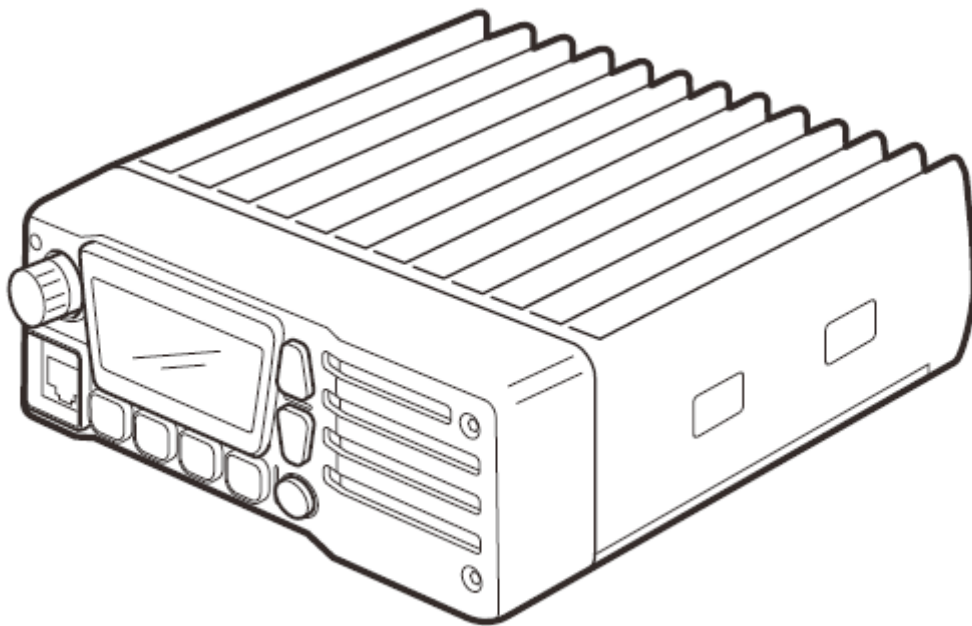




**VHF AIR BAND TRANSCEIVER**

**FL-M1000A/E**

**SERVICE MANUAL**



12830 E. Mirabeau Parkway Spokane Valley, WA 99216 USA

## INTRODUCTION

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This service manual describes the latest service information for FL-M1000A/E VHF AIR BAND TRANSCEIVER at the time of publication.

To upgrade quality, any electrical or mechanical parts and internal circuits are subject to change without notice or obligation.

## DANGER

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Never connect the transceiver to an AC outlet or to a DC power supply that uses more than 33V. This will ruin the transceiver.

Do not expose the transceiver to rain, snow or any liquids.

Do not reverse the polarities of the power supply when connecting the transceiver.

Do not apply an RF signal of more than 17dBm (50mW) to the antenna connector. This could damage the transceiver's front end.

## ORDERING PARTS

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Be sure to include the following four points when ordering replacement parts:

1. 13-digit order numbers
2. Component part number and name
3. Equipment model name
4. Quantity required

## REPAIR NOTES

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1. Make sure a problem is internal before disassembling the transceiver.
2. Do not open the transceiver until the transceiver is disconnected from its power source.
3. Do not force any of the variable components. Turn them slowly and smoothly.
4. Do not short any circuits or electric parts. An insulated tuning tool must be used for all adjustments.
5. Do not keep power on for a long time when the transceiver is defective.
6. Do not transmit power into a signal generator or a sweep generator.
7. Always connect a 50 dB to 60 dB attenuator between the transceiver and a deviation meter or spectrum analyzer when using such test equipment.
8. Read the instructions of test equipment thoroughly before connecting equipment to the transceiver.

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## SECTION 1 SPECIFICATIONS

### General

- Frequency range : 118.00 to 136.975MHz
- Channel spacing FL-M1000A : 25 kHz  
FL-M1000E : 8.33 kHz
- Mode : AM (6K00A3E)
- Number of memory channels : 32
- Acceptable power supply : 11.7 V or 31 VDC (Negative ground only)
- Usable temp. range : -30°C to +60°C
- Frequency stability : +/- 5ppm
- Current drain : TX: 6A(max) RX :6A(max)  
Standby: 260mA
- Dimensions : W150 X D190 X H50 (mm)
- Weight : 1700g

### Transmitter

- Output power : 9 W (carrier), 36W (pep)
- Modulation : Last stage modulation
- Modulation limiting : 70 to 100%
- Audio harmonics distortion : Less than 15% (at 85% modulation)
- Hum and noise ratio : More than 40dB
- Spurious emissions : -16dBm or less
- Antenna impedance : 50 Ω

### Receiver

- Receive system : Double conversion super-heterodyne
- Intermediate frequency : 1st : 38.85MHz (Upper) 2nd : 450kHz  
(Lower)
- Sensitivity (at 6dB S/N) : Less than 1uV
- Squelch sensitivity : 0.5uV (Threshold)
- Selectivity FL-M1000A/E: More than ±8kHz (at 6dB)  
: Less than ±25kHz (at 60dB)  
FL-M1000E : More than ±2.778kHz (at 6dB)  
: Less than ±7.37kHz (at 60dB)
- Spurious response rejection : More than 60dB
- Audio output power : More than 15W (at 4 Ω)
- Side tone : More than 100mW (at 600 Ω)
- Hum and noise : More than 25dB
- Audio output impedance : Ext. SP 4 Ω (4 to 8 Ω)  
Side tone 600 Ω

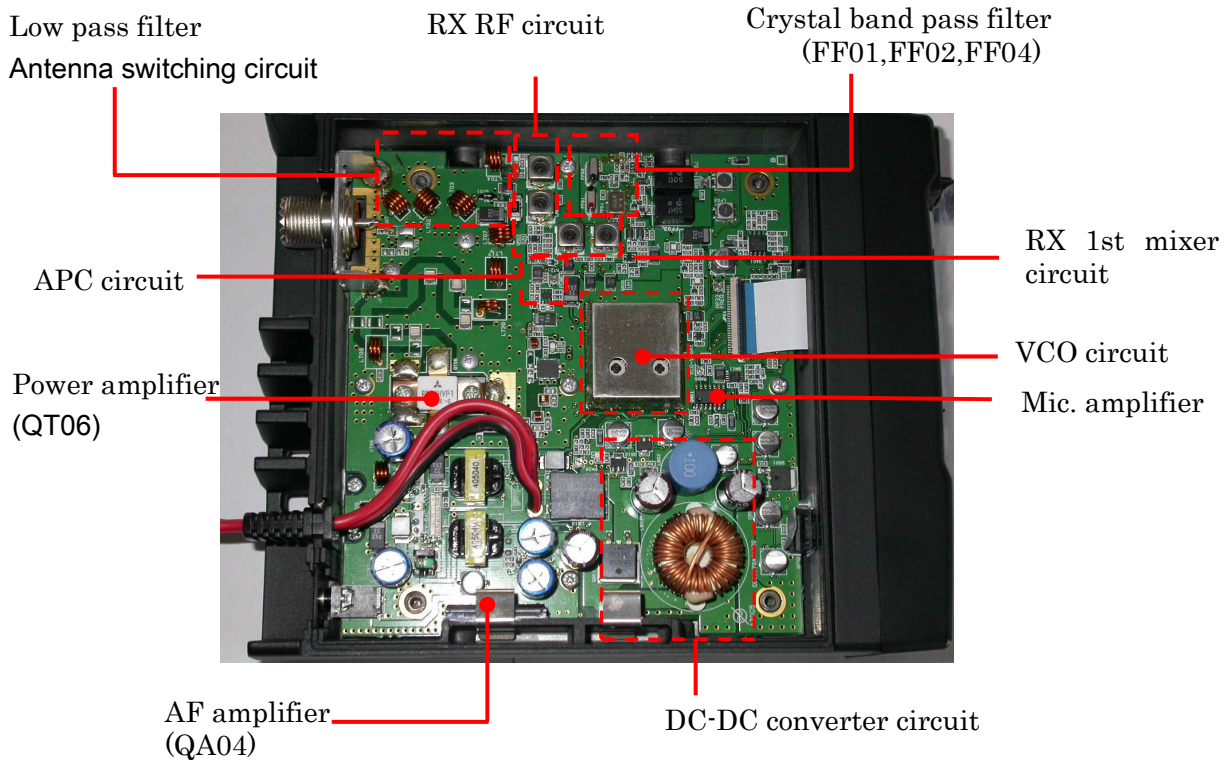
### Accessories

- MP-1000 Microphone X 1
- Microphone hanger and screw set X 1
- Installation/Operations Manual X 1
- DC power cable(3m(10ft))with 10A Fuse X1
- Mounting bracket kit X1

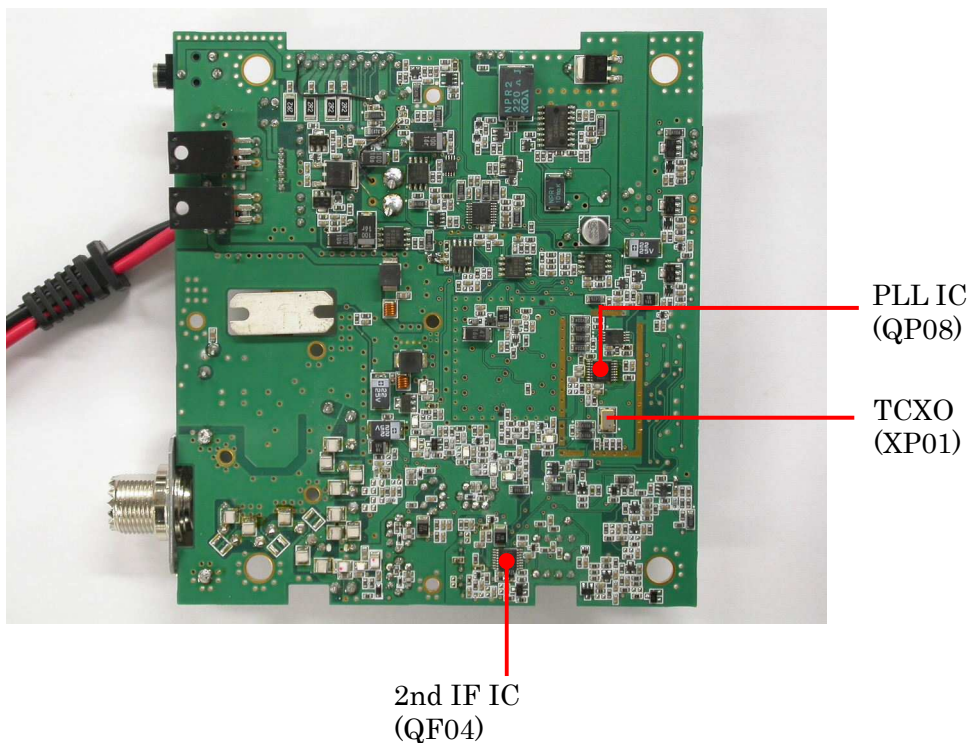
## SECTION 2 INSIDE VIEWS

### MAIN UNIT

#### <BOTTOM VIEW>



#### <PCB B SIDE VIEW>



## SECTION 3 CIRCUIT DESCRIPTION

### 3-1 RECEIVER CIRCUITS

#### 3-1-1 ANTENNA SWITCH CIRCUIT

The antenna switching circuit functions as a low-pass filter while receiving. However, its impedance becomes very high while QT02 and QT03 are turned on. Thus transmit signals are blocked from entering the receiver circuits. The antenna switching circuit employs a  $\lambda/4$  type diode switching system. The passed signals are then applied to the RF amplifier circuit.

Received signals are passed through the low pass filter (LT01, LT02, LT03, and CT01-CT07). The filtered signals are applied to the  $\lambda/4$  type antenna switching circuit (QT02, QT03).

#### 3-1-2 RF CIRCUIT

The RF circuit amplifies signals within the range of frequency coverage and filters out of band signals.

The signals from the antenna switching circuit are amplified at the RF amplifier (QR03) after passing through the two stage tunable band-pass filters (the first filter is consisted of CR02, CR04, CR38, CR39, LR01, QR01 and second filter is consisted of LR02, QR02, CR07, CR09). The amplified signals are applied to the first mixer circuit (QR06 gate 2) after out of band signals are suppressed at another two stage tunable band-pass filters (LR03, CR17, QR04, CR18 and QR05, CR22, CR24, LR04).

The tunable band-pass filters (QR01, QR02, QR04, QR05) witch employ varactor diodes, track the filters and are controlled by the PLL IC (QP08) via the tune buffer amplifier (QP04) using "TUNE" signal. These diodes tune the center frequency of an RF pass-band for wide bandwidth receiving and good image response rejection.

#### 3-1-3 1st MIXER AND 1st IF CIRCUITS

The 1st mixer circuit converts the received signal into a fixed frequency of the 1st IF signal with a PLL output frequency. By changing the PLL frequency, only the desired frequency will pass through a crystal filter at the next stage of the 1st mixer.

The filtered signals from the RF circuit are mixed at the 1st mixer (QR06) with a 1st local signal coming from the VCO circuit to produce a 38.85MHz 1st IF signal.

$$\begin{aligned} \text{(1st IF signal)} &= \text{(1st local signal)} - \text{(Receiving signal)} \\ \text{Ex, } 38.85\text{MHz} &= 166.350\text{MHz} - 127.500\text{MHz (Upper heterodyne)} \end{aligned}$$

The 1st IF signal is applied to a pair crystal filter (FF01, FF02) to suppress out-of-band signals. The filtered 1st IF signal is applied to the IF amplifier (QF01), then applied to the 2nd mixer circuit (QF04, pin 16).

#### 3-1-4 2nd MIXER AND 2nd IF CIRCUITS

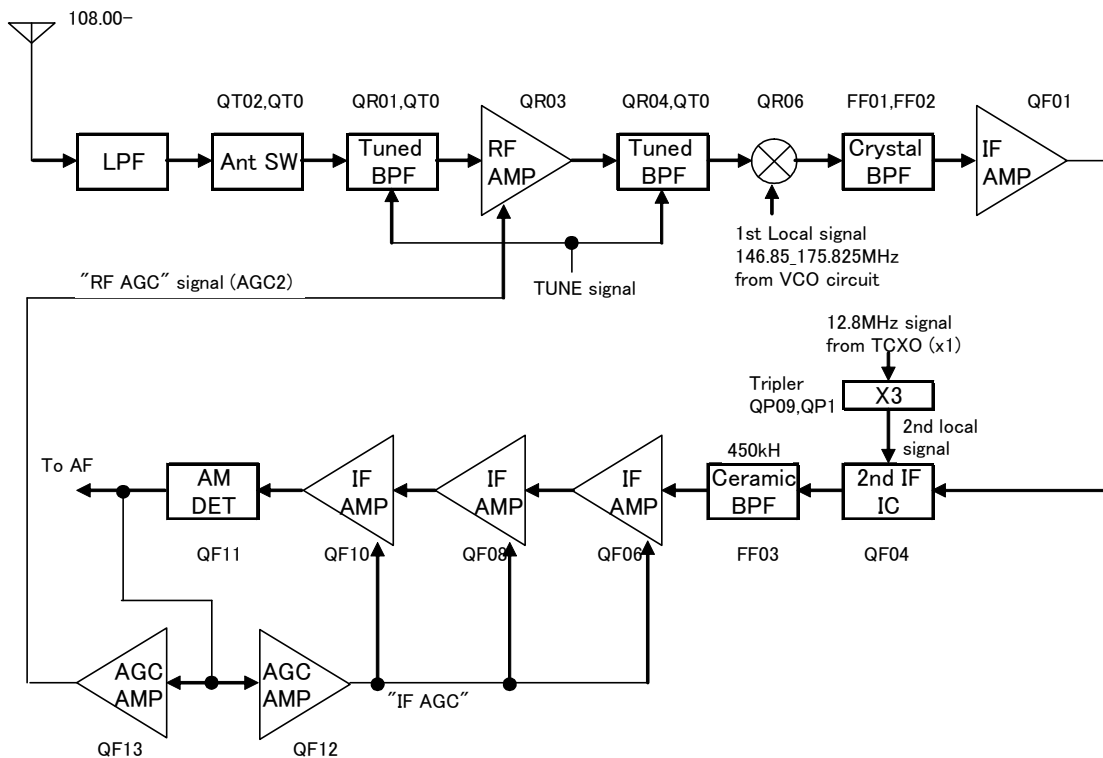
The 2nd mixer circuit converts the 1st IF signal into a 2nd IF signal. A double conversion super-heterodyne system (witch converts receive signals twice) improves the image rejection ratio and obtains stable receiver gain.

The 1st IF signal from the IF amplifier is applied to the 2nd mixer section of the IF IC (QF04, pin 16), and is mixed with the 38.4MHz 2nd local signal to be converted into a 450kHz 2nd IF signal

A 2nd local signal (38.4MHz) is produced at the PLL circuit by tripling its reference frequency (12.8MHz).

