



SERVICE MANUAL

1200 MHz BAND UNIT

UX-9100

S-14804XZ-C1
Sep. 2011

Icom Inc.

INTRODUCTION

This service manual describes the latest technical information for the **UX-9100** 1200 MHz BAND UNIT, at the time of publication.

MODEL	VERSION	FREQUENCY RANGE	TX POWER
UX-9100	OTH-01	1240–1300 MHz	10 W

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

CAUTION

NEVER connect the unit to an AC outlet or to a DC power supply that uses more than the specified voltage. This will ruin the unit.

DO NOT expose the unit to rain, snow or any liquids.

DO NOT reverse the polarities of the power supply when connecting the unit.

DO NOT apply an RF signal of more than 20 dBm (100 mW) to the antenna connector. This could damage the unit's front-end.



ORDERING PARTS

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

1. 10-digit Icom part number
2. Component name
3. Equipment model name and unit name
4. Quantity required

<ORDER EXAMPLE>

1110003491	S.I.C	TA31136FNG	UX-9100	MAIN UNIT	5 pieces
8820001210	Screw	2438 screw	UX-9100	Top cover	10 pieces

Addresses are provided on the inside back cover for your convenience.

REPAIR NOTES

1. Make sure that the problem is internal before disassembling the unit.
2. **DO NOT** open the transceiver until the unit 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 electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the unit is defective.
6. **DO NOT** transmit power into a Standard Signal Generator or a Sweep Generator.
7. **ALWAYS** connect a 40/50 dB attenuator between the unit and a Deviation Meter or Spectrum Analyzer, when using such test equipment.
8. **READ** the instructions of the test equipment thoroughly before connecting it to the unit.

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SECTION 1

SPECIFICATIONS

GENERAL	• Frequency coverage (With IC-9100)	[KOR]	RX	1260–1300 MHz	
			TX		
		[USA], [CHN], [EXP]	RX	1240–1320 MHz* ¹	
				TX	1240–1300 MHz
		[EUR], [EUR-01] [ESP], [FRA]	RX	1240–1300 MHz	
					TX
		[ITR]	RX	1240–1300 MHz	
				TX	1270–1298 MHz
	[TPE]	RX	1260–1265 MHz		
		TX			
	• Antenna impedance	50 Ω (Nominal)			
	• Operating temperature range	±0°C to +50°C (32°F to +122°F)			
• Power supply requirement (Nominal)	13.8 V DC ±15% (Negative ground)				
• Current drain (Approximately)	RX (AF Max Power)	5.5 A			
	TX (High)	11.0 A			
• Dimensions (Projections not included)	except RF-C UNIT	142 (W) × 26 (H) × 181 (D) mm; 5.6 (W) × 1.0 (H) × 7.1 (D) in			
	RF-C UNIT	80 (W) × 71.3 (H) × 1.6 (D) mm; 3.1 (W) × 2.8 (H) × 0.1 (D) in			
• Weight (Approximate)	0.95 kg (2.1 lb)				
TRANSMITTER	• Transmit output power		10 W (High), 1.0 W (Low)		
	• Mode		A1A, J3E, F1B, F3E, F7W* ²		
	• Modulation	SSB	Digital PSN modulation		
		AM	Digital Low power modulation		
		FM	Digital Phase modulation		
		DV* ²	GMSK Digital Phase modulation		
	• Max. deviation		FM ±5.0 kHz		
	• Spurious emission		–53 dB min. –50 dB min (Out-of-band domain)		
	• Carrier suppression		More than 40 dB		
	• Unwanted sideband		More than 40 dB		
• Operating mode		Simplex, Duplex			
RECEIVER	• Mode		A1A, J3E, F1B, F3E, F3E, F7W* ²		
	• Receive system		Triple conversion		
	• Intermediate frequencies		1st IF; 243.9500 MHz, 2nd IF; 10.9500 kHz 3rd IF; 36 kHz		
	• Sensitivity	FM	–15 dBμV typ. at 12 dB SINAD (Less than 0.18 μV)		
		SSB, CW	–19 dBμV typ. at 10 dB SINAD (Less than 0.11 μV)		
		DV	–9 dBμV typ. at 1% BER (Less than 0.35 μV)		
	• Squelch sensitivity	FM	–15 dBμ (Less than 0.18 μV) (At threshold) +80 dBμ (Less than 10.0 mV) (At Tight)		
		SSB	0 dBμ (Less than 1.00 μV) (At threshold) +80 dBμ (Less than 10.0 mV) (At Tight)		
	• Adjacent channel selectivity	FM	More than 15.0 kHz/6 dB		
		SSB	More than 2.3 kHz/6 dB		
• Spurious & image rejection ratio		More than 50 dB			

All stated specifications are subject to change without notice or obligation.

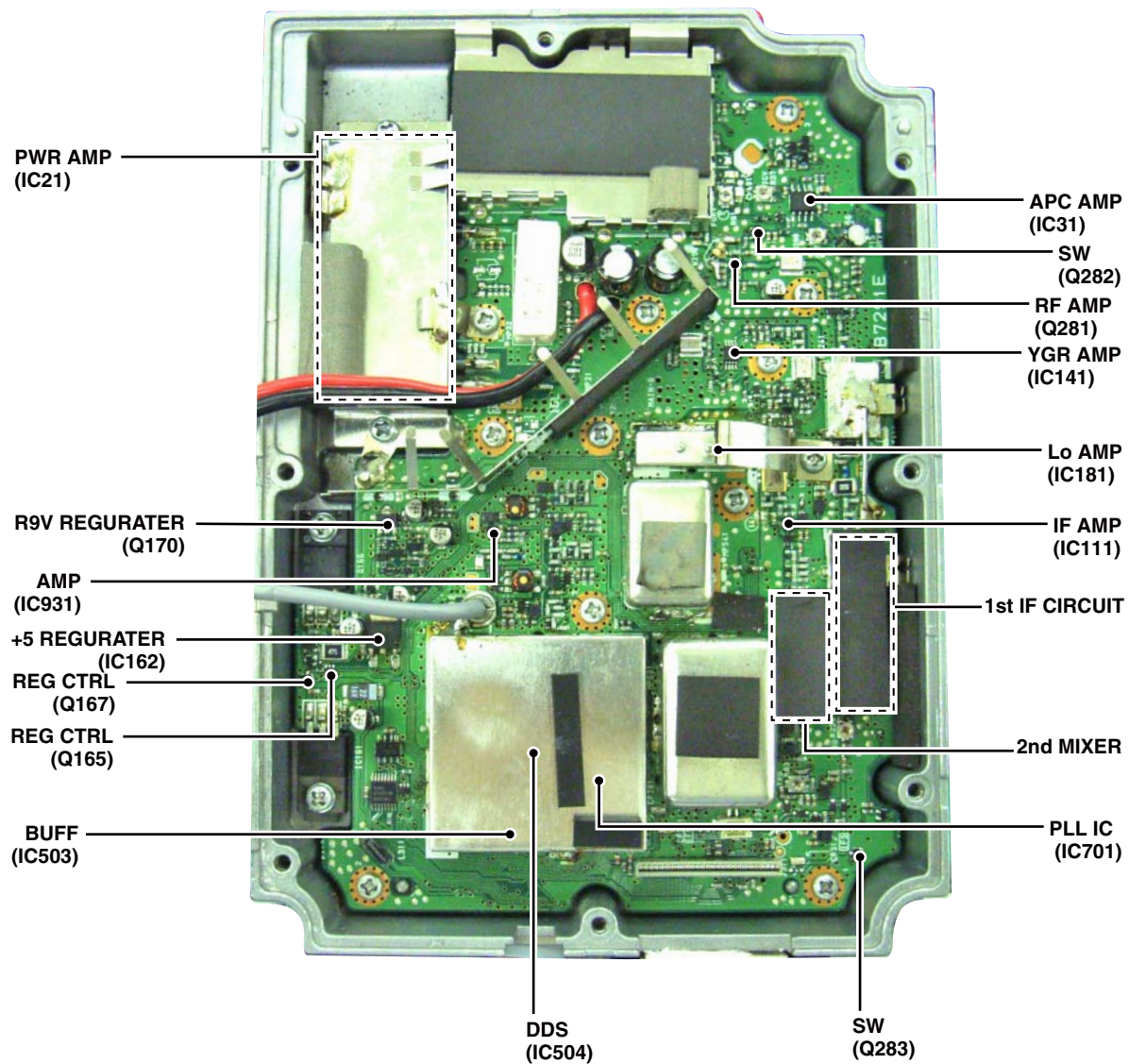
*¹; Guaranteed only 1240.000000 to 1300.000000 MHz.

