1-	A	B1
R 4005	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 4006	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 4007	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 4008	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 4009	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 4010	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 4012	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 4013	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 4014	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 4015	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	A	C1
R 4016	CHIP RES.	27k	1/16W	5%	RMC1/16S 273JTH	J24189042		1-	A	C2
R 4017	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4018	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4019	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4020	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4021	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4022	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4023	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4024	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4025	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4026	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4027	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4028	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4029	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B2
R 4030	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4031	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4032	CHIP RES.	10k	1/16W	5%	RMC1/16S 103JTH	J24189037		1-	A	C2
R 4033	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4034	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4036	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	C2
R 4037	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4039	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4041	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4042	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B2
R 4043	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4046	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 4047	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4049	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4051	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4053	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4054	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 4055	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4056	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4057	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4058	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4059	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A2
R 4062	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 4064	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C2
R 4068	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4070	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B2
R 4076	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 4078	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	C1
R 4079	CHIP RES.	0	1/16W	5%	RMC1/16S JPTH	J24189070		1-	A	B1
R 4080	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B1
R 4082	CHIP RES.	1.2k	1/16W	5%	RMC1/16S 122JTH	J24189026		1-	A	B1
R 4084	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B1
R 4087	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	B1
R 4090	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	B1
R 4093	CHIP RES.	470	1/16W	5%	RMC1/16S 471JTH	J24189021		1-	A	A1
R 4097	CHIP RES.	10	1/16W	5%	RMC1/16S 100JTH	J24189001		1-	A	B1
R 4099	CHIP RES.	4.7k	1/16W	5%	RMC1/16S 472JTH	J24189033		1-	A	A1
R 4100	CHIP RES.	3.3k	1/16W	5%	RMC1/16S 332JTH	J24189031		1-	A	A1
R 4101	CHIP RES.	47k	1/16W	5%	RMC1/16S 473JTH	J24189045		1-	A	A1
R 4102	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 4103	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 4104	CHIP RES.	100k	1/16W	5%	RMC1/16S 104JTH	J24189049		1-	A	A1
R 4106	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A1
R 4107	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A1
R 4109	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A1
R 4111	CHIP RES.	33k	1/16W	5%	RMC1/16S 333JTH	J24189043		1-	A	A1

ALE-2 Unit (Option)

Note



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