The 2nd IF signal from the 2nd mixer (QF04, pin 3) passes through a ceramic filter (FF03) to remove unwanted heterodyne frequencies. It is then amplified at the 2nd IF amplifiers (QF06, QF08 and QF10).

#### Receiver construction



#### 3-1-5 AM DETECTOR CIRCUIT

The AM detector circuit converts the 2nd IF signal into AF signals.

The amplified 2nd IF signal from 2<sup>nd</sup> IF amplifier (QF10) is applied to the AM detector circuit (QF11). It is then detected for conversion to AF signals.

The AF signals are applied to the ANL circuit.

#### 3-1-6 ANL CIRCUIT

The AF signal from the AF buffer amplifier (QA12) is applied to the ANL circuit (QA11). It is then limiter for noise reduction.

The AF signal from the ANL circuit is applied to the AF circuit.

#### 3-1-7 AF CIRCUIT

The AF circuit amplifies the demodulated AF signals to drive a speaker.

The AF signals are passed through the low pass filter (QA01, pin 3) and then applied the high pass filter (QA01, pin 5). The AF signals are passed through the mute switch (QA03) and then applied to the control AF attenuator (QA17). The level controlled signals are then applied to the AF power amplifier (QA04, pin 1) and AF mixing amplifier for headphone (QA10, pin 3). The AF signal from the AF mixing amplifier is applied to the headphone amplifier (QA05, pin 2).

The AF signals are applied to the AF connector (JA01).

### **3-1-8 SQUELCH CIRCUIT**

The squelch circuit cuts out AF signals when receiving no signal. The squelch circuit cuts out the AF signal by comparing signal strength and squelch reference voltage.

A portion of audio signal output from pin9 of second IF IC (QF04) is input to a Band-pass filter consisting of CF62, RF75, RF76, CF61, CF60 and RF74. Noise elements are extracted from the audio signal by the band-pass filter and input to pin 8 of QF04 as the noise signal. The noise signal has approximately 40 kHz elements only amplified by a noise amplifier built into QF04 to generate the squelch signal. This squelch signal is converted into a DC signal by the noise wave detector built into QF04 and then output from pin 14 of QF04.

The output signal of pin 14 of QF04 is input to 3 pin of QF05. The output voltage of pin 4 QF05 is input to pin 80 of QD01.MPU (QD01) confirms the voltage to pin 80 of QD01, and controls QA03 and QA19.Sound of speaker is turned OFF when pin 80 of QD01 is high voltage. The sound of a speaker is controlled by QA03 and QA19.

### **3-1-9 AGC CIRCUIT**

The AGC (Automatic Gain Control) circuit reduces signal fading and keeps the audio output level constant.

AF signal from the AM detector circuit (QF11) is amplified at AGC amplifiers (QF12, QF13). The amplified signal from QF12 is applied to the IF amplifier (QF01, QF06, QF08). The other amplified signal from QF13 is applied to the RF amplifier (QR03).

These amplifiers reduce the amplifier gain of IF amplifiers (QF01, QF06, and QF08) and RF amplifier (QR03) while receiving a strong signal.

## **3-2 TRANSMITTER CIRCUITS**

### **3-2-1 MICROPHONE AMPLIFIER / MODULATION LIMITING CIRCUIT**

The voice signal is controlled by an automatic level control circuit of QM01. The voice signal are amplified and feed to pin3 of QM06. QM06, QM07 and also QM08 are a band-pass filter circuit. The output signal of QM08 is sent to pin2 of QM14 and then be amplifying it. The output signal of QM14 passes transformer LT28, and is sent to modulator (QT16, QT17).

### **3-2-2 RF POWER AMPLIFIER**

The RF output (118.000MHz~136.975MHz) of VCO is feed in the base of QP11.QP12 is a diode switch. QP12 feed RF signal to QT10, when PTT is pushed.

The output signal of QT10 is amplified by QT12, QT07 and QT15.

QT06 are electric power amplification. The output signal of QT06 is feed to L.P.F.

The AM signal modulates the drain of QT06. QT06 are an electric power amplification circuit and amplify to about 9W.

The amplified signal is passed through the antenna switching circuit (QT01) and low pass filter, and is then applied to the antenna connector.

### **3-2-4 APC CIRCUIT**

The APC (Automatic Power Control) circuit protects the drive and power amplifiers from mismatched output loads.

The APC detector circuit (QT04, QT05) detects forward and reflected signals respectively. The combined voltage is at a minimum level when the antenna is matched at 50Ω and is increased when it is mismatched.

The detected voltage is applied to one of the APC controller inputs (QT11 pin 3) and a reference voltage is applied to the other input (pin 1). When the antenna impedance is mismatched, the detected voltage exceeds the reference voltage. Thus output voltage of APC is decreased.



## **3-3 PLL CIRCUIT**

### **3-3-1 GENERAL**

A PLL circuit provides stable oscillation of the transmit frequency and receive 1st local frequency. The PLL output compares the phase of the divided VCO frequency to the reference frequency. The PLL output frequency is controlled by the divided ratio (n-data) of a programmable divider.

The PLL circuit contains of the TX-VCO and RX-VCO circuits. The oscillated signals are applied to the buffer amplifiers (QV06, QP05) then applied to the PLL IC (QP08, pin 6). QP08 is controls VCO circuit for TX and RX.

The PLL circuit using a one chip PLL IC (QP08), directly generates the transmit frequency and receive 1st local frequency with VCOs. The PLL sets the divided ratio based on serial data from the CPU on the front unit and compares the phases of VCO signals with the reference oscillator frequency. The PLL IC detects the out of step phase output from pin 2 for TX and RX, respectively. The reference frequency (12.8 MHz) is oscillated at x1.

### **3-3-2 TX LOOP**

The generated signal at the TX-VCO (QV03, QV04) enters the PLL IC (QP08, pin 6), and is divided at the programmable divider section and is then applied to the phase detector section.

The phase detector compares the input signal with a reference frequency. And then output the out of phase signal (pulse type signal) from pin 2.

The pulse type signal is converted into DC voltage (lock voltage) at the loop filter (RP16, RP17, RP20, RP21, CP09, CP10, CP11, CP12), and then applied to the varactor diode (QV04) of the TX-VCO to stabilize the oscillated frequency.

### **3-3-3 RX LOOP**

The generated signal at the RX-VCO (QV01, QV02, QV05) enters the PLL IC (QP08, pin 6), and is divided at the programmable divider section and is then applied to the phase detector section.

The phase detector compares the input signal with a reference frequency. And then output the out of phase signal (pulse type signal) from pin 2.

The pulse type signal is converted into DC voltage (lock voltage) at the loop filter (RP16, RP17, RP20, RP21, CP09, CP10, CP11, CP12), and then applied to the varactor diode (QV02, QV05) of the RX-VCO to stabilize the oscillated frequency. The lock voltage also used for the receiver circuit for the band-pass filter center frequency. The lock voltage from the PLL IC (QP08, pin 2) passes through the low-pass filter, and is applied to the tune buffer amplifier (QP04). The amplified signal is applied to the RF band-pass filters (QR01, QR02, QR04, and QR05).

### **3-3-4 VCO CIRCUIT**

The VCO outputs from QV01 (RX) and QV03 (TX) are buffer amplified at QV06, and are applied to the buffer amplifier (QP11). The amplified signal is applied to the TX/RX switch (QP12). The receiver local signal is applied to the 1<sup>st</sup> mixer circuit (QR06) and the transmit signal is applied to the buffer amplifier (QT10).

A portion of the VCO signal is amplified at the buffer amplifier (QP05), and then fed back to the PLL IC (QP08, pin6).

### 3-4 POWER SUPPLY CIRCUITS VOLTAGE LINES

- **SWED+B**  
The voltage from the DC power cable which is controlled by the PWR key.
- **COM+5V**  
Common 5V converted from the SWED+B line by the +5V regulator circuit (QS02). The output voltage is applied to the current amplifier circuit (QS03, QS04).
- **COM+9V**  
Common 9V converted from the SWED+B line by the +9V regulator circuit (QS01).  
The output voltage is applied to the ripple filter (QP03, QP06), and etc.
- **TX+9V**  
9V for transmitter circuits regulated by the +9V regulator circuit (QS08, QS09 and QS10).
- **RX+9V**  
9V for receiver circuits regulated by the +9V regulator circuit (QS05, QS06 and QS7).
- **SYS+5V**  
Common 5V converted from the SWED+B line by the +5V regulator circuit (QS02). The output 5V voltage is applied to the SYSTEM PCB.
- **ALL+5V**  
5V for MPU regulated by the +5V regulator circuit (QB11).

### 3-5 PORT ALLOCATIONS

#### 3-5-1 MODULOR CONNECTOR (FRONT UNIT: JD01)

Pin number	Description
1	Microphone input
2	Microphone Ground
3	Press to talk (PTT)
4	Microphone Hanger
5	Busy LED
6	Ground
7	Microphone key input
8	Regulated +5V

#### 3-5-1 HEADSET CONNECTOR (MAIN UNIT: JM01)

Pin number	Description
1	NC
2	Ground
3	Mivrophone input
4	Ground
5	Press to talk(PTT)
6	Headphone speaker out
7	Ground

### 3-5-2 MPU (FRONT UNIT: QD01)

Pin number	Port name	Description	Pin number	Port name	Description
1	W/N	Outputs IP Filter control signal to the QF16,QF17,QF18,QF19.	81		NC
2	KEY PWR	Input port for the PWR key	82	KEY IN1	Input port for the [V/M],[SCAN] [ROTARY PUSH] key signal.
3	SIDETONE	Outputs control signal for the side tone mutting.(QM18) High:Side tone signal mute is ON.	83	KEY IN2	Input port for the [▲],[▼],[PRI] [SQL] key signal.
4	I2C SDA	Outputs data signal to the EEP RPM (QD03, pin 5).	84	KEY MIC	Input port for the [▲],[▼],[MONI]
5	I2S SCL	Outputs clock signal to the EEPROM (QD03, Pin6).	85		NC
6	RESET	Input port for the CPU reset signal	86		NC
7		NC	87	AF PRI	Outputs control signal for the audio signal mutting (QA03).
8		NC	88	EXTSPK SW	Outputs control signal for the external speaker mutting (QA06). High: Audio signal mute is ON.
9	FLMD0	not used	89	T/R SW	Outputs control signal to the TX/RX switch for VCO. Low: while transmitting.
10	X2	Input port for the system clock.	90	PLL LD	Input port for the unlock signal from the PLL IC (QP08, pin 14).
11	X1	Output port for the system clock.	91	AF MAIN	Outputs control signal for the audio signal mutting (QA19). High: Audio signal mute is ON.
12			92	RX+B CON	Outputs RX+9V regulator control signal. Low: while RX is muted.
13	VSS	Ground	93	TX+B CON	Outputs TX+9V regulator control signal. Low: while TX is muted.
14	VDD	+5V	94	DIM	Outputs backlight control signal to the QD15.
15		NC	95	B LIGHT	Outputs backlight control signal to the QD16.
16		NC	96	LED TX	Outputs TX LED control signal to the QD17
17	VLC0	+5V	97	LED BUSY	Outputs busy LED control signal to the QD18
18		NC	98	INTSPK SW	Outputs control signal for the internal speaker mutting (QA02). High: Audio signal mute is ON.
19		NC	99	ROTARY 1	Input port for the rotary signal.
20	COM0	LCD common output	100	VOL LEN	Output strobe signals to the electronic volume (QA17 pin14).
21	COM1	LCD common output			
22	COM2	LCD common output			
23	COM3	LCD common output			
24	S0	LCD segment output			
25	S1	LCD segment output			
⋮	⋮	LCD segment output			
62	S38	LCD segment output			
63	S39(NC)	NC			
64	LVss	LCD driver ground			
65	LVDD	LCD driver +5V			
66	ROTARY 0	Input for the rotary signal			
67	SWED+B	Outputs main power control signal			
68	PTT SW	Input port for the PTT switch. Low:while PTT switch is pushed.			
69	BEEP	Output port for the beep signal.			
70					
71					
72					
73	HANGER	Input port for the hanger . Low:hang on			
74	PLL LE	Output strobe signals to the PLL IC			
75	DATA	Output signal data to the PLL IC (QP08,pin12).			
76	CLK	Output signal clock to the PLL IC			
77	AVREF	+5V			
78	Avss	Ground			
79	BATT V	Input port for battery voltage.			
80	SQL DET	Input port for the squelch signal.			

NC: Non Connection

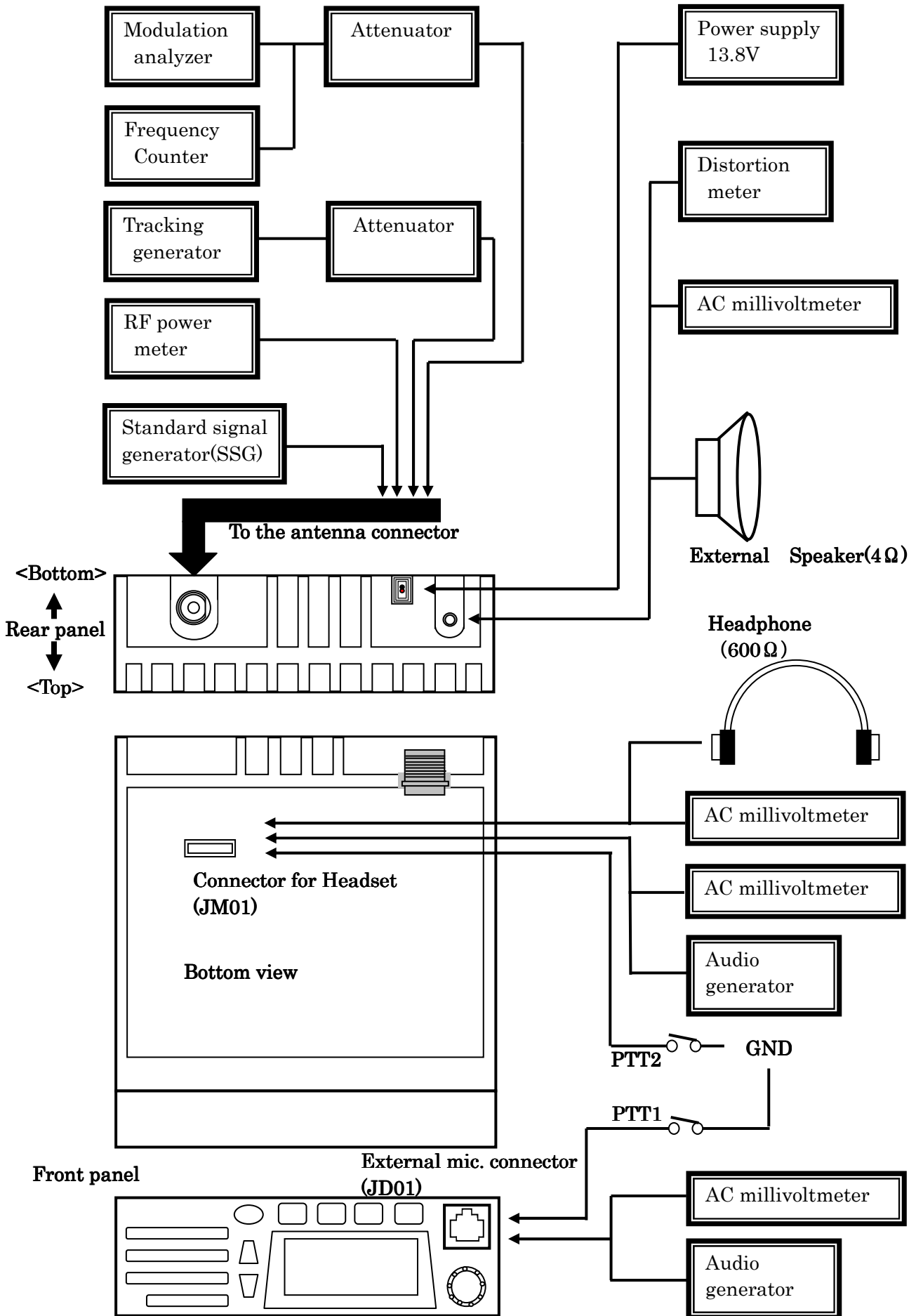
## SECTION 4 ADJUSTMENT PROCEDURES

### 4-1 PREPARATION

#### 4-1-1 REQUIRED TEST EQUIPMENT

EQUIPMENT	GRADE AND RANGE	
DC power Supply	Output voltage	13.8V DC
	Current capacity	6A or more
RF power meter (terminated type)	Measuring range	1-50W
	Frequency range	50-300MHz
	Impedance	50 $\Omega$
	SWR	1.2:1
Frequency counter	Frequency range	0.1-300MHz
	Frequency accuracy	$\pm 1$ ppm or better
	Sensitivity	5Vrms or better
Modulation analyzer	Frequency range	DC-300MHz
	Measuring	0 to 100%
Distortion meter	Frequency range	1kHz $\pm 10\%$
	Measuring	1 to 100%
Headphone	Impedance	600 $\Omega$
External speaker	Impedance	4 $\Omega$
DC voltmeter	Input impedance	50k $\Omega$ /V DC or better
Digital multimeter	Input impedance	10M $\Omega$ /V DC or better
Audio generator	Frequency range	200-10kHz
	Measuring range	1-1000mVrms
	Impedance	30-50 $\Omega$ and 600 $\Omega$
Standard signal generator(SSG)	Frequency range	0.1-300MHz
	Output level	0.1uV-32mV
AC millivoltmeter	Measuring range	10mV-20V
Attenuator	Power attenuation	30-40dB
	Capacity	50W or more
Terminator	Impedance	50 $\Omega$
	Capacity	50W or more
Spectrum analyzer	Frequency range	DC-300MHz
Tracking generator	Frequency range	50-300MHz
	Output level	0dBm or more

### 4-1-2 CONNECTION



## 4-2 ADJUSTMENT MODE

The radio must be turned on with Adjustment Mode.