*²; The optional UT-121 is required.

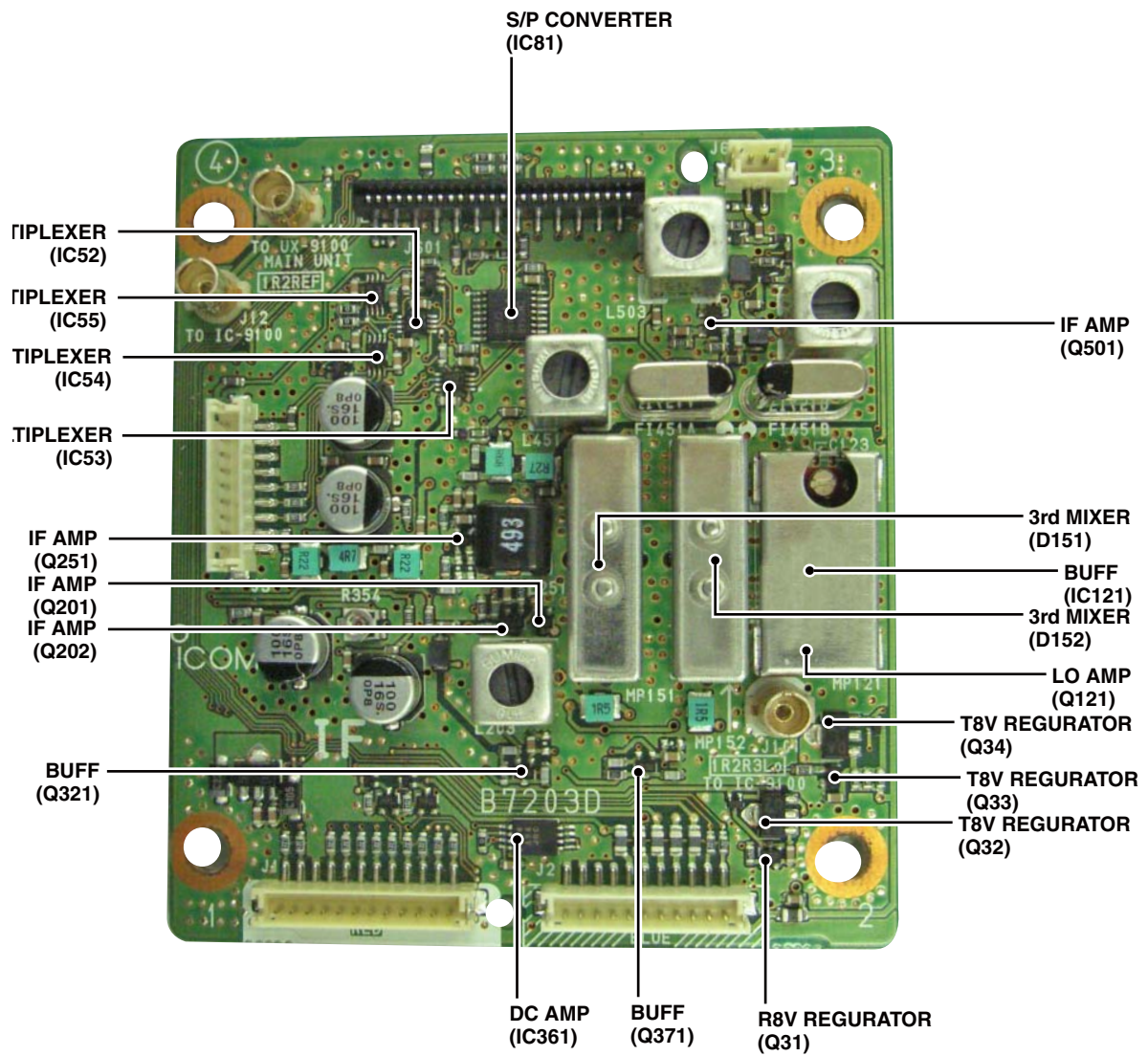
SECTION 2

INSIDE VIEWS

• MAIN-B UNIT



• RF-C UNIT



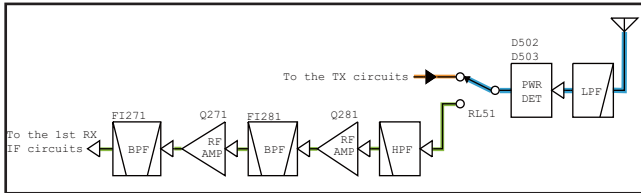
3-1 RECEIVER CIRCUITS

RF CIRCUITS (MAIN-B UNIT)

The RX signal from the antenna is passed through the TX power detector (D502, D503), and TX/RX line SW (RL51) and HPF (L285–L287, L289, C297, C298, C300), and then applied to the RF AMP (Q281). The amplified RX signal is passed through the BPF (FI281) to remove unwanted signals, and then applied to another RF AMP (Q271).

The amplified signal is passed through another BPF (FI271), and then applied to the 1st IF circuits.

• RF CIRCUITS



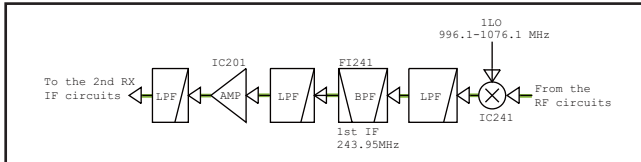
1ST RX IF CIRCUITS (MAIN-B UNIT)

The RX signal from the RF circuits is applied to the 1st IF mixer (IC241) to be mixed with the 1st RX LO signal from the DDS circuits, resulting in the 243.95 MHz 1st IF signal.

The 1st IF signal is passed through the LPF (L252, C240, C269), BPF (FI241) and LPF (L233, C233, C234), and then applied to the 1st IF AMP (IC242).

The amplified 1st IF signal is applied to the 2nd IF circuits, through the LPF (L234, C235, C236).

• 1ST RX IF CIRCUITS



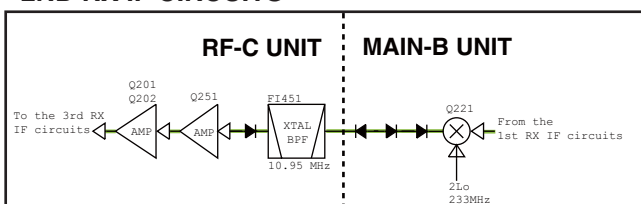
2ND RX IF CIRCUITS (MAIN-B and RF-C UNITS)

The 1st RX IF signal from the 1st IF circuits is applied to the 2nd RX IF mixer (Q221) to be mixed with the 1st RX LO signal from the PLL circuits, resulting in the 10.95 MHz 2nd RX IF signal. The 2nd RX IF signal is applied to the RF-C UNIT, through J313.