### 4-2-1 How to enter the adjustment Mode

Turn the radio ON with press and holding Rotary Knob and SQL button.  
Then “ADJUST” will be indicated on the LCD, and the Adjustment Item will be changed as followings.

The display will be changed by pressing Rotary Knob.

No.	Display	Item	Frequency
①	01ADJUST	RX VCO	136.975MHz
②	02ADJUST	TX VCO	136.975MHz
③	03ADJUST	TX	127.025MHz
④	04ADJ**	Side Tone	127.025MHz
⑤	05ADJUST	Front End (BPF)	127.025MHz
⑥	06ADJUST	SQL Threshold	127.025MHz
⑦	07ADJUST	SQL Tight	127.025MHz

Note: “\*\*” indicates a value (default: 40)

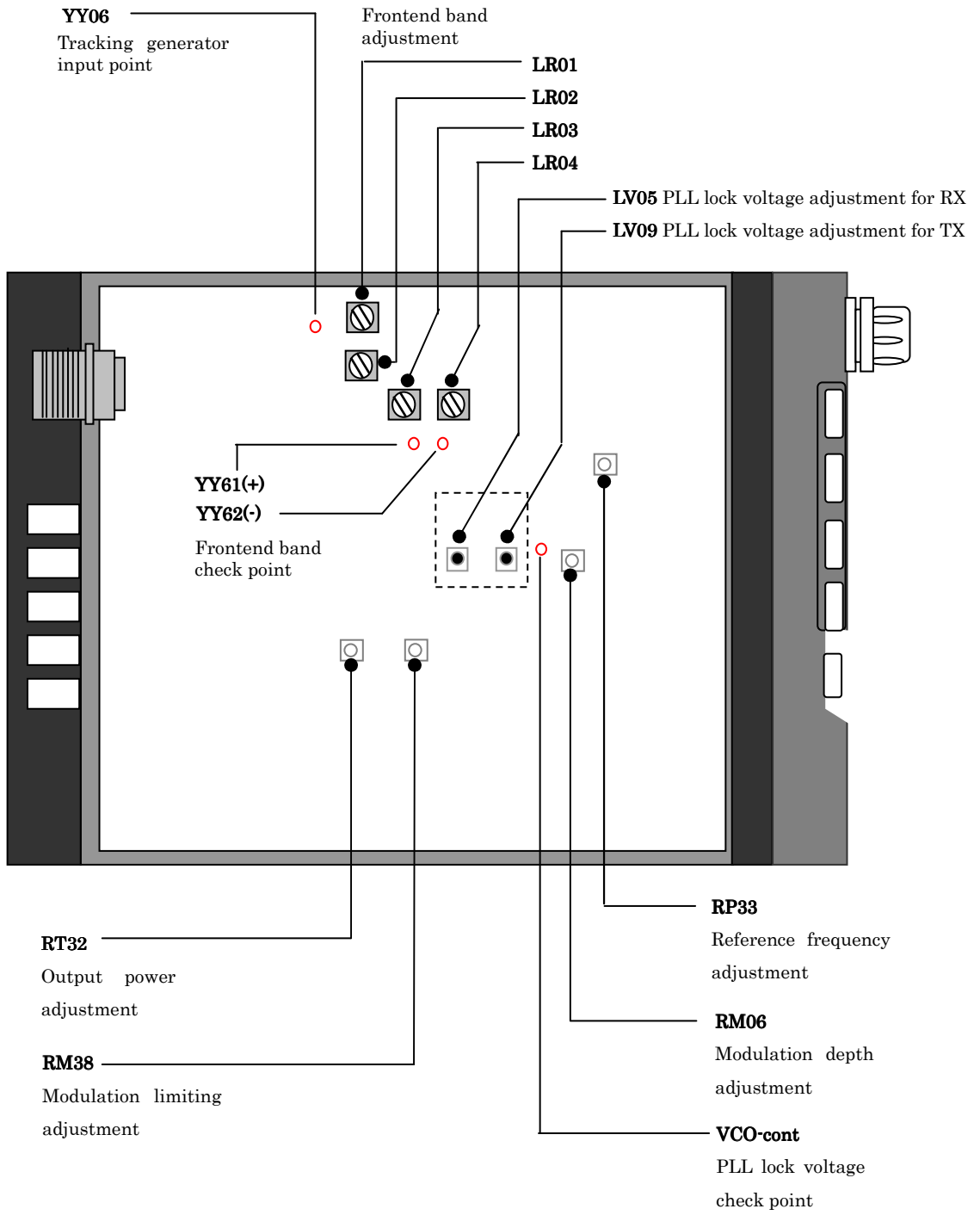
## 4-3 PLL ADJUSTMENT

ADJUSTMENT (Adjustment mode)	ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT		
		UNIT	LOCATION		UNIT	ADJUST	
PLL LOCK VOLTAGE (01ADJUST or 02ADJUST)	1	<ul style="list-style-type: none"> <li>Operating frequency : 136.975MHz</li> <li>Receiving</li> </ul>	RF	Connect a digital multimeter to VCO-Vcont.	6.8V	MAIN	LV05
	2	<ul style="list-style-type: none"> <li>Transmitting (PTT1)</li> </ul>			6.8V		LV09
REFERENCE FREQUENCY (03ADJUST)	1	<ul style="list-style-type: none"> <li>Operating frequency : 127.025MHz</li> <li>Connect a Frequency counter to the antenna connector through an attenuator.</li> </ul>	Rear Panel		±25Hz	MAIN	RP33

## 4-4 TRANSMITTER ADJUSTMENT

ADJUSTMENT (Adjustment mode)	ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT		
		UNIT	LOCATION		UNIT	ADJUST	
OUTPUT POWER (03ADJUST)	1	<ul style="list-style-type: none"> <li>Operating frequency : 127.025MHz</li> <li>No audio applied to the MIC line.</li> <li>Transmitting(PTT1)</li> </ul>	Rear Panel	Connect an RF power meter to the antenna connector.	8.5W	MAIN	RT32
MODULATION DEPTH (03ADJUST)	1	<ul style="list-style-type: none"> <li>Operating frequency : 127.025MHz</li> <li>Connect an audio generator to the MIC line and set as : 1kHz/100mVrms</li> <li>Set a modulation analyzer as: HPF : OFF LPF : OFF De-emphasis : OFF Detector : (p-p)/2</li> <li>Transmitting(PTT1)</li> </ul>	Rear Panel	Connect a modu- lation analyzer to the antenna connector throu- gh an attenuator	85%	MAIN	RM38
	2	<ul style="list-style-type: none"> <li>Set an audio generator as : 1kHz/25mVrms</li> <li>Transmitting (PTT1)</li> </ul>			30%		
SIDETONE SENS (04ADJUST)	1	<ul style="list-style-type: none"> <li>Connect an audio generator to the JM01 pin3 set as : 1kHz/25mVrms.</li> <li>Transmitting (PTT2)</li> </ul>	JM01 Pin6	<ul style="list-style-type: none"> <li>Connect a milli- voltmeter to the head- phone line.</li> </ul>	5mW Set the adjustment mode. Press the UP/DOWN button of front panel.		

<RF UNIT>





## 4-5 RECEIVER ADJUSTMENT

ADJUSTMENT (Adjustment mode)	ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
		UNIT	LOCATION		UNIT	ADJUST
FRONTEND BAND (05ADJUST)	1 <ul style="list-style-type: none"> <li>Operating frequency : 127.025MHz</li> <li>Connect a tracking generator to the YY06 through an attenuator. Level (attenuator out) : -40dBm or better</li> <li>Set a spectrum analyzer as : Center frequency : 127MHz Frequency span : 50MHz Bandwidth : 100kHz</li> <li>Receiving</li> </ul>	MAIN	Connect a spectrum analyzer to the YY61(+) and YY62(-)	Fig.1	MAIN	LR01 LR02 LR03 LR04
THRESHOLD SQUELCH SENS. (06ADJUST)	1 <ul style="list-style-type: none"> <li>Operating frequency : 127.025MHz</li> <li>Connect an SSG to the antenna connector and set an SSG as : Level : 0.28uV(-118dBm) Modulation : ±1kHz Mod.depth : 30%</li> <li>Receiving</li> </ul>	Rear panel	Connect an SSG to the antenna connector.	0.28uV	Set the adjustment mode. Push the Rotary Knob.	
TIGHT SQUELCH SENS (07ADJUST)	1 <ul style="list-style-type: none"> <li>Operating frequency : 127.025MHz</li> <li>Connect an SSG to the antenna connector and set an SSG as : Level : 5.uV(-93dBm) Modulation : ±1kHz Mod.depth : 30%</li> <li>Receiving</li> </ul>	Rear panel	Connect an SSG to the antenna connector.	5uV	Set the adjustment mode. Push the Rotary Knob.	

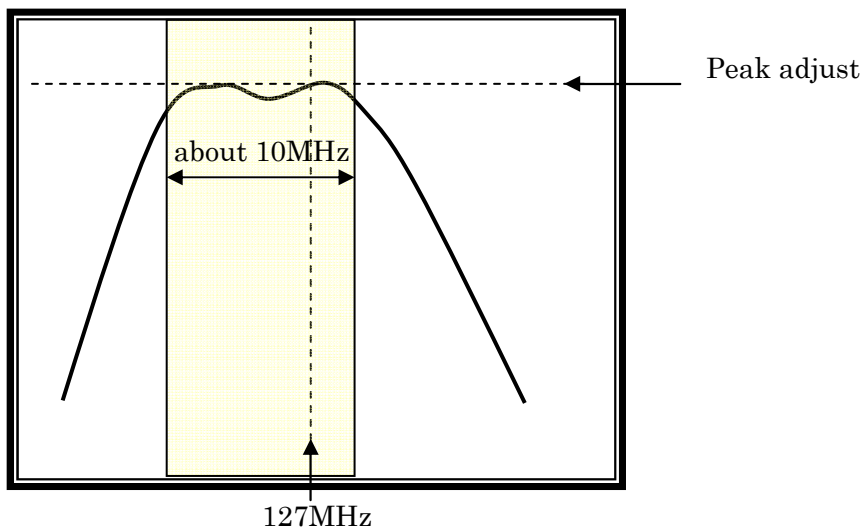


Fig.1 Frontend band adjustment  
Display of spectrum analyzer

# SECTION 5 PARTS LIST

## [FRONT UNIT]

SYM. No.	PART No.	DESCRIPTION
CD01	00MEY1050167Y	TEESVSP1C105M8R (SVSP1C 1UF/16V)
CD02	00MEY1050167Y	TEESVSP1C105M8R (SVSP1C 1UF/16V)
CD03	00MDK9610330Y	GRM 188B11H103KA01D
CD04	00MDK9610330Y	GRM 188B11H103KA01D
CD05	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD06	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD07	00MDD9522030Y	GRM 1882C1H220JA01D (22 PF +- 5 CG 50V)
CD08	00MDD9522030Y	GRM 1882C1H220JA01D (22 PF +- 5 CG 50V)
CD09	00MDD9522130Y	GRM 1882C1H221JA01D (220 PF +- 5 CG 50V)
CD10	00MDK9610330Y	GRM 188B11H103KA01D
CD12	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CD13	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CD14	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CD15	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B 50V)
CD17	00MDK9610330Y	GRM 188B11H103KA01D
CD20	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CD21	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CD22	00MDK9610330Y	GRM 188B11H103KA01D
CD23	00MDK9610330Y	GRM 188B11H103KA01D
CD24	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD25	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD26	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CD27	00MDK9610330Y	GRM 188B11H103KA01D
CD28	00MEY1050167Y	TEESVSP1C105M8R (SVSP1C 1UF/16V)
CD29	00MDK9610330Y	GRM 188B11H103KA01D
CD30	00MEY1050167Y	TEESVSP1C105M8R (SVSP1C 1UF/16V)
CD31	00MDK9610330Y	GRM 188B11H103KA01D
CD32	00MDK9610330Y	GRM 188B11H103KA01D
CD33	00MDK9610330Y	GRM 188B11H103KA01D
CD34	00MDK9610330Y	GRM 188B11H103KA01D
CD35	00MDK9610330Y	GRM 188B11H103KA01D
CD36	00MDK9610330Y	GRM 188B11H103KA01D
CD37	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B 50V)
CD38	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B 50V)
CD39	00MDK9610330Y	GRM 188B11H103KA01D
CD40	00MDK9610330Y	GRM 188B11H103KA01D
CD41	00MDK9610330Y	GRM 188B11H103KA01D
CD42	00MDK9610330Y	GRM 188B11H103KA01D
CD43	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD44	00MDK9610330Y	GRM 188B11H103KA01D
CD45	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD46	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CD47	00MDK9610330Y	GRM 188B11H103KA01D
CD48	00MDK9610330Y	GRM 188B11H103KA01D
JD01	C00YJ90100050	MJD0808KE06, 8PIN MODULOR JACK, AUK
JD02	C00YJ0710034Y	9637S-40Y913 FFC TYPE CONNECTOR
JD03	00MGD05000160	0 OHM +- 5 1/6W
JD04	00MGD05000160	0 OHM +- 5 1/6W
JD05	00MYJ0706082Y	16FMN-BMTTN-A-TFT
QD01	C00HC6001606F	uPD78F0393GC-8EA-A
QD02	C00HQ20902990	A24B007X, LCD FOR PMR-3088/FL-M1000, JSI
QD03	00MHC1021521Z	BR24L16F-WE2
QD05	00MBA2110200Y	DTC114EE / RN1102(TE85L,F)

SYM. No.	PART No.	DESCRIPTION
QD06	00MHX346172AY	2SC4617FTL (Q_R)
QD08	00MHC405321YY	BU4053BC FV-E2
QD09	C00HI1013021Y	SML-512WWT86 ROHM 1608YEL
QD10	C00HI1013021Y	SML-512WWT86 ROHM 1608YEL
QD11	C00HI1013021Y	SML-512WWT86 ROHM 1608YEL
QD12	C00HI1013021Y	SML-512WWT86 ROHM 1608YEL
QD13	C00HI1013021Y	SML-512WWT86 ROHM 1608YEL
QD14	C00HI1013021Y	SML-512WWT86 ROHM 1608YEL
QD15	00MBA2110200Y	DTC114EE / RN1102(TE85L,F)
QD16	00MBA2110200Y	DTC114EE / RN1102(TE85L,F)
QD17	00MBA1210700Y	DTA114YETL
QD18	00MBA1210700Y	DTA114YETL
QD19	C00HI10002300	VRPG3312X
QD21	00MHZ3068100Y	MA8068-M /UDZS6.8B
QD22	00MHZ3068100Y	MA8068-M /UDZS6.8B
QD23	00MHZ3068100Y	MA8068-M /UDZS6.8B
QD24	00MHZ3068100Y	MA8068-M /UDZS6.8B
QD25	00MHZ3068100Y	MA8068-M /UDZS6.8B
RD01	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD02	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RD03	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RD05	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD06	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RD07	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RD08	00MNN0527261Y	RK73B1JTDD 272J (2.7K OHM +- 5 1/16W)
RD09	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD10	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD11	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RD12	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD14	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RD15	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RD21	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD25	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD26	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RD27	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RD28	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RD29	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RD30	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RD31	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RD32	00MNN0527161Y	RK73B1JTDD 271J (270 OHM +- 5 1/16W)
RD33	00MNN0527161Y	RK73B1JTDD 271J (270 OHM +- 5 1/16W)
RD34	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RD35	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD36	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD37	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD39	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD40	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD44	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RD45	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RD46	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD47	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RD48	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RD49	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RD50	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RD51	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RD52	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)

SYM. No.	PART No.	DESCRIPTION
RD53	00MNN0510161Y	RK73BJTTD 101J (100 OHM +- 5 1/16W)
RD55	00MNN0510161Y	RK73BJTTD 101J (100 OHM +- 5 1/16W)
RD56	00MNN0510061Y	RK73B1JTTD 100J (10 OHM +- 5 1/16W)
RD57	00MNN0500061Y	RK73Z1JTTD (0 OHM +- 5 1/16W)
RD58	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
SD01	C00SR01180010	EC11E09244AW (25.5mm)
XD01	00MJX0400735Y	SX-1302 TYPE 4.19MHZ
ZD01	C00YU01053700	ZEBRA CONNECTOR FOR PMR-3088/FL-M1000

[MAIN UNIT]

SYM. No.	PART No.	DESCRIPTION
CA01	00MDK9610420Y	GRM188B11C104KA01D (0.1UF +- 10 B 16V)
CA02	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA03	00MDK9622230Y	C1608JB1H222KT000N
CA04	00MDD9527130Y	GRM1882C1H271JA01D
CA05	00MDK9622320Y	GRM188R11E223KA01D
CA06	00MDK9622320Y	GRM188R11E223KA01D
CA07	00MDK9622320Y	GRM188R11E223KA01D
CA08	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CA09	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA10	00MDK9610520Y	GRM188B10J105KA01D
CA11	00MDK9610520Y	GRM188B10J105KA01D
CA13	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA14	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA15	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CA16	00MDK9610520Y	GRM188B10J105KA01D
CA18	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CA19	00MDK9610520Y	GRM188B10J105KA01D
CA20	00MDK9610520Y	GRM188B10J105KA01D
CA21	00MEA47702570	RE3-25V471MH3#
CA22	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA25	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CA26	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA27	00MEY1070101Y	TEESVC1A107M12R
CA28	00MEY1070167Y	TEESVD1C107M12R (100UF/ 16V)
CA29	00MDK9610420Y	GRM188B11C104KA01D (0.1UF +- 10 B 16V)
CA31	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CA33	00MDK9610520Y	GRM188B10J105KA01D
CA35	00MDK9610520Y	GRM188B10J105KA01D
CA36	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CA37	00MDK9610520Y	GRM188B10J105KA01D
CA38	00MDK9622230Y	C1608JB1H222KT000N
CA39	00MDK9610520Y	GRM188B10J105KA01D
CA40	00MDD9533130Y	GRM1882C1H331JA01
CA41	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA42	00MEY2260352Y	RV2-35V220MU-R
CA43	C00DY4750061Y	GRM188B30J475KE18D
CA44	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA45	00MDK9610520Y	GRM188B10J105KA01D
CA46	00MDK9610520Y	GRM188B10J105KA01D
CA47	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CA48	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA49	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CA50	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B 50V)
CA51	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)

SYM. No.	PART No.	DESCRIPTION
CA52	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CA53	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CA54	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CA55	00MDK9610430Y	C1608X7R1H104KT000N
CA57	00MDK9610520Y	GRM 188B10J105KA01D
CA58	00MDD9533130Y	GRM 1882C1H331JA01
CA60	00MEA47702570	RE3-25V471MH3#
CA61	00MEY1040207Y	TEESVA21D104M8R (0.1UF/ 20V)
CA62	00MEY4740251Y	TEESVA1E474M8R
CA63	00MDK9610430Y	C1608X7R1H104KT000N
CA64	00MDK9610430Y	C1608X7R1H104KT000N
CA65	00MDK9610430Y	C1608X7R1H104KT000N
CA66	00MDK9610430Y	C1608X7R1H104KT000N
CA67	00MDK9610520Y	GRM 188B10J105KA01D
CA68	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
JA01	00MYJ01003820	HSJ0836-0105009
LA01	C00TO11405040	OP-14D31RF
QA01	C00HC10004099	NJM2732M(TE1)
QA02	00MHY101441AY	2SJ144 (Y)
QA03	00MHY101441AY	2SJ144 (Y)
QA04	C00HC10003030	LA4628-E, AF AMP 20W 2CH BTL, SANYO
QA05	00MHC1009809Y	NJM2070M-TE1-#ZZZB
QA06	00MHY101441AY	2SJ144 (Y)
QA10	C00HC1000709Y	NJM2730F-TE1
QA11	00MHZ2005602Y	MA2S11100L
QA12	00MHC1033605Y	TA75S01F(TE85L,F)
QA15	C00HX216282AY	2SB1628-T1-AZ (ZY,ZZ)
QA16	00MHX346172AY	2SC4617FTL (Q_R)
QA17	C00HC1000763F	SM6451AT-G
QA18	C00HC1000709Y	NJM2730F-TE1
QA19	00MHY2183000Y	2SK1830(TE85L,F)
RA01	00MNN0539361Y	RK73B1JTTD 393J (39K OHM +- 5 1/16W)
RA02	00MNN0539361Y	RK73B1JTTD 393J (39K OHM +- 5 1/16W)
RA03	00MNN0539361Y	RK73B1JTTD 393J (39K OHM +- 5 1/16W)
RA04	00MNN0533061Y	RK73B1JTTD 330J (33 OHM +- 5 1/16W)
RA05	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA06	00MNN0522361Y	RK73B1JTTD 223J (22K OHM +- 5 1/16W)
RA08	00MNN0547461Y	RK73B1JTTD 474J
RA09	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA10	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA11	00MNN0515361Y	RK73B1JTTD 153J (15K OHM +- 5 1/16W)
RA12	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
RA13	00MNN0533261Y	RK73B1JTTD 332J (3.3K OHM +- 5 1/16W)
RA14	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA15	00MNN0510561Y	RK73B1JTTD 105J (1M OHM +- 5 1/16W)
RA16	00MNN0504761Y	RK73B1JTTD 4R7J (4.7 OHM +- 5 1/16W)
RA17	00MNN0504761Y	RK73B1JTTD 4R7J (4.7 OHM +- 5 1/16W)
RA18	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA19	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA20	00MNN0510261Y	RK73B1JTTD 102J (1K OHM +- 5 1/16W)
RA21	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA22	00MNN0510561Y	RK73B1JTTD 105J (1M OHM +- 5 1/16W)
RA23	00MNN0568361Y	RK73B1JTTD 683J (68K OHM +- 5 1/16W)
RA24	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
RA25	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
RA27	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RA28	00MNN0510561Y	RK73B1JTTD 105J (1M OHM +- 5 1/16W)
RA29	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
RA32	00MNN0510261Y	RK73B1JTTD 102J (1K OHM +- 5 1/16W)

SYM. No.	PART No.	DESCRIPTION
RA33	00MNN0502261Y	RK73B1JTDD 2R2J
RA34	00MNN0502261Y	RK73B1JTDD 2R2J
RA36	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RA38	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RA40	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RA41	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RA42	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RA43	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RA44	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA45	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA46	00MNN0582261Y	RK73B1JTDD 822J (8.2K OHM +- 5 1/16W)
RA47	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RA49	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RA53	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RA54	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RA55	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RA56	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA57	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RA58	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA59	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RA60	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RA62	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RA63	00MRI0502212Y	2.2 OHM +- 5 1/2W
RA64	00MRI0502212Y	2.2 OHM +- 5 1/2W
RA65	00MRI0502212Y	2.2 OHM +- 5 1/2W
RA66	00MRI0502212Y	2.2 OHM +- 5 1/2W
RA67	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA68	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA69	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RA70	00MNN0510061Y	RK73B1JTDD 100J (10 OHM +- 5 1/16W)
SA01	C00QK00457010	PSC-45A8TA, SPK 8OHM 1W, PRIME
CF03	00MDD9004030Y	GRM 1882C1H4R0CZ01D
CF06	00MDK9610330Y	GRM 188B11H103KA01D
CF07	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CF08	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CF09	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CF10	00MDK9610520Y	GRM 188B10J105KA01D
CF11	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CF12	00MDK9610330Y	GRM 188B11H103KA01D
CF13	00MDK9610330Y	GRM 188B11H103KA01D
CF14	00MDK9610520Y	GRM 188B10J105KA01D
CF16	00MDK9647130Y	GRM 188B11H471KA01D
CF17	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CF18	00MDD9510130Y	GRM 1882C1H101JA01D (100 PF +- 5 CG 50V)
CF19	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CF20	00MDK9610330Y	GRM 188B11H103KA01D
CF22	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CF23	00MDK9610330Y	GRM 188B11H103KA01D
CF24	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CF25	00MDK9647130Y	GRM 188B11H471KA01D
CF26	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CF27	00MDK9610330Y	GRM 188B11H103KA01D
CF28	00MDK9610330Y	GRM 188B11H103KA01D
CF29	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CF30	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CF31	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CF33	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V)
CF36	00MEY2260352Y	RV2-35V220MU-R
CF37	00MDK9610330Y	GRM 188B11H103KA01D

SYM. No.	PART No.	DESCRIPTION
CF38	00MDK9610520Y	GRM 188B10J105KA01D
CF39	00MDK9610520Y	GRM 188B10J105KA01D
CF40	00MDK9610520Y	GRM 188B10J105KA01D
CF41	00MDK9610520Y	GRM 188B10J105KA01D
CF44	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CF45	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CF47	00MDD9004030Y	GRM 1882C1H4R0CZ01D
CF48	00MDD9520030Y	GRM 1882C1H200JA01D
CF49	00MDD9002030Y	GRM 1884C1H2R0CZ01
CF50	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CF52	00MDK9610330Y	GRM 188B11H103KA01D
CF53	00MDK9610330Y	GRM 188B11H103KA01D
CF54	00MDK9610330Y	GRM 188B11H103KA01D
CF55	00MDK9610330Y	GRM 188B11H103KA01D
CF56	00MDK9610430Y	C1608X7R1H104KT000N
CF57	00MDK9610430Y	C1608X7R1H104KT000N
CF58	00MDK9615230Y	GRM 188B11H152KA01D
CF59	00MDD9110030Y	GRM 1882C1H100JA01D
CF60	00MDD9515130Y	GRM 1882C1H151JA01D
CF61	00MDD9533130Y	GRM 1882C1H331JA01
CF62	00MDD9110030Y	GRM 1882C1H100JA01D
CF63	00MDD9582030Y	GRM 1882C1H820JA01
CF64	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
FF01	C00FF93885010	38M15B5F
FF02	C00FF93885010	38M15B5F
FF03	C00FG450321H0	CFW LA450KHFA
FF04	C00FF9388502Y	38SS5.4B
FF05	C00FG450321D0	CFW LA450K DFA-BO
LF02	C00LI5001602Y	#658AN-1403BHJ 450kHz
LF03	C00LI5001602Y	#658AN-1403BHJ 450kHz
QF01	C00HX347251AY	2SC4725TL(P) EMT3
QF02	00MHZ5000301Z	HVM14S
QF04	00MHC1035205Y	TA31136FNG(EL)
QF05	00MHC1033605Y	TA75S01F(TE85L,F)
QF06	00MHX342151BY	2SC4215-O(TE85L,F)
QF07	00MHZ5000301Z	HVM14S
QF08	00MHX342151BY	2SC4215-O(TE85L,F)
QF09	00MHZ5000301Z	HVM14S
QF10	00MHX342151BY	2SC4215-O(TE85L,F)
QF11	00MHX341161AY	2SC4116-BL(TE85L,F)
QF12	00MHX423513AY	2SD2351T106
QF13	00MHX423513AY	2SD2351T106
QF14	00MHY1034700Y	2SJ347(TE85L,F)
QF15	00MHY1034700Y	2SJ347(TE85L,F)
QF16	00MHZ2002921Y	DAN235ETL
QF17	00MHZ2002921Y	DAN235ETL
QF18	00MHZ2002921Y	DAN235ETL
QF19	00MHZ2002921Y	DAN235ETL
RF01	00MNN0539361Y	RK73B1JTTD 393J (39K OHM +- 5 1/16W)
RF02	00MNN0547161Y	RK73B1JTTD 471J (470 OHM +- 5 1/16W)
RF03	00MNN0568161Y	RK73B1JTTD 681J (680 OHM +- 5 1/16W)
RF04	C00HH5003012Y	NSM3104K415J3R 100K $\phi$ HM
RF05	00MNN0547361Y	RK73B1JTTD 473J (47K OHM +- 5 1/16W)
RF06	00MNN0515261Y	RK73B1JTTD 152J (1.5K OHM +- 5 1/16W)
RF07	00MNN0500061Y	RK73Z1JTTD (0 OHM +- 5 1/16W)
RF08	00MNN0547261Y	RK73B1JTTD 472J (4.7K OHM +- 5 1/16W)
RF09	00MNN0522461Y	RK73B1JTTD 224J (220K OHM +- 5 1/16W)
RF10	00MNN0510261Y	RK73B1JTTD 102J (1K OHM +- 5 1/16W)
RF14	00MNN0510161Y	RK73BJTTD 101J (100 OHM +- 5 1/16W)

SYM. No.	PART No.	DESCRIPTION
RF15	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RF16	00MNN0568361Y	RK73B1JTDD 683J (68K OHM +- 5 1/16W)
RF17	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RF18	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RF19	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RF20	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF21	00MNN0568361Y	RK73B1JTDD 683J (68K OHM +- 5 1/16W)
RF22	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RF23	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RF24	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RF25	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RF26	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RF27	00MNN0547461Y	RK73B1JTDD 474J
RF28	00MNN0556361Y	RK73B1JTDD 563J
RF29	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RF30	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RF31	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RF32	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RF33	00MNN0547461Y	RK73B1JTDD 474J
RF34	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RF35	00MNN0568361Y	RK73B1JTDD 683J (68K OHM +- 5 1/16W)
RF36	00MNN0518461Y	RK73B1JTDD 184J (180K OHM +- 5 1/16W)
RF37	00MNN0522461Y	RK73B1JTDD 224J (220K OHM +- 5 1/16W)
RF38	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RF39	C00HH5003012Y	NSM3104K415J3R 100K $\phi$ HM
RF41	00MNN0568361Y	RK73B1JTDD 683J (68K OHM +- 5 1/16W)
RF45	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RF47	00MNN0533161Y	RK73B1JTDD 331J (330 OHM +- 5 1/16W)
RF48	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RF49	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RF50	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RF51	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RF53	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RF54	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF55	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF56	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF57	00MNN0527161Y	RK73B1JTDD 271J (270 OHM +- 5 1/16W)
RF58	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RF59	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF60	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF61	C00NY0473038Z	PVA2A473A01R00
RF62	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF63	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF64	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF65	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF66	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF67	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF68	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RF69	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RF70	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RF71	00MNN0527361Y	RK73B1JTDD 273J (27K OHM +- 5 1/16W)
RF72	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RF73	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RF74	00MNN0522461Y	RK73B1JTDD 224J (220K OHM +- 5 1/16W)
RF75	00MNN0568361Y	RK73B1JTDD 683J (68K OHM +- 5 1/16W)
RF76	00MNN0515361Y	RK73B1JTDD 153J (15K OHM +- 5 1/16W)
RF77	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RF79	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RF80	00MNN0547461Y	RK73B1JTDD 474J



SYM. No.	PART No.	DESCRIPTION
RF81	00MNN0539361Y	RK73B1JTDD 393J (39K OHM +- 5 1/16W)
RF82	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RF83	00MNN0510561Y	RK73B1JTDD 105J (1M OHM +- 5 1/16W)
RF84	C00HH5003112Y	NSM3223K380J3R
RF85	00MNN0522161Y	RK73B1JTDD 221J (220 OHM +- 5 1/16W)
XF01	C00FH450323GY	CERAMIC DISC. ECDA450C24
CM01	00MDK9610520Y	GRM 188B10J105KA01D
CM02	00MDK9610520Y	GRM 188B10J105KA01D
CM04	00MEY2260107Y	TEESVB21A226M8R (22UF/ 10V)
CM05	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CM06	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CM07	00MEY1050161Y	TEESVA1C105M8R (1 UF/16V)
CM08	00MDK9610520Y	GRM 188B10J105KA01D
CM09	00MDK9610520Y	GRM 188B10J105KA01D
CM10	00MDK9627230Y	GRM 188B11H272KA01D
CM11	00MDK9610330Y	GRM 188B11H103KA01D
CM12	00MDK9682220Y	GRM 188B11H822KA01D
CM13	00MDK9682220Y	GRM 188B11H822KA01D
CM14	00MDK9622320Y	GRM 188R11E223KA01D
CM15	00MDK9639230Y	GRM 188B11H392KA01D
CM16	00MDK9647320Y	GRM 188R11C473KA01D
CM17	00MDK9615230Y	GRM 188B11H152KA01D
CM18	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CM19	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CM21	00MDK9622420Y	GRM 188R11A224KA01D
CM22	00MDK9639130Y	GRM 188B11H391KA01D
CM23	00MDK9622320Y	GRM 188R11E223KA01D
CM24	00MDK9622320Y	GRM 188R11E223KA01D
CM25	00MDK9622320Y	GRM 188R11E223KA01D
CM27	00MDK9622320Y	GRM 188R11E223KA01D
CM28	00MDK9622320Y	GRM 188R11E223KA01D
CM29	00MDD9533030Y	C1608CH1H330JT000N33 PF +- 5 CG 50V
CM30	00MDK9610520Y	GRM 188B10J105KA01D
CM32	00MEY1070101Y	TEESVC1A107M12R
CM33	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CM34	00MEY1070167Y	TEESVD1C107M12R (100UF/ 16V)
CM35	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CM36	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CM37	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CM38	C00DY4750061Y	GRM 188B30J475KE18D
CM39	00MDK9610420Y	GRM 188B11C104KA01D (0.1UF +- 10 B 16V)
CM40	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CM41	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CM42	00MDK9610520Y	GRM 188B10J105KA01D
CM50	00MDK9610520Y	GRM 188B10J105KA01D
CM51	00MDK9610520Y	GRM 188B10J105KA01D
CM52	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CM53	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CM54	00MEY2260352Y	RV2-35V220MU-R
JM01	C00YJ07100200	B7B-ZR-3.4
QM01	C00HC1000221Y	BA3308F-E2
QM02	00MHZ2005702Y	MA2S72800L
QM04	00MHZ2005702Y	MA2S72800L
QM06	C00HC10004099	NJM2732M(TE1)
QM07	C00HC10004099	NJM2732M(TE1)
QM08	C00HC10004099	NJM2732M(TE1)
QM11	00MHC1039905Y	TC4W53FU(TE12L,F)
QM14	00MHC1009809Y	NJM2070M-TE1-#ZZZB
QM15	C00HX216282AY	2SB1628-T1-AZ (ZY,ZZ)