The 2nd RX IF signal is passed through the BPF (FI451) and LPF (L253, C255, C257), and then amplified by the 2nd IF AMPs (Q251, Q201 and Q202).

The amplified 2nd RX IF signal is applied to the 3rd RX IF circuits.

• 2ND RX IF CIRCUITS



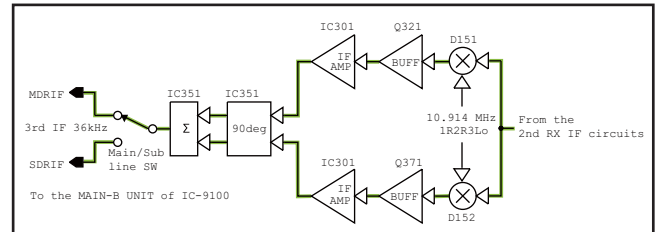
3RD RX IF CIRCUITS (RF-C UNIT)

The 2nd RX IF signal from the 2nd RX IF circuits is divided into two paths, and then each signal is passed through the LPF (L201, C201, C203/L202, C202, C204) and applied to the 3rd RX IF mixers (the image reduction mixers; D151/D152) to be mixed with the 3rd RX LO signal (10.914 MHz) from the MAIN-B UNIT of IC-9100, resulting in the 36 kHz 3rd RX IF signal.

The image reduction mixer removes image frequency components by using two LO signals which are 90 degrees phase-shifted from each other.

The 3rd RX IF signals are independently amplified by the buffers (Q321/Q371) and IF AMPs (IC301). These amplified 3rd RX IF signals are 90 degrees phase-shifted and combined by the combiner (IC351), and then applied to the MAIN-B UNIT of IC-9100, through the MAIN/SUB line SWs (IC52, IC54 and IC55).

• 3RD RX IF CIRCUITS



3-2 TRANSMITTER CIRCUITS

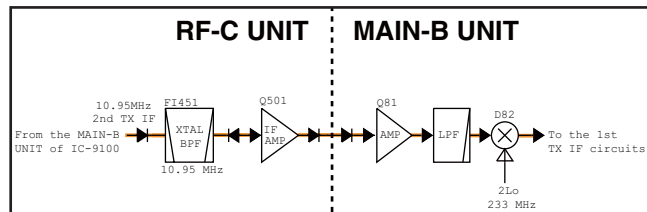
2ND TX IF CIRCUITS (RF-C and MAIN-B UNITS)

The 10.95 MHz 2nd TX IF signal from the MAIN-B UNIT of IC-9100 is passed through the BPF (L401–L403, C401, C403, C404) and BPF (FI451) and amplified by the IF AMPs (Q501). The amplified 2nd TX IF signal is applied to the MAIN-B UNIT.

The amplified 2nd TX IF signal from the RF-C UNIT is amplified by the IF AMP (Q81), and then applied to the 2nd TX IF mixer (D82), through the LPF (L82, L83, C80, C85–C89), to be mixed with the 2nd TX LO signal from the PLL circuits, resulting in the 243.95 MHz 1st TX IF signal.

The 1st TX IF signals applied to the 1st TX IF circuits.

• 2ND TX IF CIRCUITS



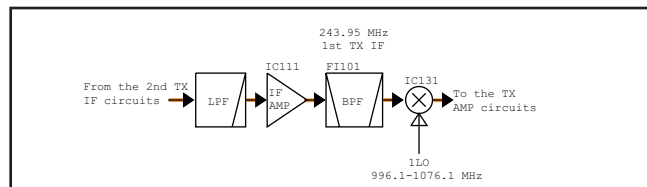
1ST TX IF CIRCUITS (MAIN-B UNIT)

The 1st TX IF signal from the 2nd TX IF circuits is passed through the LPF (L121, L122, C121–C125), amplified by the IF AMP (IC111), and then passed through the BPF (FI101).

The filtered 1st TX IF signal is applied to the 1st TX IF mixer (IC131) to be mixed with the 1st TX LO signal from the PLL circuits, resulting in the TX signal (TX frequency itself).

The TX signal is passed through the BPF (FI141) and LPF (L141, L142, C142–C146), and then applied to the TX amplifier circuits.

• 1ST TX IF CIRCUITS

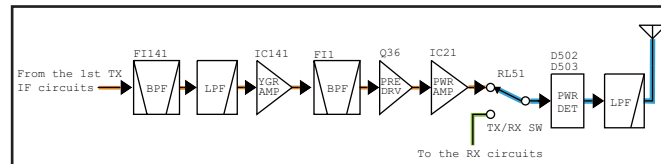


TX AMP CIRCUITS (MAIN-B UNIT)

The TX signal from the 1st TX IF circuits is applied to the YGR AMP (IC141). The amplified TX signal is passed through the BPF (FI1), and amplified by the pre-drive AMP (Q36) and power AMP (IC21).

The amplified TX signal is passed through the TX/RX SW (RL51), power detector circuit (D502, D503), and then applied to the antenna connector (J1).

• TX AMPLIFIER CIRCUITS



3-3 FREQUENCY SYNTHESIZER CIRCUITS (MAIN-B UNIT)

REFERENCE FREQUENCY SIGNAL

The 30.2 MHz reference frequency signal from the MAIN-B UNIT of IC-9100 is applied to the MAIN-B UNIT of UX-9100, through J312. The reference signal is used as the reference frequency signal for the PLL or DDS.

1ST TX/RX LO CIRCUITS

The 30.2 MHz reference frequency signal is passed through the LPF (L751, L752, C751–C753, C755–C757), amplified by the AMP (IC901), passed through the LPF (L902, L907, C904, C905–C908), and then applied to the doubler (D901, L903), resulting in the 60.4 MHz signal.

The doubled reference signal is passed through the BPF (L911–L913, L921, L922, C911–C917, C921–C925), amplified by the AMP (IC931), passed through the LPF (L932, C934–C936), and then applied to another doubler (D931, L933), resulting in the 120.8 MHz signal.

The doubled reference signal is passed through the BPF (L941–L943, L951, L952, C941–C947, C951–C955), amplified by the AMP (IC961), and then applied to the tripler (L971–L973, L981–L983, C971–C977, C981–C985), resulting in the 362.4 MHz signal.

The tripled reference signal is amplified by the AMP (IC991), passed through the BPF (L995–L998, C995–C1000, C1004) and LPF (L507, C538–C540), and then applied to the DDS (IC504) as the master clock signal, through the BPF (L535, L536, C536, C544, C545).

Using the applied DDS master clock signal as the reference, the DDS (IC504) generates the 124.5125–134.5125 MHz 1st RX/TX LO signal. The generated 1st RX/TX LO signal is passed through the BPF (L601–L603, C601–C606, C608, C609, C639, C640, C678–C680) and applied to the AMP (IC602).

The amplified 1st RX/TX LO signal is passed through the LPF (L620, L624, C641–C643, C641, C643, C681, C682), and then applied to the doubler (D602, L608), resulting in the 249.025–269.025 MHz signal.

The doubled 1st RX/TX LO signal is passed through the BPF (L611, L613, L615–L618, C622, C624, C626, C628, C630, C633–C638), amplified by the AMP (IC601), passed through the LPF (L621, C644–C646), and then applied to the doubler (D601, L606), resulting in the 498.05–538.05 MHz signal.

The doubled 1st RX/TX LO signal is passed through the BPF (L609, L610, L612, L614, L622, C617, C619, C620, C621, C623, C625, C627, C629, C632, C647, C648), amplified by the AMP (IC651), passed through the LPF (L659, C672–C674), and then applied to the doubler (Q651, Q652, L651), resulting in the 996.1–1076.1 MHz signal.