SYM. No.	PART No.	DESCRIPTION
QM16	00MHX346172AY	2SC4617FTL (Q_R)
QM17	00MHC3690809Y	NJM7808DL1A
QM18	00MHY101441AY	2SJ144 (Y)
RM01	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RM03	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM04	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM05	00MNN0539261Y	RK73B1JTDD 392J (3.9K OHM +- 5 1/16W)
RM06	C00NY0102038Z	PVA2A102A01R00
RM07	00MNN0539061Y	RK73B1JTDD 390J
RM08	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM09	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM10	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RM12	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM13	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM14	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM15	00MNN0518361Y	RK73B1JTDD 183J (18K OHM +- 5 1/16W)
RM16	00MNN0518361Y	RK73B1JTDD 183J (18K OHM +- 5 1/16W)
RM17	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM18	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM19	00MNN0568161Y	RK73B1JTDD 681J (680 OHM +- 5 1/16W)
RM20	00MNN0582261Y	RK73B1JTDD 822J (8.2K OHM +- 5 1/16W)
RM21	00MNN0582261Y	RK73B1JTDD 822J (8.2K OHM +- 5 1/16W)
RM22	00MNN0568161Y	RK73B1JTDD 681J (680 OHM +- 5 1/16W)
RM23	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM24	00MNN0547461Y	RK73B1JTDD 474J
RM25	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM26	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM27	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RM28	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RM29	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RM30	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RM31	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM32	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RM33	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RM36	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RM37	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM38	C00NY0102038Z	PVA2A102A01R00
RM39	00MNN0547061Y	RK73B1JTDD 470J (47 OHM +- 5 1/16W)
RM40	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM41	00MNN0510561Y	RK73B1JTDD 105J (1M OHM +- 5 1/16W)
RM42	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM44	00MNN0547161Y	RK73B1JTDD 471J (470 OHM +- 5 1/16W)
RM45	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RM46	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RM47	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RM48	00MNN0502261Y	RK73B1JTDD 2R2J
RM49	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM50	00MNN0510061Y	RK73B1JTDD 100J (10 OHM +- 5 1/16W)
RM51	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RM54	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RM55	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM56	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RM63	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RM64	00MNN0510561Y	RK73B1JTDD 105J (1M OHM +- 5 1/16W)
CP01	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP02	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CP03	00MEY4760167Y	TEESVC1C476M12R (47UF / 16V)
CP04	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP05	00MDK9610330Y	GRM188B11H103KA01D

SYM. No.	PART No.	DESCRIPTION
CP06	00MDD9005030Y	GRM1882C1H5R0CZ01
CP07	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CP08	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP09	00MEY2240351Y	TEESVA1V224M8R (0.22UF/ 35V)
CP10	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CP11	00MEY4750167Y	TEESVA1C475M8R (4.7UF/ 16V)
CP12	00MEY2240351Y	TEESVA1V224M8R (0.22UF/ 35V)
CP13	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP14	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CP15	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CP16	00MDD9510130Y	GRM1882C1H101JA01D (100 PF +- 5 CG 50V)
CP17	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CP18	00MDK9610330Y	GRM188B11H103KA01D
CP19	00MDD9510130Y	GRM1882C1H101JA01D (100 PF +- 5 CG 50V)
CP20	00MDD9539030Y	GRM1882C1H390JA01
CP21	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CP22	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CP23	00MDK9610420Y	GRM188B11C104KA01D ( 0.1UF +- 10 B 16V)
CP24	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CP25	00MDK9610420Y	GRM188B11C104KA01D ( 0.1UF +- 10 B 16V)
CP26	00MDD9539030Y	GRM1882C1H390JA01
CP27	00MDK9610420Y	GRM188B11C104KA01D ( 0.1UF +- 10 B 16V)
CP28	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CP29	00MDD9556030Y	GRM1882C1H560JD01D
CP30	00MDD9106030Y	GRM1882C1H6R0DZ01D
CP31	00MDD9539030Y	GRM1882C1H390JA01
CP32	00MDD9527030Y	C1608CH1H270JT000N 27PF
CP33	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP35	00MDD9110030Y	GRM1882C1H100JA01D
CP36	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP37	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CP38	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CP39	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP43	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP45	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP46	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CP47	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CP48	00MDD9004030Y	GRM1882C1H4R0CZ01D
CP49	00MDK9610420Y	GRM188B11C104KA01D ( 0.1UF +- 10 B 16V)
CP51	00MDK9610420Y	GRM188B11C104KA01D ( 0.1UF +- 10 B 16V)
CP52	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP53	00MEY2260167Y	TEESVB21C226M8R (22UF/16V)
CP54	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP55	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP58	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CP59	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
JP01	C00YJ0710034Y	9637S-40Y913 FFC TYPE CONNECTOR
LP01	00MLU0410301Y	MLF1608E 100KT
LP02	00MLU0410301Y	MLF1608E 100KT
LP03	00MLU2810101Y	LQW2BHNR10J03L
LP04	00MLU2822101Y	LQW2BHNR22J03L
LP05	00MLU2822101Y	LQW2BHNR22J03L
LP06	00MLU2822101Y	LQW2BHNR22J03L
LP08	00MLU2868001Y	LQW2BHN68NJ03L
LP09	00MLU0447201Y	MLF1608A4R7KT
QP01	00MHY1034700Y	2SJ347(TE85L,F)
QP02	00MHY1034700Y	2SJ347(TE85L,F)
QP03	00MHX341161AY	2SC4116-BL(TE85L,F)
QP04	00MHY208801AZ	2SK880 (Y)(TE85L,F)

SYM. No.	PART No.	DESCRIPTION
QP05	00MHX347261PY	2SC4726TLP
QP06	00MHX341161AY	2SC4116-BL(TE85L,F)
QP07	00MHC1013409Y	NJM062V-TE1 DUAL OP.AMP (SSOP)
QP08	C00HC1001684F	ADF4111BRUZ
QP09	00MHX347261PY	2SC4726TLP
QP10	00MHX347261PY	2SC4726TLP
QP11	00MHX347261PY	2SC4726TLP
QP12	00MHZ2002921Y	DAN235ETL
QP13	C00HC9810398Y	XC6202P302MRN REGULATOR 3.0V
QP14	00MHZ3056100Y	MAZ80560ML
RP01	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RP02	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RP03	00MNN0568161Y	RK73B1JTDD 681J (680 OHM +- 5 1/16W)
RP04	00MNN0518061Y	18 OHM +- 5 1/16W
RP05	00MNN0515161Y	RK73B1JTDD 151J (150 OHM +- 5 1/16W)
RP06	00MNN0539061Y	RK73B1JTDD 390J
RP07	00MNN0515161Y	RK73B1JTDD 151J (150 OHM +- 5 1/16W)
RP08	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RP09	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RP10	00MNN0515161Y	RK73B1JTDD 151J (150 OHM +- 5 1/16W)
RP11	00MNN0539061Y	RK73B1JTDD 390J
RP12	00MNN0515161Y	RK73B1JTDD 151J (150 OHM +- 5 1/16W)
RP13	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RP14	00MNN0522161Y	RK73B1JTDD 221J (220 OHM +- 5 1/16W)
RP15	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RP16	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RP17	00MNN0539161Y	RK73B1JTDD 391J (390 OHM +- 5 1/16W)
RP18	00MNN0568261Y	RK73B1JTDD 682J (6.8K OHM +- 5 1/16W)
RP19	00MNN0527261Y	RK73B1JTDD 272J (2.7K OHM +- 5 1/16W)
RP20	00MNN0533161Y	RK73B1JTDD 331J (330 OHM +- 5 1/16W)
RP21	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RP23	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RP25	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RP26	00MNN0547461Y	RK73B1JTDD 474J
RP27	00MNN0510061Y	RK73B1JTDD 100J (10 OHM +- 5 1/16W)
RP28	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RP30	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RP31	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RP32	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RP33	C00NY0104038Z	PVA2A104A01R00
RP34	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RP35	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RP36	00MNN0533461Y	RK73B1JTDD 334J (330K OHM +- 5 1/16W)
RP37	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RP38	00MNN0582361Y	RK73B1JTDD 823J (82K OHM +- 5 1/16W)
RP39	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RP40	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RP41	00MNN0556261Y	RK73B1JTDD 562J (5.6K OHM +- 5 1/16W)
RP42	00MNN0533161Y	RK73B1JTDD 331J (330 OHM +- 5 1/16W)
RP43	00MNN0533161Y	RK73B1JTDD 331J (330 OHM +- 5 1/16W)
RP44	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RP45	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RP47	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RP48	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RP49	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RP50	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RP51	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RP52	00MNN0518061Y	18 OHM +- 5 1/16W
RP53	00MNN0518061Y	18 OHM +- 5 1/16W

SYM. No.	PART No.	DESCRIPTION
RP54	00MNN0500061Y	RK73Z1JTTD (0 OHM +- 5 1/16W)
RP55	00MNN0510461Y	RK73B1JTTD 104J (100K OHM +- 5 1/16W)
RP56	00MNN0500061Y	RK73Z1JTTD (0 OHM +- 5 1/16W)
XP01	C00ZK021Y001Y	HKE3143A TCXO 12.8MHZ
CV01	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV02	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV03	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV04	00MDK9610330Y	GRM188B11H103KA01D
CV05	00MDD9515030Y	GRM1882C1H150JA01
CV06	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CV07	00MDD9108030Y	GRM1882C1H8R0DD01D
CV08	00MDD9108030Y	GRM1882C1H8R0DD01D
CV09	00MDD9001030Y	GRM1884C1H1R0CZ01D
CV10	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV11	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV12	00MDK9610330Y	GRM188B11H103KA01D
CV13	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CV14	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CV15	00MDD9512030Y	GRM1882C1H120JA01
CV16	00MDD9512030Y	GRM1882C1H120JA01
CV17	00MDD9001030Y	GRM1884C1H1R0CZ01D
CV18	00MDD9001030Y	GRM1884C1H1R0CZ01D
CV19	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV21	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CV22	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CV25	00MDD9510130Y	GRM1882C1H101JA01D (100 PF +- 5 CG 50V)
LV03	00MLU0410301Y	MLF1608E 100KT
LV04	00MLU0447201Y	MLF1608A4R7KT
LV05	C00LA5501001Y	#558CN-100024=P3
LV06	00MLU0410301Y	MLF1608E 100KT
LV07	00MLU0410301Y	MLF1608E 100KT
LV08	00MLU0447201Y	MLF1608A4R7KT
LV09	C00LA5501001Y	#558CN-100024=P3
LV10	00MLU0447201Y	MLF1608A4R7KT
LV11	00MLU2810101Y	LQW2BHNR10J03L
QV01	00MHX350061AY	2SC5006-T1
QV02	C00HZ4002201Y	HVC328C
QV03	00MHX350061AY	2SC5006-T1
QV04	C00HZ4002201Y	HVC328C
QV05	C00HZ4002201Y	HVC328C
QV06	00MHX347261PY	2SC4726TLP
RV01	00MNN0510161Y	RK73BJTTD 101J (100 OHM +- 5 1/16W)
RV02	00MNN0547061Y	RK73B1JTTD 470J (47 OHM +- 5 1/16W)
RV03	00MNN0582261Y	RK73B1JTTD 822J (8.2K OHM +- 5 1/16W)
RV04	00MNN0547261Y	RK73B1JTTD 472J (4.7K OHM +- 5 1/16W)
RV05	00MNN0547161Y	RK73B1JTTD 471J (470 OHM +- 5 1/16W)
RV06	00MNN0510161Y	RK73BJTTD 101J (100 OHM +- 5 1/16W)
RV07	00MNN0547061Y	RK73B1JTTD 470J (47 OHM +- 5 1/16W)
RV08	00MNN0582261Y	RK73B1JTTD 822J (8.2K OHM +- 5 1/16W)
RV09	00MNN0547261Y	RK73B1JTTD 472J (4.7K OHM +- 5 1/16W)
RV10	00MNN0533161Y	RK73B1JTTD 331J (330 OHM +- 5 1/16W)
RV11	00MNN0510161Y	RK73BJTTD 101J (100 OHM +- 5 1/16W)
RV12	00MNN0568361Y	RK73B1JTTD 683J (68K OHM +- 5 1/16W)
RV13	00MNN0504761Y	RK73B1JTTD 4R7J (4.7 OHM +- 5 1/16W)
RV14	00MNN0504761Y	RK73B1JTTD 4R7J (4.7 OHM +- 5 1/16W)
CS01	00MEY2260352Y	RV2-35V220MU-R
CS02	00MDK9610420Y	GRM188B11C104KA01D (0.1UF +- 10 B 16V)
CS03	00MDK9610420Y	GRM188B11C104KA01D (0.1UF +- 10 B 16V)
CS04	00MEY2260352Y	RV2-35V220MU-R

SYM. No.	PART No.	DESCRIPTION
CS06	00MDK9610420Y	GRM 188B11C104KA01D ( 0.1UF +- 10 B 16V)
CS07	00MDK9610420Y	GRM 188B11C104KA01D ( 0.1UF +- 10 B 16V)
CS08	00MEY2260352Y	RV2-35V220MU-R
CS10	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS11	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS12	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS14	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS15	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS16	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS18	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS19	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS20	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS21	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CS22	00MEY2260352Y	RV2-35V220MU-R
CS23	00MEY2260352Y	RV2-35V220MU-R
CS24	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CS25	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
QS01	C00HC9100121Y	BA90BC0FP-E2
QS02	00MHC3890509F	NJM7805FA +5V
QS03	C00HX216282AY	2SB1628-T1-AZ (ZY,ZZ)
QS04	00MBA2171000Z	UMG3NTR
QS05	C00HX216282AY	2SB1628-T1-AZ (ZY,ZZ)
QS06	00MBA2171000Z	UMG3NTR
QS07	00MBA2110400Y	DTC144EEFTL (/ RN1104)
QS08	C00HX216282AY	2SB1628-T1-AZ (ZY,ZZ)
QS09	00MBA2171000Z	UMG3NTR
QS10	00MBA2110400Y	DTC144EEFTL (/ RN1104)
RS01	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RS02	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RS03	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RS04	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RS05	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RS06	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RS07	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RS08	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RS09	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RS10	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RS11	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
CB01	C00EF47703510	EKZH350ELL471MJ16S
CB02	C00EF47703510	EKZH350ELL471MJ16S
CB03	00MDK9610420Y	GRM 188B11C104KA01D ( 0.1UF +- 10 B 16V)
CB04	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CB05	00MDK9610330Y	GRM 188B11H103KA01D
CB06	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CB09	00MDK9610420Y	GRM 188B11C104KA01D ( 0.1UF +- 10 B 16V)
CB10	00MEY2260352Y	RV2-35V220MU-R
CB11	00MDK9610230Y	GRM 188B11H102KA01D (1000 PF +- 10 B50V)
CB12	00MEY2260352Y	RV2-35V220MU-R
CB13	00MDK9610420Y	GRM 188B11C104KA01D ( 0.1UF +- 10 B 16V)
CB14	00MEY1060107Y	TEESVA1A106M8R (10UF/ 10V )
CB15	C00EF47703510	EKZH350ELL471MJ16S
LB01	C00LC21040060	SF1-T12-50-02-PF
LB02	C00LC21030090	TSL1315S-100K5R1-PF
LB12	C00FN21030030	C3H-A0028
LB13	C00FN2110001Y	ACM1513-551-2PL, COMM MODE FILTER, TDK
QB01	C00HZ2000629Y	DF20L60U-7072, 600V 20A, SNINDENGEN
QB02	C00HT116521A0	2SA1652-AZ NEC
QB03	C00HZ2007521Y	RB095B-60TL (ROHM)
QB04	00MHZ2100500Y	1SS301(TE85L,F)

SYM. No.	PART No.	DESCRIPTION
QB05	00MHZ3130105Y	02CZ13-Y(TE85L,F)
QB06	00MHX346172AY	2SC4617FTL (Q_R)
QB07	00MHX346172AY	2SC4617FTL (Q_R)
QB08	00MHC1029606F	UPC494GS-E1-A
QB09	00MHY1036000Y	2SJ360(TE12L,F)
QB10	00MBA2110400Y	DTC144EEFTL (/RN1104)
QB11	00MHC9810598Y	XC6202P502PR 5.0V REG. TOREX
QB12	00MHX409992AZ	2SD999—T2 (CLICK)
QB13	00MHZ3002102Y	MA8180-M
QB14	00MHZ2000902Z	MA116 (MATSUSHITA)
RB01	00MNN0556061Y	RK73B1JTDD 560J (56OHM +- 5 1/16W)
RB02	00MNN0556061Y	RK73B1JTDD 560J (56OHM +- 5 1/16W)
RB02	00MNN01522402Y	NPR2TBK221J(220OHM)
RB03	00MNN021103010	NPR1 0.01 OHM
RB04	00MNN0522061Y	RK73B1JTDD 220J
RB05	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RB06	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RB07	00MNN0527461Y	RK73B1JTDD 274J
RB08	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RB09	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RB10	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RB11	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RB12	00MNN0539261Y	RK73B1JTDD 392J (3.9K OHM +- 5 1/16W)
RB13	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RB14	00MNN0510161Y	RK73B1JTDD 101J (100 OHM +- 5 1/16W)
RB15	00MNN0533361Y	RK73B1JTDD 333J (33K OHM +- 5 1/16W)
RB16	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RB17	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RB18	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RB19	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RB20	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RB21	00MNN0515161Y	RK73B1JTDD 151J (150 OHM +- 5 1/16W)
RB22	00MNN0515361Y	RK73B1JTDD 153J (15K OHM +- 5 1/16W)
RB23	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RB26	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RB27	00MNN0547261Y	RK73B1JTDD 472J (4.7K OHM +- 5 1/16W)
RB28	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RB29	00MNN0547361Y	RK73B1JTDD 473J (47K OHM +- 5 1/16W)
RB30	00MNN0568461Y	RK73B1JTDD 684J (680K OHM +- 5 1/16W)
RB31	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
CR01	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR02	00MDD9108030Y	GRM1882C1H8R0DD01D
CR03	00MDD9003030Y	GRM1883C1H3R0CZ01
CR04	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CR05	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR06	00MDD9003030Y	GRM1883C1H3R0CZ01
CR07	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CR08	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR09	00MDD9108030Y	GRM1882C1H8R0DD01D
CR10	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR11	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR12	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR13	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR14	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR15	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CR16	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR17	00MDD9106030Y	GRM1882C1H6R0DZ01D
CR18	00MDD9527030Y	C1608CH1H270JT000N 27PF
CR19	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR20	00MDD9003030Y	GRM1883C1H3R0CZ01

SYM. No.	PART No.	DESCRIPTION
CR21	00MDD9003030Y	GRM1883C1H3R0CZ01
CR22	00MDD9527030Y	C1608CH1H270JT000N27PF
CR24	00MDD9106030Y	GRM1882C1H6R0DZ01D
CR25	00MDD9512030Y	GRM1882C1H120JA01
CR26	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR27	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CR28	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CR29	00MDK9610330Y	GRM188B11H103KA01D
CR30	00MDK9610330Y	GRM188B11H103KA01D
CR31	00MDD9515030Y	GRM1882C1H150JA01
CR32	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR33	00MEY2260167Y	TEESVB21C226M8R (22UF/16V)
CR34	00MEY2260167Y	TEESVB21C226M8R (22UF/16V)
CR35	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR36	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CR37	00MDK9610330Y	GRM188B11H103KA01D
CR38	00MDD9004030Y	GRM1882C1H4R0CZ01D
CR39	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CR40	00MDD9001030Y	GRM1884C1H1R0CZ01D
CR41	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CR42	00MDD9533030Y	C1608CH1H330JT000N33 PF +- 5 CG 50V
CR43	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CR44	00MDK9610330Y	GRM188B11H103KA01D
LR01	00MLA75016010	#666SNS-394BYM
LR02	00MLA75016010	#666SNS-394BYM
LR03	00MLA75016020	#666SNS-393BS
LR04	00MLA75016020	#666SNS-393BS
LR05	00MLU1515102Y	ELJNCR15JF
LR06	00MLU1568102Y	ELJNCR68JF
LR07	00MLU2847001Y	LQW2BHN47NJ03L
LR08	00MLU0410301Y	MLF1608E100KT
LR09	00MLU2810101Y	LQW2BHNR10J03L
QR01	C00HZ4002201Y	HVC328C
QR02	C00HZ4002201Y	HVC328C
QR03	C00HY402601AY	3SK260-GR(TE85L,F)
QR04	C00HZ4002201Y	HVC328C
QR05	C00HZ4002201Y	HVC328C
QR06	C00HY402601AY	3SK260-GR(TE85L,F)
QR07	00MHZ2005501Y	HVU131TRF-E HITACHI
QR08	00MHX346172AY	2SC4617FTL (Q_R)
RR01	00MNN0522461Y	RK73B1JTDD224J (220K OHM +- 5 1/16W)
RR02	00MNN0522461Y	RK73B1JTDD224J (220K OHM +- 5 1/16W)
RR03	00MNN0510261Y	RK73B1JTDD102J (1K OHM +- 5 1/16W)
RR04	00MNN0510461Y	RK73B1JTDD104J (100K OHM +- 5 1/16W)
RR05	00MNN0568461Y	RK73B1JTDD684J (680K OHM +- 5 1/16W)
RR06	00MNN0522461Y	RK73B1JTDD224J (220K OHM +- 5 1/16W)
RR07	00MNN0510461Y	RK73B1JTDD104J (100K OHM +- 5 1/16W)
RR08	00MNN0547061Y	RK73B1JTDD470J (47 OHM +- 5 1/16W)
RR09	00MNN0510061Y	RK73B1JTDD100J (10 OHM +- 5 1/16W)
RR10	00MNN0547061Y	RK73B1JTDD470J (47 OHM +- 5 1/16W)
RR11	00MNN0522461Y	RK73B1JTDD224J (220K OHM +- 5 1/16W)
RR12	00MNN0522461Y	RK73B1JTDD224J (220K OHM +- 5 1/16W)
RR13	00MNN0522461Y	RK73B1JTDD224J (220K OHM +- 5 1/16W)
RR14	00MNN0510261Y	RK73B1JTDD102J (1K OHM +- 5 1/16W)
RR15	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RR17	00MNN0547361Y	RK73B1JTDD473J (47K OHM +- 5 1/16W)
RR18	00MNN0510161Y	RK73BJTDD101J (100 OHM +- 5 1/16W)
RR19	00MNN0510161Y	RK73BJTDD101J (100 OHM +- 5 1/16W)
RR21	00MNN0510061Y	RK73B1JTDD100J (10 OHM +- 5 1/16W)



SYM. No.	PART No.	DESCRIPTION
RR22	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
RR23	00MNN0522161Y	RK73B1JTTD 221J (220 OHM +- 5 1/16W)
RR25	00MNN0510361Y	RK73B1JTTD 103J (10K OHM +- 5 1/16W)
RR26	00MNN0547361Y	RK73B1JTTD 473J (47K OHM +- 5 1/16W)
CT01	C00DB1522050Y	ERF22X6C2H220JD01L, 22PF, MURATA
CT03	C00DB1547050Y	ERF22X6C2H470JD01L, 47PF, MURATA
CT05	C00DB1547050Y	ERF22X6C2H470JD01L, 47PF, MURATA
CT07	C00DB1515050Y	ERF22X6C2H150JD01L, 15PF, MURATA
CT08	00MDK5610230Y	GRM216B11H102KA01D
CT09	C00DB1522050Y	ERF22X6C2H220JD01L, 22PF, MURATA
CT10	00MDD5533030Y	GRM2162C1H330JZ01D
CT11	00MDD5522030Y	GRM2162C1H220JZ01D
CT12	00MDK5610230Y	GRM216B11H102KA01D
CT13	00MDK5610230Y	GRM216B11H102KA01D
CT14	00MDD5001030Y	GRM2164C1H1R0CD01D
CT15	00MDD5001030Y	GRM2164C1H1R0CD01D
CT16	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT18	C00DB1522050Y	ERF22X6C2H220JD01L, 22PF, MURATA
CT19	00MDD5001030Y	GRM2164C1H1R0CD01D
CT20	00MDD5001030Y	GRM2164C1H1R0CD01D
CT21	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT22	C00DB1568050Y	ERF22X6C2H680JD01L, 68PF, MURATA
CT24	C00DB1533120Y	ERF22X6C2D331JD01L, 330PF, MURATA
CT25	C00DB1539050Y	ERF22X6C2H390JD01L, 39PF, MURATA
CT26	00MDK5610230Y	GRM216B11H102KA01D
CT27	00MDK5610230Y	GRM216B11H102KA01D
CT28	00MDD9003030Y	GRM1883C1H3R0CZ01
CT30	00MDD9547030Y	GRM1882C1H470JA01D (47 PF +- 5 CG 50V)
CT32	00MDD9106030Y	GRM1882C1H6R0DZ01D
CT33	00MDD9533030Y	C1608CH1H330JT000N33 PF +- 5 CG 50V
CT34	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT35	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CT36	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT38	00MDD9533030Y	C1608CH1H330JT000N33 PF +- 5 CG 50V
CT40	00MDK5610230Y	GRM216B11H102KA01D
CT41	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CT42	00MDD5522130Y	220PF
CT44	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CT45	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CT46	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT47	00MDD9510130Y	GRM1882C1H101JA01D (100 PF +- 5 CG 50V)
CT48	00MDD9510130Y	GRM1882C1H101JA01D (100 PF +- 5 CG 50V)
CT49	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT50	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CT51	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT52	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CT54	00MDD5510130Y	GRM2162C1H101JA01D
CT55	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT56	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CT57	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CT58	00MDD9522030Y	GRM1882C1H220JA01D (22 PF +- 5 CG 50V)
CT59	00MDD5533030Y	GRM2162C1H330JZ01D
CT60	00MDD5568030Y	GRM2162C1H680JZ01D
CT61	00MDD5556030Y	GRM2162C1H560JZ01D
CT62	00MDD9510130Y	GRM1882C1H101JA01D (100 PF +- 5 CG 50V)
CT63	00MDD5518030Y	GRM2162C1H180JZ01D
CT64	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CT65	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CT66	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)

SYM. No.	PART No.	DESCRIPTION
CT67	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT68	00MDK9647320Y	GRM188R11C473KA01D
CT69	C00DB1533050Y	ERF22X6C2H330JD01L, 33PF, MURATA
CT70	00MEY4760167Y	TEESVC1C476M12R (47UF / 16V)
CT71	00MEY2260257Y	TEESVD1E226M12R22UF/25V
CT73	C00DB1533050Y	ERF22X6C2H330JD01L, 33PF, MURATA
CT74	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT75	C00DB1515050Y	ERF22X6C2H150JD01L, 15PF, MURATA
CT76	C00DB1515050Y	ERF22X6C2H150JD01L, 15PF, MURATA
CT78	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT80	00MDD9110030Y	GRM1882C1H100JA01D
CT81	00MDD9110030Y	GRM1882C1H100JA01D
CT82	00MEY1060167Y	TEESVB21C106M8R (10UF/16V)
CT83	00MDK9610230Y	GRM188B11H102KA01D (1000 PF +- 10 B50V)
CT87	00MEA47702570	RE3-25V471MH3#
CT88	00MEA47702570	RE3-25V471MH3#
CT89	00MDK5610230Y	GRM216B11H102KA01D
CT90	00MDK5610230Y	GRM216B11H102KA01D
CT91	00MDK5610230Y	GRM216B11H102KA01D
CT92	00MDK5610230Y	GRM216B11H102KA01D
JT01	C00YJ10100020	NS2502, SO-239 (M-J) WITH NUT, PHOENIX
LT01	C00ML05010090	AIR COIL 4.0T*5.0 1.0AIW
LT02	C00ML05010090	AIR COIL 4.0T*5.0 1.0AIW
LT03	C00ML05010090	AIR COIL 4.0T*5.0 1.0AIW
LT04	00MML05010030	3T COIL
LT05	00MLU2847001Y	LQW2BHN47NJ03L
LT06	00MLU1210201Y	NLV32T-1R0J-PF
LT07	C00ML05010090	AIR COIL 4.0T*5.0 1.0AIW
LT08	C00ML05010060	AIR COIL 2.5T*5.0 1.0AIW
LT09	00MML05010030	3T COIL
LT10	00MML05010030	3T COIL
LT11	C00LU8068201Y	LQH55DN6R8M03L
LT12	C00LU8068201Y	LQH55DN6R8M03L
LT13	00MLU2812001Y	LQW2BHN12NJ03L
LT14	00MLU2847001Y	LQW2BHN47NJ03L
LT15	00MML020050GY	AS050730-47NK
LT16	00MLU2856001Y	LQW2BHN56NJ03L
LT17	C00ML05010060	AIR COIL 2.5T*5.0 1.0AIW
LT18	00MLU2810101Y	LQW2BHNR10J03L
LT19	00MLU2810101Y	LQW2BHNR10J03L
LT20	C00ML05010020	AIR COIL 1.5T*5.0 1.0AIW
LT21	C00LU8068201Y	LQH55DN6R8M03L
LT22	C00LU8068201Y	LQH55DN6R8M03L
LT23	00MFN3103003Y	BLM21PG600SN1D 2012 3A
LT24	00MML0170503Y	0.5/1.7D3T COIL
LT25	00MML0170503Y	0.5/1.7D3T COIL
LT26	00MML0170503Y	0.5/1.7D3T COIL
LT27	C00LU8068201Y	LQH55DN6R8M03L
LT28	C00TO11405040	OP-14D31RF
LT29	00MML020050EY	0.5/2.0D5T
LT30	00MLU0410301Y	MLF1608E 100KT
LT31	C00LU8003001Y	AS050221-3R3NJ(3.3nH)
LT32	C00LU8003001Y	AS050221-3R3NJ(3.3nH)
QT01	00MHD20001450	UM-9401
QT02	00MHZ2000620Y	L709CER
QT03	00MHZ2005501Y	HVU131TRF-E HITACHI
QT04	00MHZ2005702Y	MA2S72800L
QT05	00MHZ2005702Y	MA2S72800L
QT06	C00HF2A003000	RD70HVF1

SYM. No.	PART No.	DESCRIPTION
QT07	C00HY4RD011BY	RD01MUS1-101
QT08	00MHZ3056100Y	MAZ80560ML
QT10	00MHX350061AY	2SC5006-T1
QT11	00MHC1033605Y	TA75S01F(TE85L,F)
QT12	00MHX352271AY	2SC5227-4-TB-E
QT14	C00HV0003499Y	IMSA-6802-01Y900
QT15	C00HY2A00300Y	RD12MVS1
QT16	C00HF22498000	2SK2498
QT17	C00HF22498000	2SK2498
RT01	00MRI0522112Y	MCR50JZHJ221 (220 OHM +- 5 1/2W)
RT02	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RT03	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RT05	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RT06	00MGD05000160	0 OHM +- 5 1/6W
RT07	00MNN0510161Y	RK73BJTDD 101J (100 OHM +- 5 1/16W)
RT08	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RT10	00MNN0500061Y	RK73Z1JTDD (0 OHM +- 5 1/16W)
RT15	00MNN0522161Y	RK73B1JTDD 221J (220 OHM +- 5 1/16W)
RT16	00MNN0582261Y	RK73B1JTDD 822J (8.2K OHM +- 5 1/16W)
RT17	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RT18	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RT19	00MNN0522361Y	RK73B1JTDD 223J (22K OHM +- 5 1/16W)
RT20	00MNN0510461Y	RK73B1JTDD 104J (100K OHM +- 5 1/16W)
RT21	C00NY0473038Z	PVA2A473A01R00
RT22	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RT23	00MNN0518461Y	RK73B1JTDD 184J (180K OHM +- 5 1/16W)
RT26	00MNN0522061Y	RK73B1JTDD 220J
RT28	00MNN0539161Y	RK73B1JTDD 391J (390 OHM +- 5 1/16W)
RT29	00MNN0533261Y	RK73B1JTDD 332J (3.3K OHM +- 5 1/16W)
RT30	C00NQ2510301Y	ERJM1W S10M
RT31	00MNN0510061Y	RK73B1JTDD 100J (10 OHM +- 5 1/16W)
RT32	C00NY0102038Z	PVA2A102A01R00
RT33	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RT34	C00NQ2510301Y	ERJM1W S10M
RT35	00MNN0510061Y	RK73B1JTDD 100J (10 OHM +- 5 1/16W)
RT36	C00NY0102038Z	PVA2A102A01R00
RT37	00MNN0510361Y	RK73B1JTDD 103J (10K OHM +- 5 1/16W)
RT39	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RT40	00MNN0510261Y	RK73B1JTDD 102J (1K OHM +- 5 1/16W)
RT41	00MNN0515061Y	RK73B1JTDD 150J
RT42	00MNN0533161Y	RK73B1JTDD 331J (330 OHM +- 5 1/16W)
RT43	00MNN0533161Y	RK73B1JTDD 331J (330 OHM +- 5 1/16W)
RT45	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RT46	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RT47	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RT48	00MNN0510061Y	RK73B1JTDD 100J (10 OHM +- 5 1/16W)
RT49	00MNN0522261Y	RK73B1JTDD 222J (2.2K OHM +- 5 1/16W)
RT50	00MNN0527261Y	RK73B1JTDD 272J (2.7K OHM +- 5 1/16W)
RT51	00MNN0515261Y	RK73B1JTDD 152J (1.5K OHM +- 5 1/16W)
RT61	00MNN0547061Y	RK73B1JTDD 470J (47 OHM +- 5 1/16W)
RT62	00MNN0522161Y	RK73B1JTDD 221J (220 OHM +- 5 1/16W)
RT64	00MGD05000160	0 OHM +- 5 1/6W