The doubled 1st RX/TX LO signal is passed through the BPF L653–L656, L658, L660, C656–C665, C670, C671, C676, C677) and HPF (L185, C191, C194, C195), amplified by the LO AMP (IC181).

The amplified 1st RX/TX LO signal is passed through the LPF (L181, L182, C181–C185) and HPF (L196, C190, C196, C197), and then applied to the 1st RX IF mixer (IC241) or 1st TX IF mixer (IC131), through the LPF (L361–L363, C361–C368).

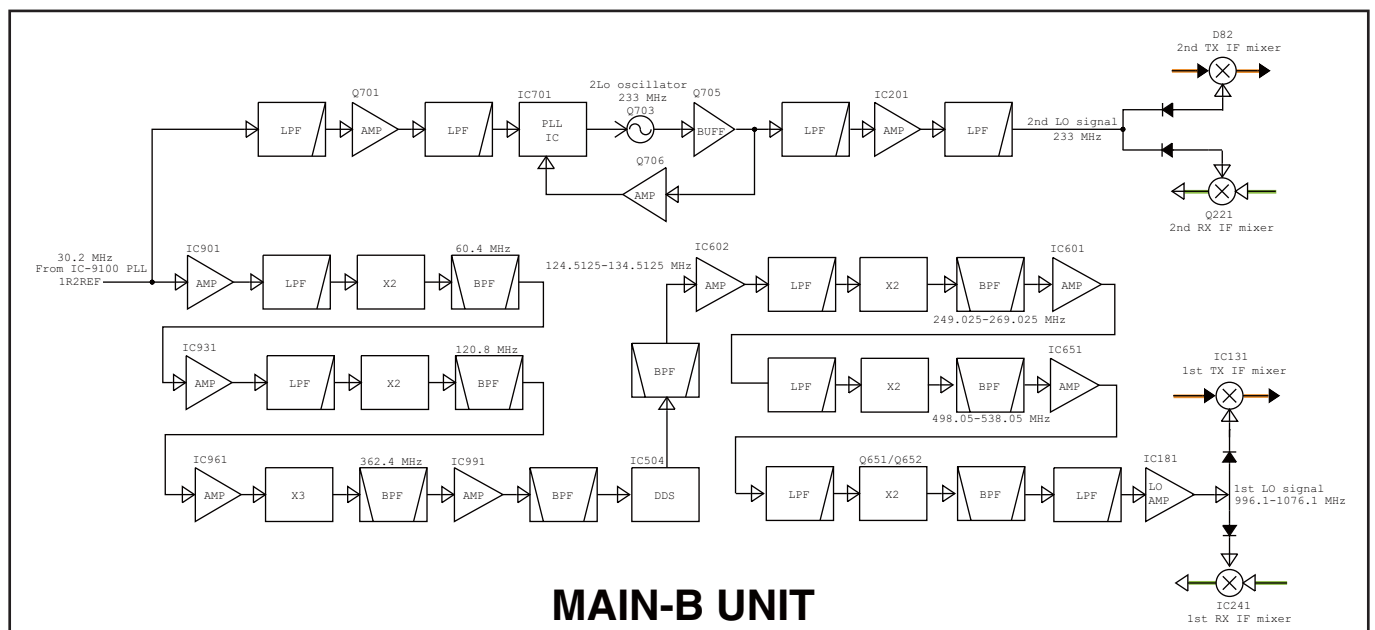
2ND TX/RX LO CIRCUITS

The 30.2 MHz reference frequency signal from the MAIN-B UNIT of IC-9100 is passed through two LPFs (L751, L752, C751–C753, C755–C757 and L761, C742, C761, C762) and applied to the AMP (Q701). The amplified reference signal is applied to the PLL IC (IC701) as the reference frequency signal, through the LPF (L709, C746, C747).

The VCO (Q703, D702, D703), which is controlled by the PLL IC (IC701), generates the 233 MHz 2nd LO signal, by using the applied 30.2 MHz signal as the reference.

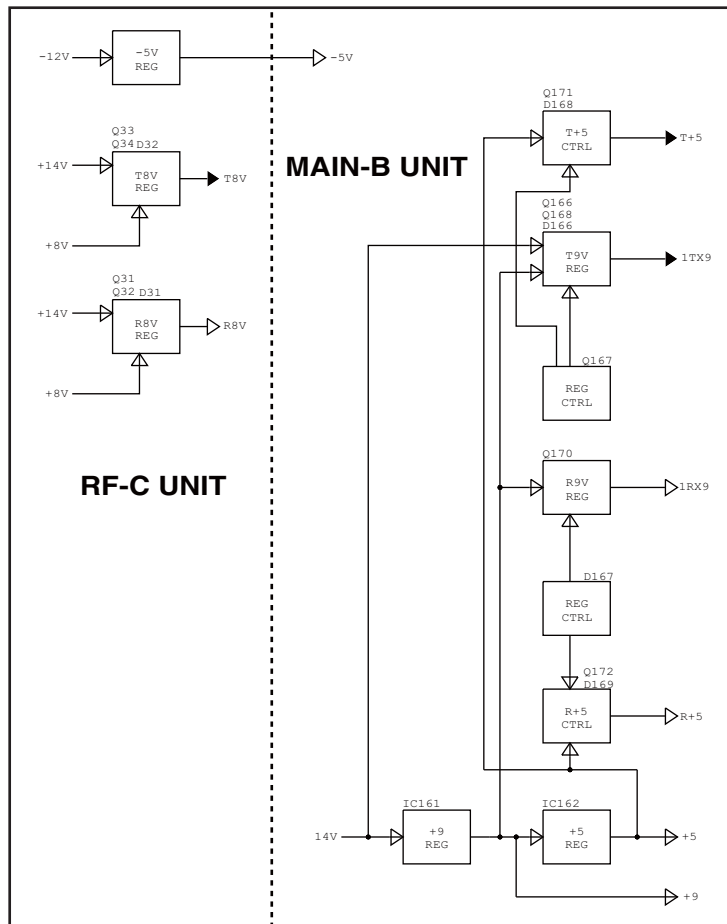
The generated 233 MHz 2nd LO signal is passed through the LPF (L772, L773, C773–C775), buffer (Q705) and LPF (L771, C771, C772), and then applied to the AMP (IC201). The amplified 2nd LO signal is passed through the LPF (L201, L202, C201–C205), and then applied to the 2nd RX IF mixer (Q221) through the LPF (L371, L372, C371–C373) or 2nd TX IF mixer (D82).

• FREQUENCY SYNTHESIZER CIRCUITS



3-4 VOLTAGE DIAGRAMS

Voltage from the power supply is routed throughout the unit, via regulators and switches.