SYM. No.	PART No.	DESCRIPTION
F001	00MFS11000600	GAR10 250V 10A/MF60NR 10A #
F002	00MFS11000600	GAR10 250V 10A/MF60NR 10A #
N001	C00MP51000020	MP-1000(MIC FOR LAND MOBILE RADIO)
K001	C00WI70AC1000	PCB KIT FOR FL-M1000
W001	C00YC00290010	DC POWER CABLE VFF2.0 WITH BUSHING
W002	C00YC03000020	DC POWER CABLE VFF2.0 WITH 2 FUSE HOLDER
W003	00MYU40070510	SML2CD-40X70.0-BDX6-P0.5-S4

## SECTION 6 MECHANICAL PARTS LIST

SYM. No.	PART No.	DESCRIPTION	QTY
001B	00M70AC064012	FRONT CASE (FL-M1000)	1
002B	00M70AC158010	WINDOW	1
003B	00M70AC270010	FRONT BUTTON (FL-M1000)	1
004B	00M70AC202010	SP-NET	1
008B	00M70AC160012	LCD BRACKET	1
009B	00M70AC274010	REFLECTOR	1
010B	00M70AC107010	FILTER	1
012B	00M70AC107020	KAKUSAN SHEET	1
015B	00M081S118220	L.E.D. SPACER (MAIN)	1
016B	C0051250306A0	+ BINDING HEAD P-TITE (3X6)	4
018B	00M70AC154010	KNOB	1
020B	C0052730320U9	SCREW 6KAKU M3x20	3
051B	00M70AC401010	DIE CAST FRAME	1
052B	00M70AC160020	ANT CON BRACKET	1
053B	00M70AC257010	DIE CAST LID	1
054B	00M51100325U9	SCREW FOR CV + GUIDE	4
055B	C0051440308E9	+ PAN HEAD SEMS /SW (M3*8)	2
058B	00M70AC107040	JACK SHEET	4
061B	00M52AC101050	SUPPORT(M+B27 L=5.5)	3
062B	00M70AC267010	HEAT SINK	1
065B	00M52AC109010	SHIELD	1
071B	00M51440306A9	+ PAN HEAD KAMUSU /SW (M3*6)	8
072B	00M51060312A9	SCREW	2
073B	00M51440310A9	SCREW	2
076B	00M70AC160030	TR IC BRACKET	1
077B	00M70AC160040	AUDIO IC BRACKET	1
078B	00M70AC160040	AUDIO IC BRACKET	1
079B	00M51442610A0	TR BRACKET FIX	1
080B	00M70AC107050	HEAT SHEET	1
081B	00M76AC123020	CONTACTOR	1
082B	00M76AC123020	CONTACTOR	1
085B	00M70AC861010	MADEL LABEL FL-M1000A	1
001S	00M82AC801010	PACKING CASE	1
002S	00M82AC805010	MASTER CARTON	1/5
003S	00M70AC809010	CUSHION	1
005S	00M00AC811060	POLYETY BAG FOR SET	1
006S	00M9510901270	LABEL	1
007S	00M00AC108010	SEAL(A4:210 X 297)	1/5
010S	00M82AC805110	OUTER CARTON	1/5
001T	00M70AC851010	\ USER MANUAL	1
001M	00M350B155500	MIC HANGER ASSY	1
001V	00M70AC160050	MOUNT BRACKET	1
002V	00M70AC056010	BUFFER FOR MOUNT BRACKET	2
003V	C009012638010	POLYETHY BAG No.13 (260 X 380)	1
004V	00M52490408U0	+ HEXAGON HEAD BOLT (M4*8)	4
005V	00M51350514X0	+ TRUSS HEAD TAPPING 1-SYU (5X14)	4
006V	00M52490515X9	+ HEXAGON HEAD BOLT (M5*15)	4
007V	C0053110503K9	HEXAGON NUT 3-SYU (M5)	4
008V	00M54020501E0	WASHER MIGAKI-MARUHIRA (5.0*12.0*0.4)	4
009V	00M54040502N0	FOR MOBILE BRACKET	4
010V	00M9010510020	POLYETHY BAG 50*100 T=0.06	1
011V	00M9011030010	POLYETHY BAG 100*300	1
012V	00M035S007012	STRIP BINITAI(L=100mm)	1



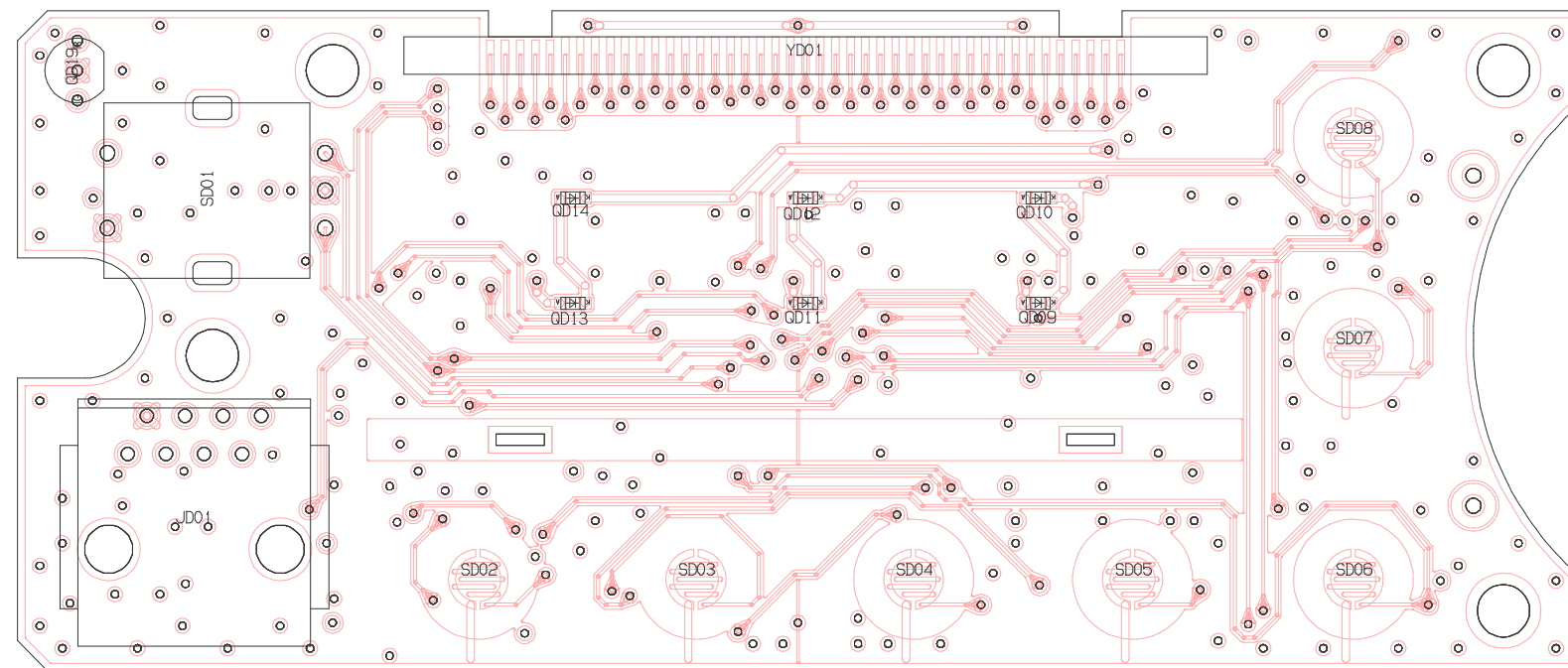
# SECTION 7 SEMI-CONDUCTOR INFORMATION

## • TRANSISTOR, FET AND DIODES

<p><b>RD70HVF1</b>                      <b>2SA1652</b></p>	<p><b>RD01MUS1</b>                      <b>2SB1628</b></p>
<p><b>2SC5006, 2SC5227, 2SC4726, 2SC4116, 2SC4215, 2SC4116, 2SD2351, 2SC4617</b></p>	<p><b>3SK260</b></p>
<p><b>L709CER (PIN DIODE)</b></p>	<p><b>HVC328C</b></p>
<p><b>RN739F, HVM14S</b></p>	<p><b>DAN235E, 1SS301</b></p>
<p><b>ZENER DIODE</b></p>	<p><b>DTA114EE, DTA143EUA</b></p>
<p><b>2SJ347</b></p>	<p><b>2SK1830</b></p>
<p><b>2SK880</b></p>	<p><b>UMG3N</b></p>
<p><b>DTC144EE,</b></p>	<p><b>02CZ13Y</b></p>
<p><b>MA2S728, HVU131, MA2S111, 1SS389</b></p>	<p><b>DE5LC20U, RB095B-60</b></p>