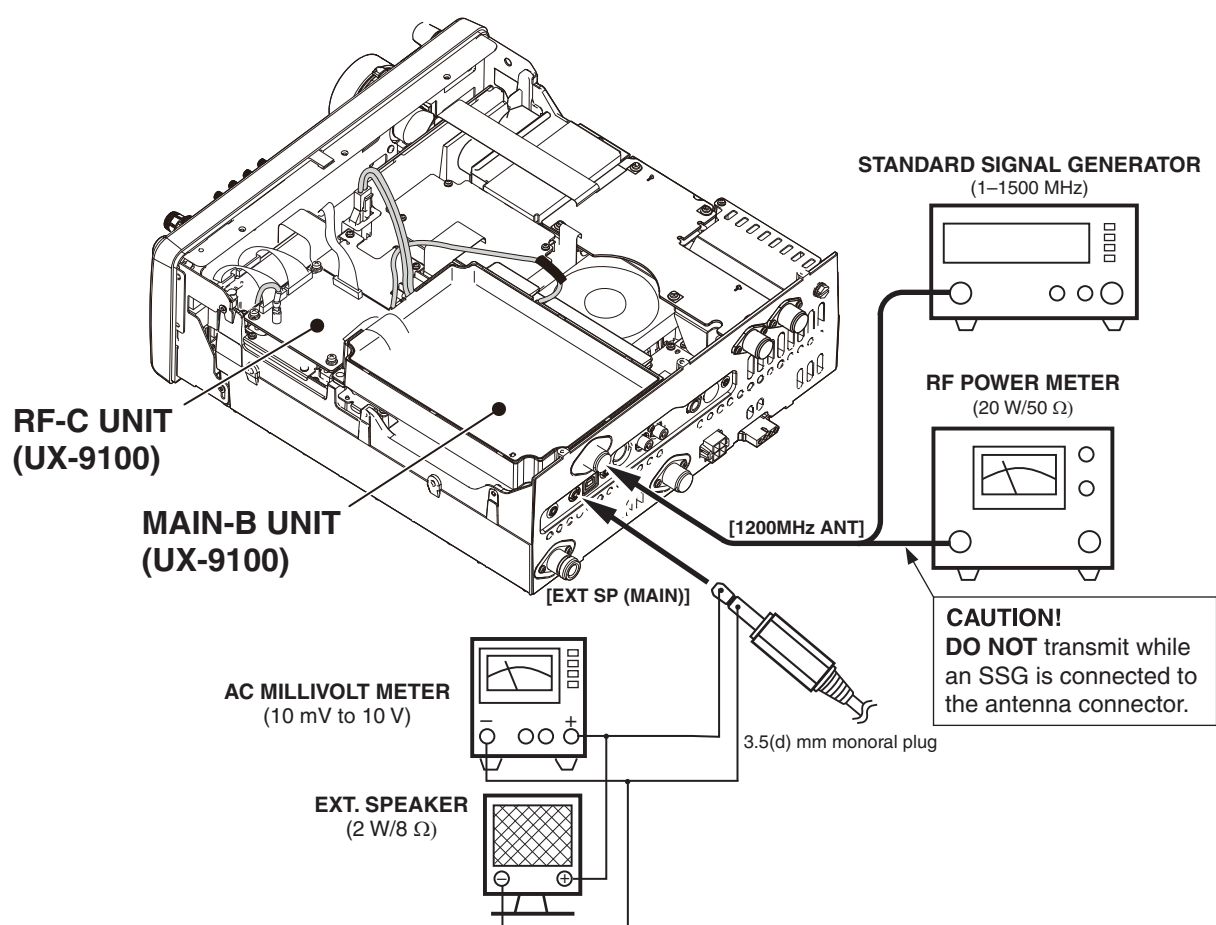
SECTION 4 ADJUSTMENT PROCEDURE

4-1 PREPARATION

■ REQUIRED EQUIPMENTS

EQUIPMENT	GRADE AND RANGE	EQUIPMENT	GRADE AND RANGE
RF power meter (50 Ω terminated)	Measuring range : 0.1–20 W Frequency range : 100–1500 MHz SWR : Less than 1.2 : 1	Standard signal generator (SSG)	Frequency range : 0.1–1500 MHz Output level : –20 dB μ to 100 dB μ (–127 to –7 dBm)
Spectrum analyzer	Frequency range : DC–20 MHz Measuring range : 0.01–20 V	AC millivoltmeter	Measuring range : 10 mV to 10 V
		External speaker	Input impedance : 8 Ω Capacity : More than 2 W

■ GENERAL CONNECTION



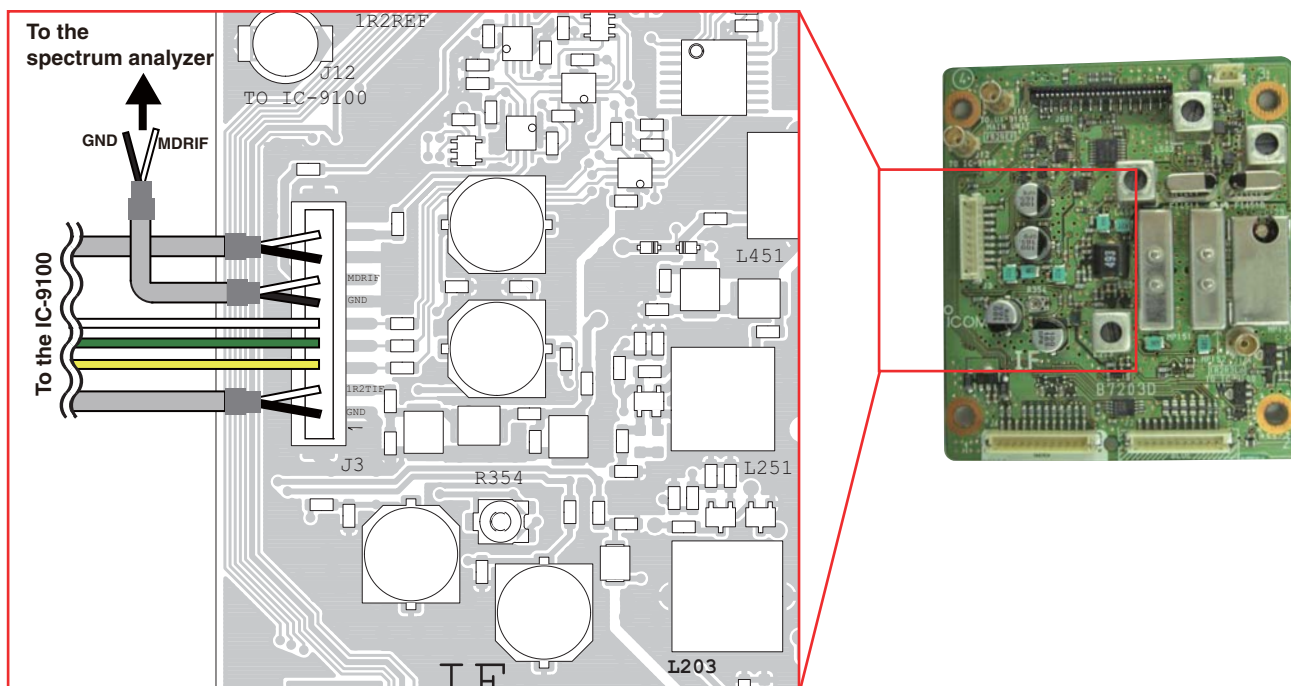
4-2 RECEIVE ADJUSTMENTS

ADJUSTMENT	TRANSCIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
PEAK	- Frequency : 1270.000 MHz (MAIN band) - Mode : SSB - Receiving	1) Disconnect the "MDRIF" line from the pins 6 and 7 of J3 (RF-C UNIT). 2) Connect a spectrum analyzer to the "MDRIF" line as illustrated below, and then set it as; Center : 36 kHz Span : 20 kHz RBW : 300 Hz VBW : 100 Hz 3) Connect an SSG to [1200MHz ANT], and then set it as; Frequency : 1270.000 MHz Modulation : None Level† : 47 dBμ (−60 dBm)	L203 (RF-C UNIT)	Maximum level. (36 kHz signal)
RX TOTAL GAIN			R224 (MAIN-B UNIT)	−20 dBm
ATTENUATOR	- Attenuator : ON - Receiving		R288 (MAIN-B UNIT)	−39 to −41 dBm

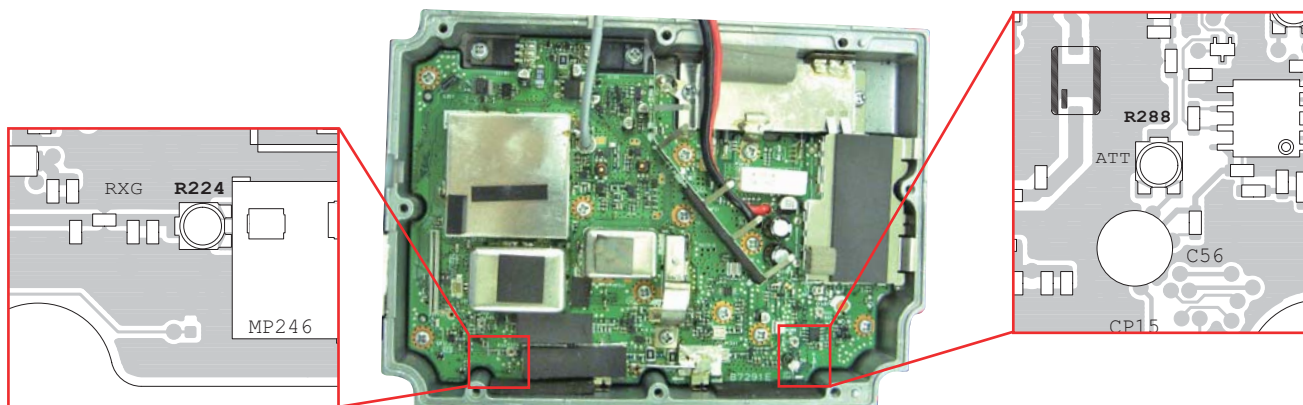
†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

CONNECTION

• RF-C UNIT



• MAIN-B UNIT



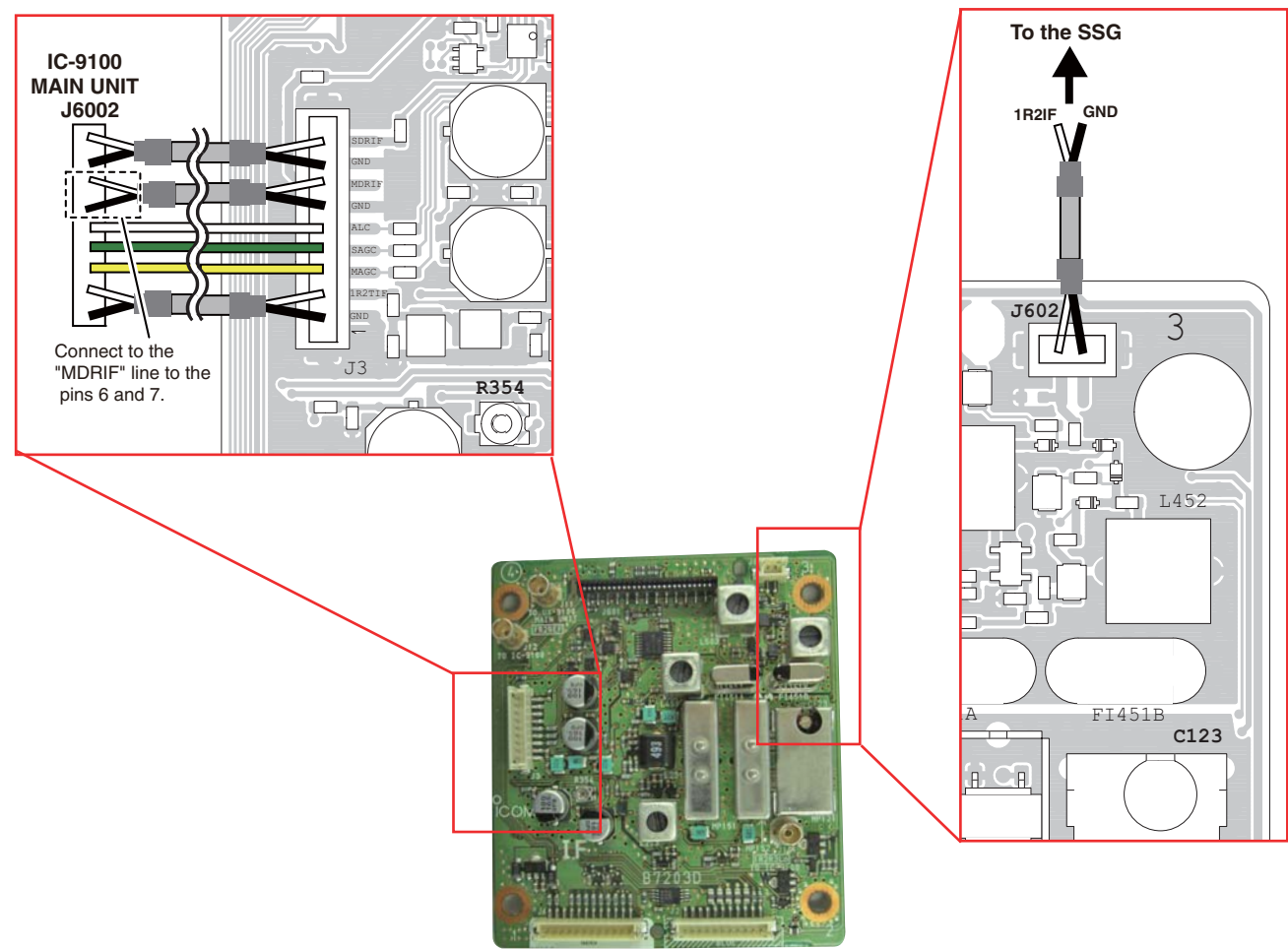
4-2 RECEIVE ADJUSTMENTS (Continued)

ADJUSTMENT	TRANSCIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
IMAGE	- Frequency : 1270.000 MHz (MAIN band) - Mode : SSB - Receiving	1) Disconnect the spectrum analyzer from the pins 6 and 7 ("MDRIF" line) of J3 (RF-C UNIT). 2) Connect to the "MDRIF" line to the pins 6 and 7 of J6002 on the MAIN UNIT of IC-9100, as illustrated below. 3) Connect an SSG to J602 (RF-C UNIT), and then set it as; Frequency : 10.8755 MHz Modulation : None Level† : 90 dBμ (-17 dBm) 4) Connect an AC millivoltmeter to [EXP SP (MAIN)].	R354, C123 (RF-C UNIT)	Minimum AF output level.