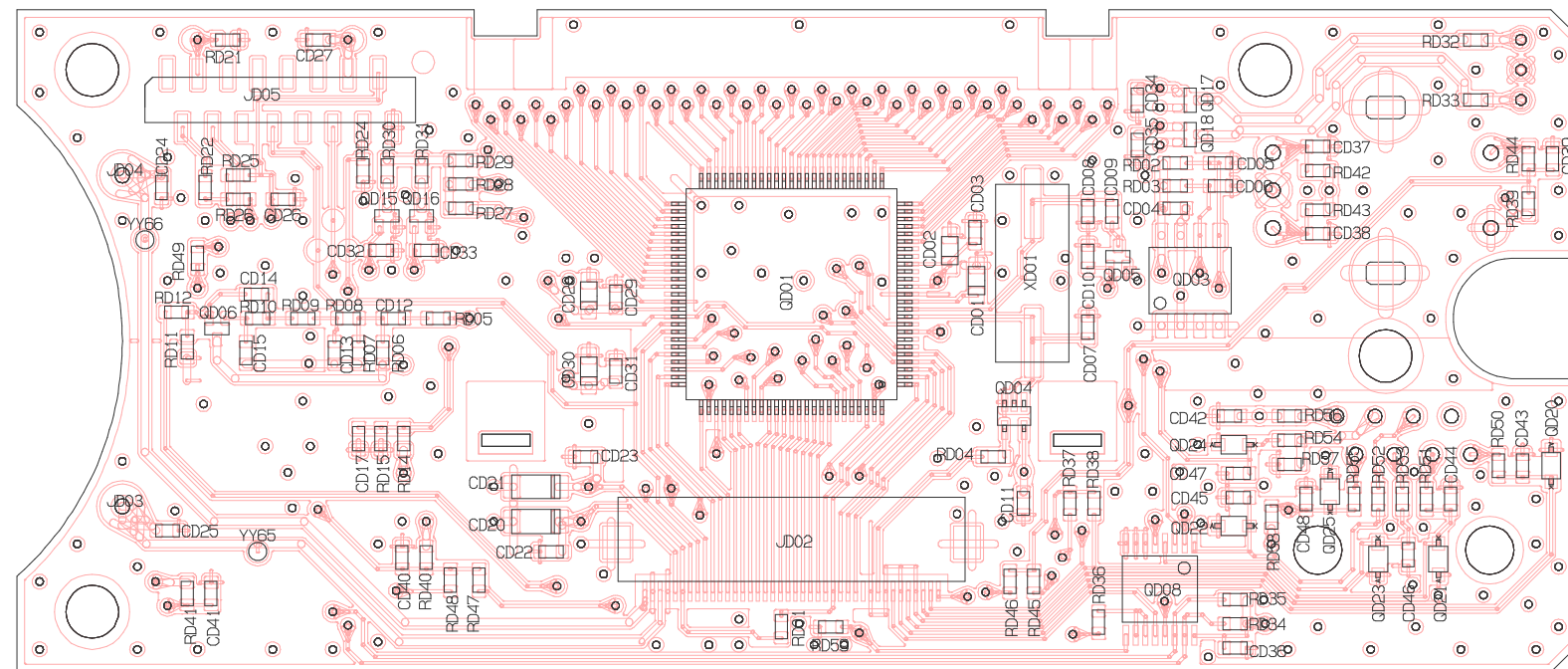
# SECTION 8 BOARD LAYOUTS

## 8-1 FRONT UNIT SIDE A

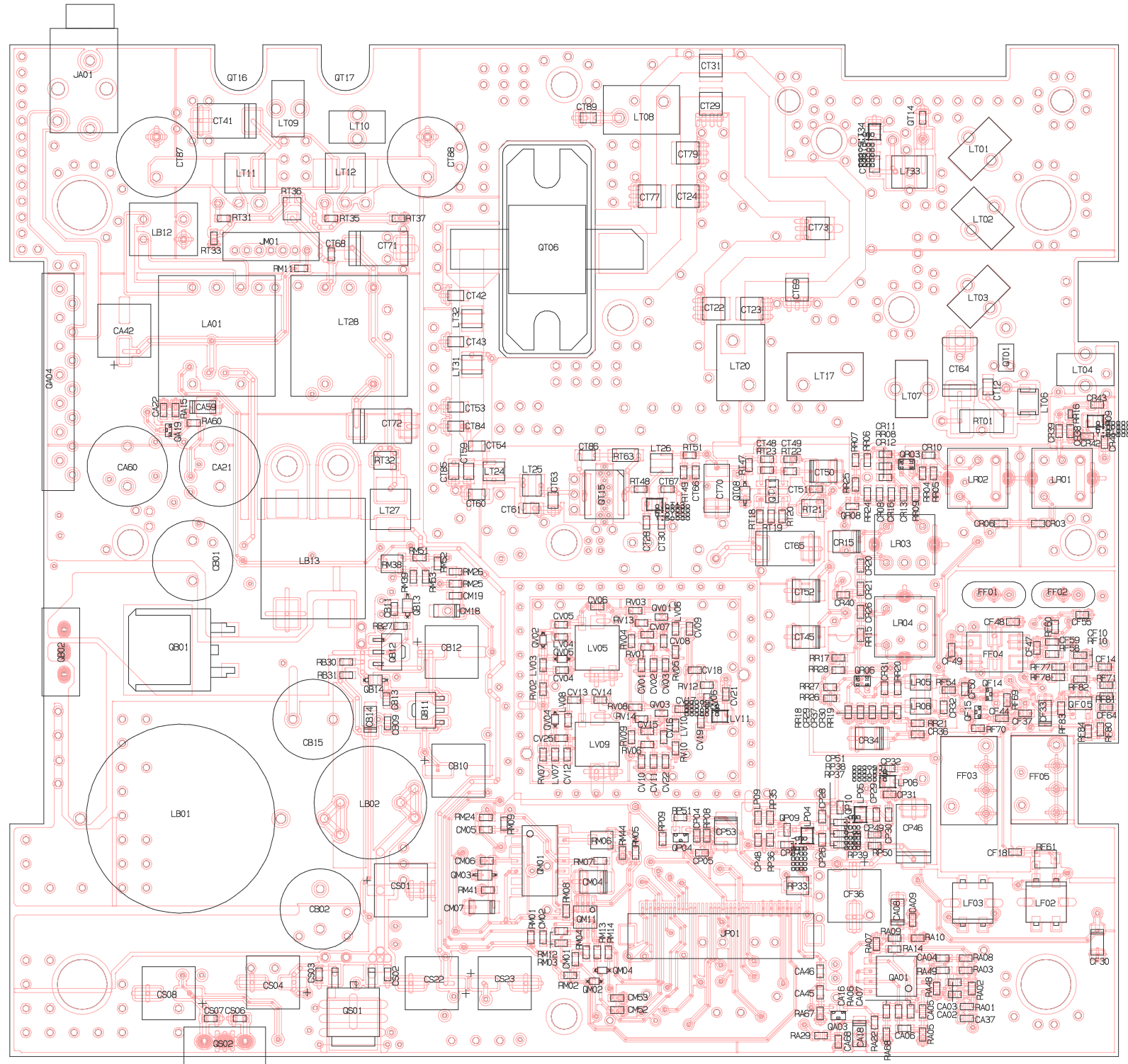




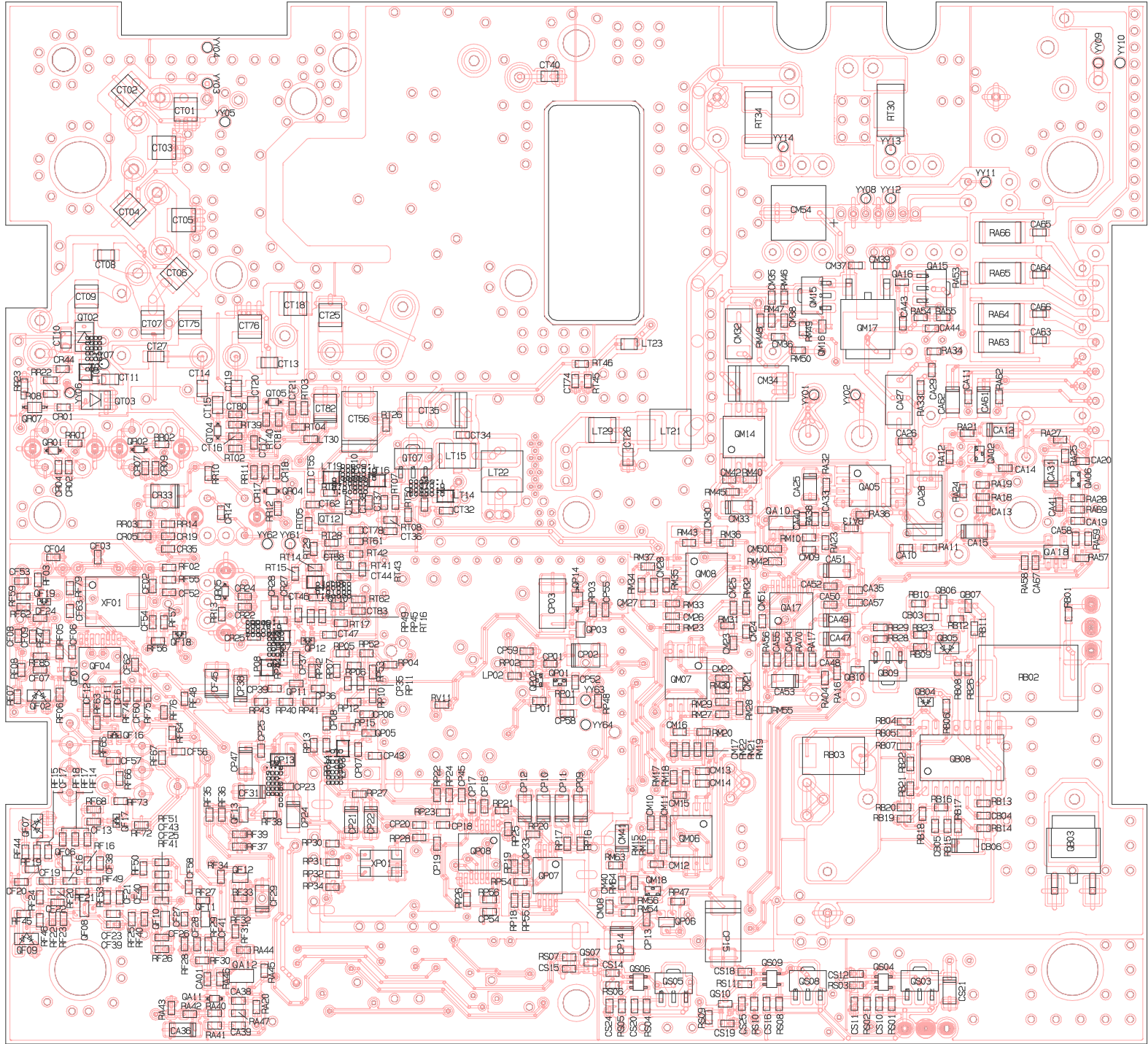
8-2 FRONT UNIT SIDE B

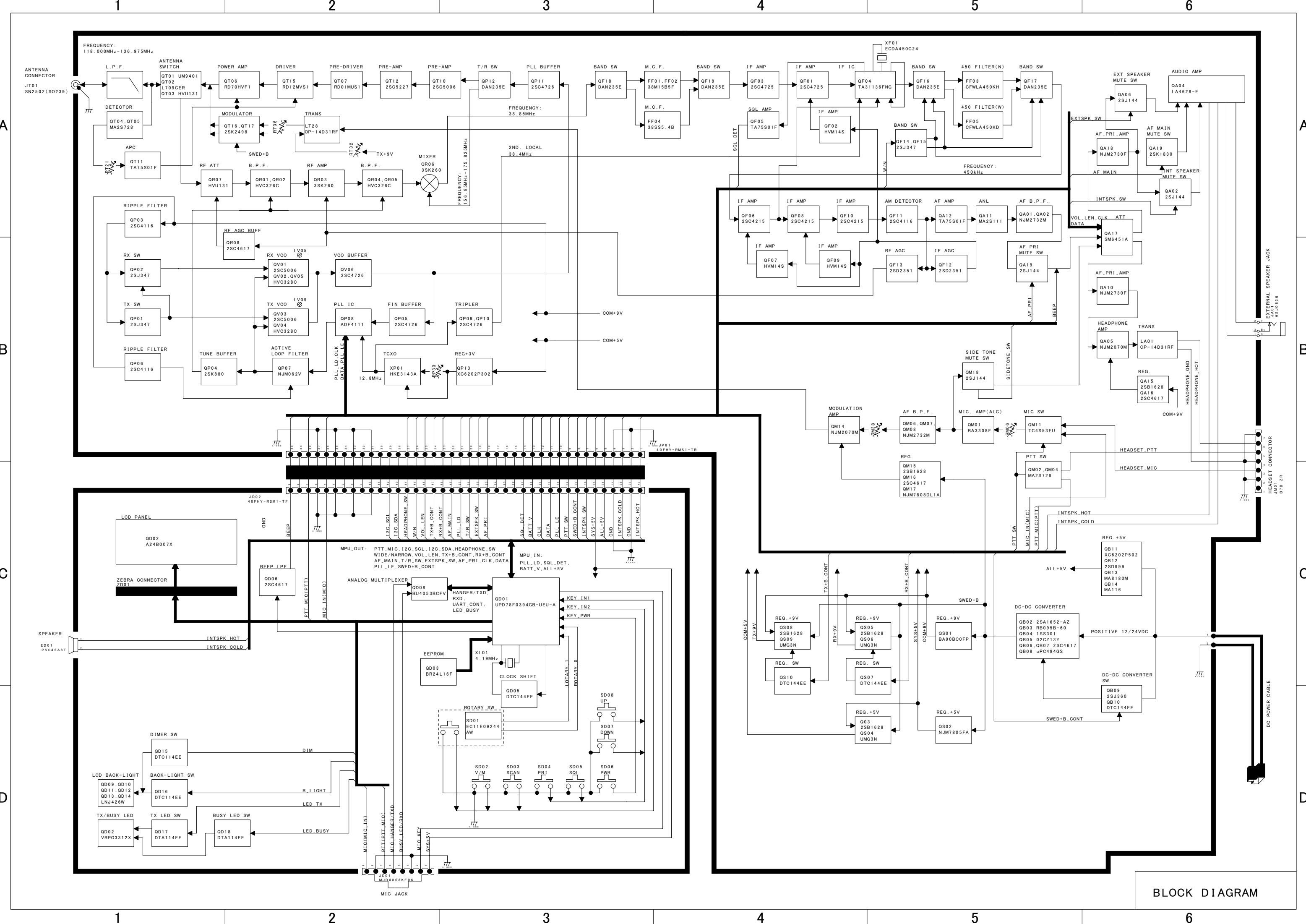


8-3 MAIN UNIT SIDE A

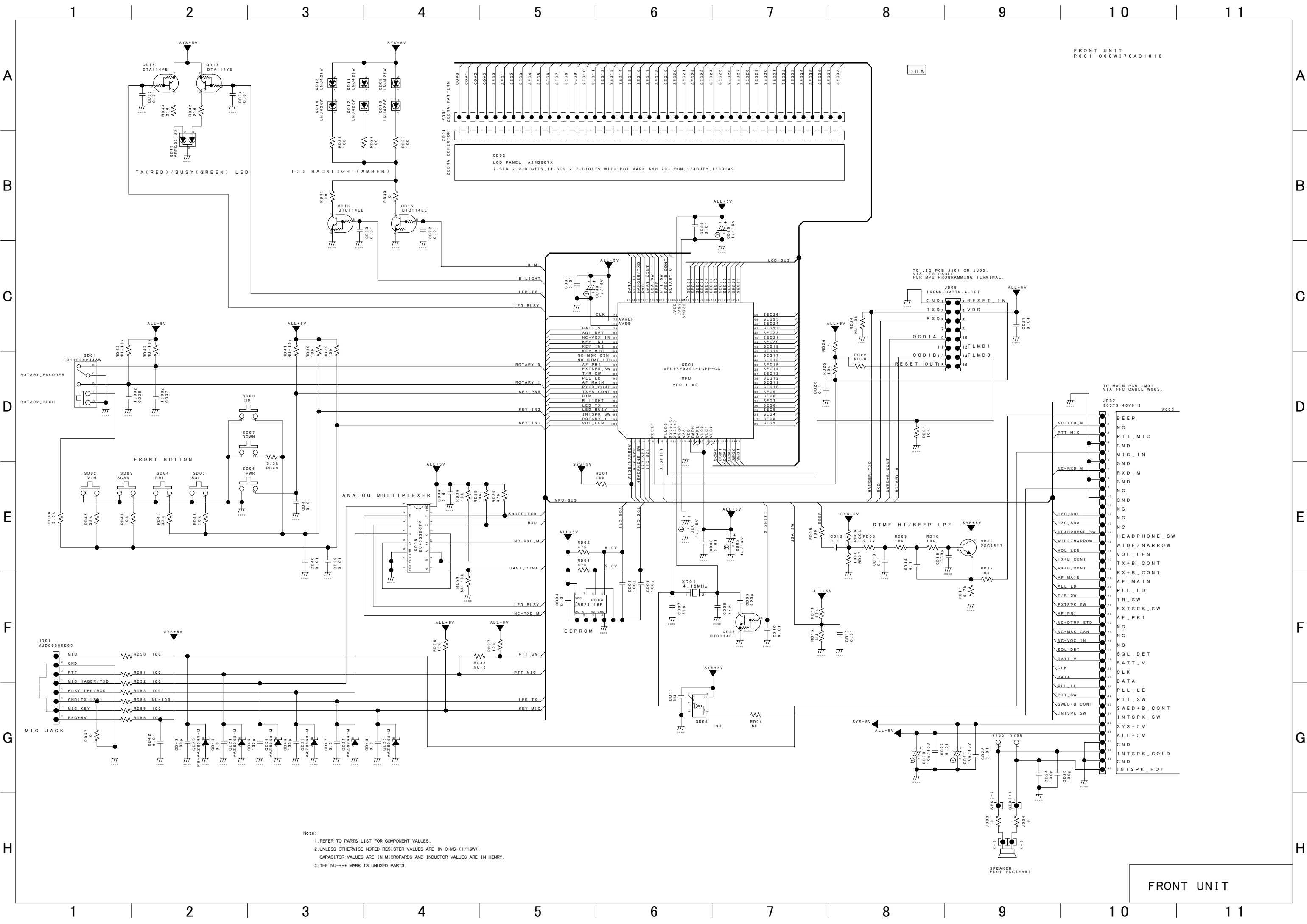


8-4 MAIN UNIT SIDE B





BLOCK DIAGRAM



FRONT UNIT  
P001 C00W170AC1010

DUA

TO MAIN PCB J001  
VIA PFC CABLE W003

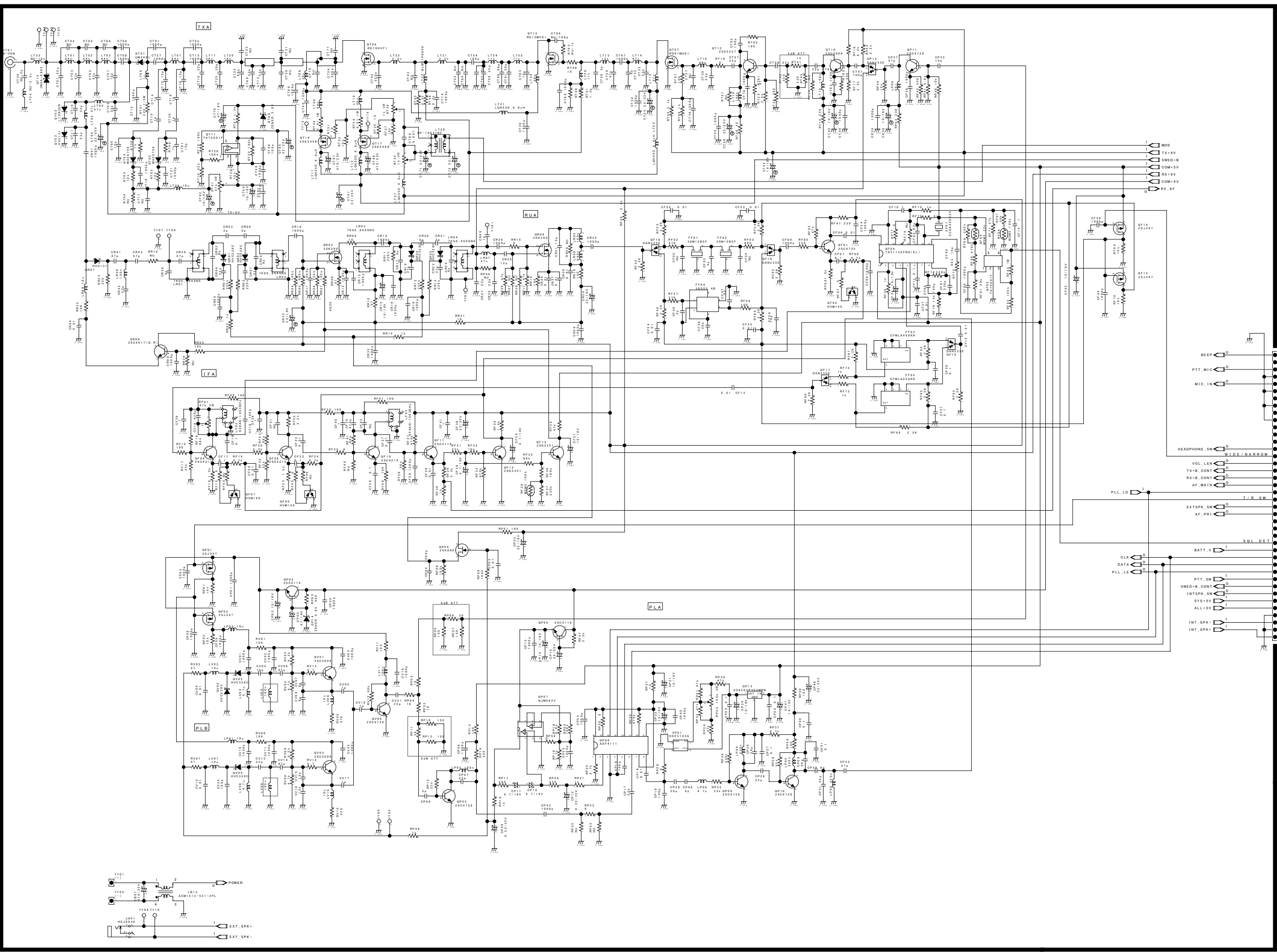
J002 96375-40Y913 W003

J005 16FMN-BMTTN-A-TFT

J003 VIA PFC CABLE W003

Note:  
1. REFER TO PARTS LIST FOR COMPONENT VALUES.  
2. UNLESS OTHERWISE NOTED RESISTOR VALUES ARE IN OHMS (1/16W).  
CAPACITOR VALUES ARE IN MICROFARADS AND INDUCTOR VALUES ARE IN HENRY.  
3. THE NU-\*\*\* MARK IS UNUSED PARTS.

FRONT UNIT



MAIN UNIT(RF/IF)