†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

CONNECTION

• RF-C UNIT



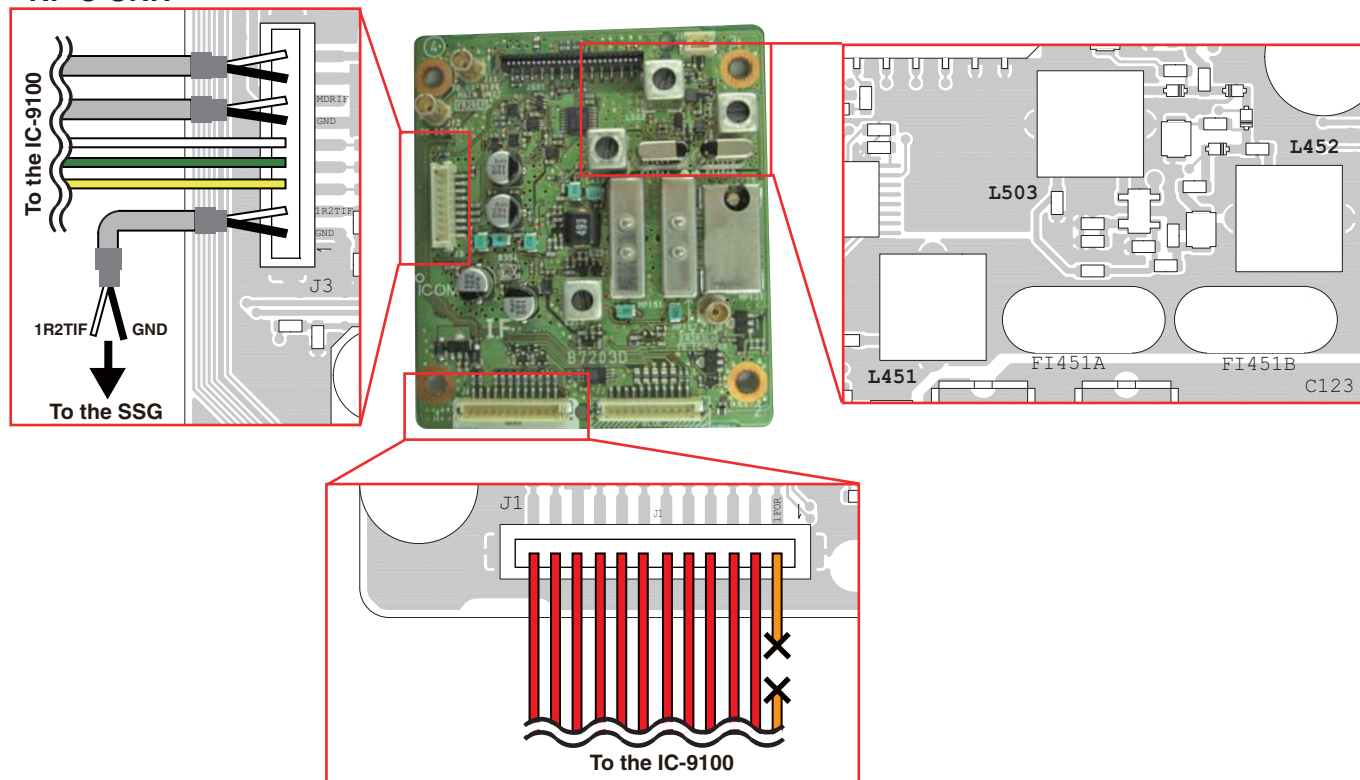
4-3 TRANSMIT ADJUSTMENTS

ADJUSTMENT	TRANSCIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
TX PEAK AND RESIDUAL AM	1	- Frequency: 1300.000 MHz (MAIN band) - Mode : FM - Receiving	R61, R83 (MAIN-B UNIT) 	Max. CW
		Disconnect the "1FOR" line from the pins 1 and 2 of J1, as illustrated below.	C332, R37 (MAIN-B UNIT) 	Center position
	2	Transmitting	L451, L452, L503 (RF-C UNIT) C332 (MAIN-B UNIT)	Maximum TX output level.
	3	Transmitting	—	More than 13 W (Verify)

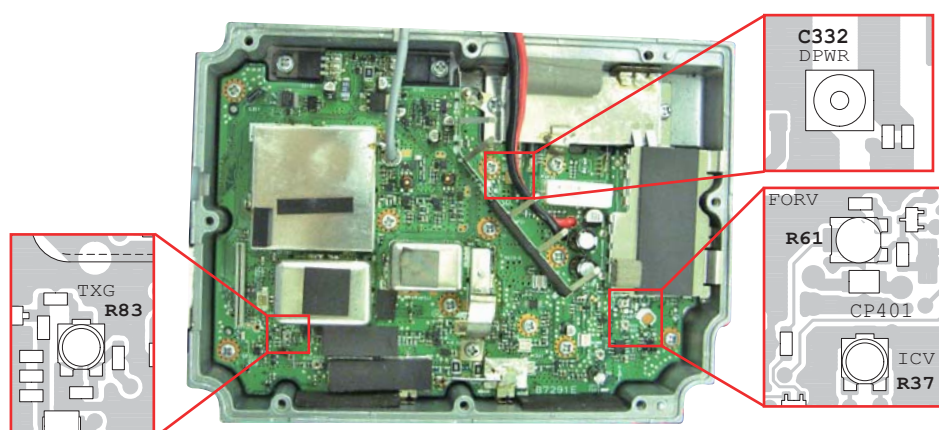
†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

■ CONNECTION

• RF-C UNIT



• MAIN-B UNIT



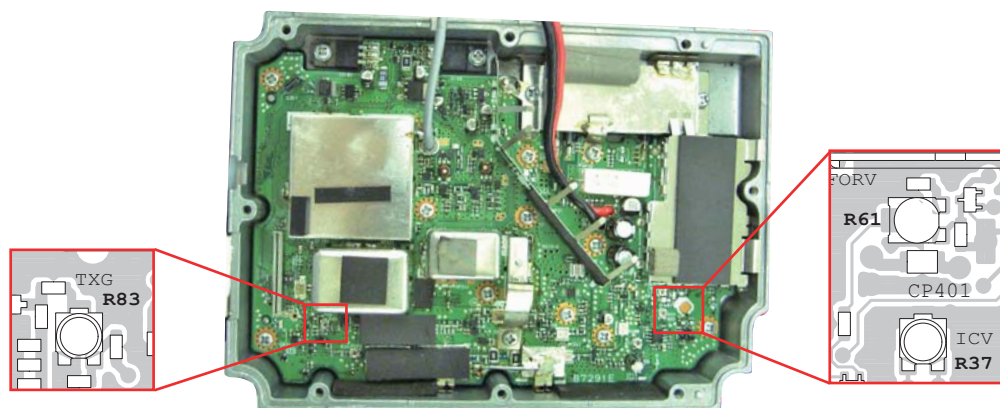
4-3 TRANSMIT ADJUSTMENTS (Continued)

ADJUSTMENT	TRANSCIVER'S CONDITION	OPERATION	ADJUSTMENT ITEM	VALUE
TX TOTAL GAIN	- Frequency: 1270.000 MHz (MAIN band) - Mode: RTTY - Transmitting	- Set the SSG as; Level†: 75 dBμ (−32 dBm) - Connect an RF power meter to [1200MHz ANT].	R83 (MAIN-B UNIT)	5 W
APC	- Frequency: 1240.000 MHz (MAIN band) - Mode: RTTY - Transmitting	1) Disconnect the SSG from the pin 1 and 2 ("1R2TIF" line) of J3 (RF-C UNIT).	R37 (MAIN-B UNIT)	13.0 W
TX POWER SETTING		2) Connect the "1R2TIF" line to the pin 2 of J6002 on the MAIN UNIT of IC-9100, as illustrated below.	R61 (MAIN-B UNIT)	10.7 W

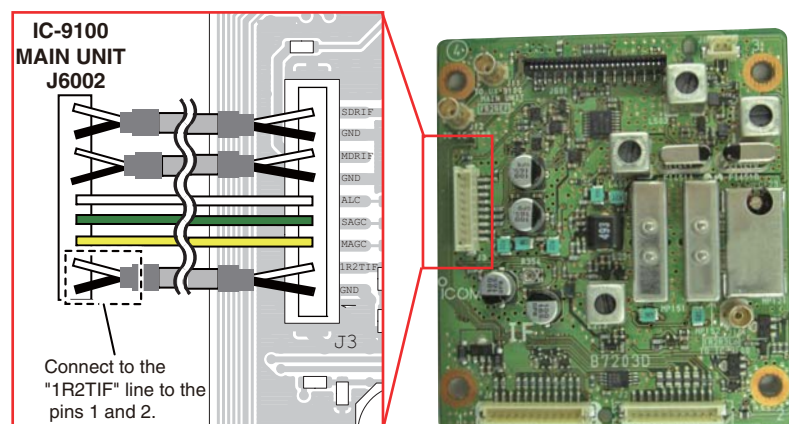
†; The output level of the standard signal generator (SSG) is indicated as the SSG's terminated circuit.

■ CONNECTION

• MAIN-B UNIT



• RF-C UNIT



SECTION 5

PARTS LIST

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC51	1180003580	S.REG NJM79L05UA-TE1-#ZZZB	T	9.1/16.7
IC52	1130013110	S.IC KIC7W53FK-RTK/P	T	24.6/60.7
IC53	1130013110	S.IC KIC7W53FK-RTK/P	T	28.4/54.9
IC54	1130013110	S.IC KIC7W53FK-RTK/P	T	20.7/57.6
IC55	1130013110	S.IC KIC7W53FK-RTK/P	T	20.4/63.7
IC56	1130012260	S.IC SN74AHC1G32DCKR	T	17.0/56.4
IC57	1140013770	S.IC TC7SET125FU(TE85LF)	T	26.0/64.9
IC81	1130011760	S.IC CD4094BPWR	T	33.7/61.4
IC121	1130012900	S.IC TC74LCX00FT (EL)	T	64.2/36.6
IC301	1110005450	S.IC TS522IDT	B	15.8/30.6
IC351	1110006190	S.IC NJM074M-TE1-#ZZZB	B	15.5/43.7
IC361	1110003800	S.IC NJM2904V-TE1-#FMZB	T	36.3/10.9
Q31	1530003900	S.TRA KTC4075 BL-RTK/P	T	58.7/9.2
Q32	1540000550	S.TRA 2SD1664 T100Q	T	58.9/13.1
Q33	1530003900	S.TRA KTC4075 BL-RTK/P	T	64.7/16.8
Q34	1540000550	S.TRA 2SD1664 T100Q	T	65.0/20.6
Q121	1530003950	S.TRA KTC4080 Y-RTK/P	T	62.6/29.8
Q201	1530003021	S.TRA 2SC4402-3-TL-E	T	36.9/31.6
Q202	1530003021	S.TRA 2SC4402-3-TL-E	T	34.2/31.6
Q251	1530003842	S.TRA 2SC5501A-4-TR-E	T	29.3/39.5
Q321	1530004011	S.TRA KTC3770U-C-RTK/P	T	35.1/17.1
Q371	1530004011	S.TRA KTC3770U-C-RTK/P	T	46.8/17.8
Q501	1580000820	S.FET 3SK264-5-TG-E	T	53.5/60.6
Q601	1590003680	S.TRA KRC402 RTK/P	T	25.7/14.2
Q602	1590003680	S.TRA KRC402 RTK/P	T	21.9/14.2
Q603	1590003770	S.TRA KRA302E-RTK/P	T	23.8/16.3
Q604	1590003770	S.TRA KRA302E-RTK/P	T	20.0/16.3
D31	1750000370	S.DIO DA221 TL	T	55.3/14.2
D32	1750000370	S.DIO DA221 TL	T	68.9/21.6
D151	1750000431	S.DIO HSB88WSTR-E	T	43.0/37.6
D152	1750000431	S.DIO HSB88WSTR-E	T	52.7/37.5
D421	1790001621	S.DIO 1SV308(TPL3F)	T	29.3/49.9
D422	1790001621	S.DIO 1SV308(TPL3F)	T	32.0/49.9
D501	1790001621	S.DIO 1SV308(TPL3F)	T	58.8/64.8
D502	1790001621	S.DIO 1SV308(TPL3F)	T	56.0/68.7
D503	1790001621	S.DIO 1SV308(TPL3F)	T	60.8/66.9
D504	1790001621	S.DIO 1SV308(TPL3F)	T	60.0/68.7
FI451	2010001740	FIL HC-49/U 10.950 MHz (FL-212)		
L101	6200002041	S.COI NLV25T-101J	B	64.9/27.7
L121	6200010800	S.COI C2520C-4R7G-A	T	59.7/41.5
L122	6200005011	S.COI NLV25T-100J	B	61.8/27.0
L151	6140002810	S.COI LR-317	T	43.0/43.4
L152	6140002810	S.COI LR-317	T	52.7/43.2
L153	6140002810	S.COI LR-317	T	43.0/31.3
L154	6140002810	S.COI LR-317	T	52.7/31.2
L201	6200010950	S.COI C2520C-1R5G-A (1.5U)	T	42.4/23.4
L202	6200010950	S.COI C2520C-1R5G-A (1.5U)	T	52.0/29.0
L203	6150005390	COI LS-164A		
L204	6200005521	S.COI NLV25T-470J	T	27.0/28.5
L251	6140003940	COI LR-493		
L252	6200010740	S.COI C2520C-R27G-A	T	36.8/46.4
L253	6200010770	S.COI C2520C-R68G-A	T	32.8/47.0
L254	6200002041	S.COI NLV25T-101J	B	36.4/47.1
L321	6200003520	S.COI ELJFB 102K-F	B	44.4/15.1
L401	6200010680	S.COI C2520C-R22G-A (0.22U)	T	14.1/37.4
L402	6200010800	S.COI C2520C-4R7G-A	T	17.8/37.8
L403	6200010680	S.COI C2520C-R22G-A (0.22U)	T	23.9/37.1
L421	6200002041	S.COI NLV25T-101J	B	30.3/45.8
L422	6200002041	S.COI NLV25T-101J	B	32.1/55.5
L451	6150005540	COI LS-569		
L452	6150005540	COI LS-569		
L453	6200002041	S.COI NLV25T-101J	T	56.0/65.5
L501	6200002041	S.COI NLV25T-101J	B	56.5/68.6
L502	6200003281	S.COI NLV25T-2R2J	T	57.7/59.3
L503	6150005540	COI LS-569		
L505	6200002041	S.COI NLV25T-101J	T	51.2/72.7
L506	6200002041	S.COI NLV25T-101J	B	61.6/64.9
R1	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	11.8/10.0
R2	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	13.3/10.0
R4	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	16.3/10.0
R5	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	17.8/10.0
R6	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	19.3/10.0
R7	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	20.8/10.0
R8	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	22.3/10.0
R9	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	23.8/10.0
R10	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	25.3/10.0
R11	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	26.8/10.0
R12	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	28.3/10.0
R13	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	53.0/10.3
R14	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	54.2/10.3
R15	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	12.6/41.7
R16	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	12.6/43.2
R17	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	12.6/44.7
R31	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	56.8/9.3
R32	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	58.7/7.3
R33	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	59.4/11.3
R34	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	61.9/17.4
R35	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	69.3/16.5

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R36	70300010570	S.RES ERJ1TYJ 4R7U (4.7)	B	64.7/16.0
R37	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	58.7/8.9
R38	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	B	58.7/5.6
R39	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	66.8/16.5
R40	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	68.0/16.5
R52	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	20.9/58.8
R53	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	17.9/60.4
R54	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	27.1/57.6
R55	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	29.5/58.2
R56	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	34.0/60.3
R57	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	37.1/62.3
R58	7030003860	S.RES ERJ3GE JPW V	T	17.7/61.0
R59	7030003860	S.RES ERJ3GE JPW V	T	17.7/62.2
R60	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	16.8/57.6
R61	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	25.7/66.8
R81	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	35.9/68.1
R101	7030003630	S.RES ERJ3GEYJ 393 V (39K)	T	60.5/29.9
R102	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	65.1/30.7
R103	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	65.1/28.1
R121	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	60.8/34.4
R122	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	58.9/35.5
R123	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	58.9/38.1
R124	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	44.2/44.0
R125	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	54.0/44.0
R151	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	51.9/31.6
R152	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	43.8/31.6
R201	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	34.6/30.5
R202	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	30.3/34.6
R203	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	34.8/34.4
R204	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	30.1/29.3
R205	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	32.3/32.9
R206	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	31.0/32.9
R207	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	38.9/29.3
R208	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	31.7/31.0
R209	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	25.9/31.9
R210	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	36.5/35.6
R251	7030003300	S.RES ERJ3GEYJ 680 V (68)	B	34.3/39.4
R253	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	B	25.9/36.9
R254	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	27.3/41.7
R255	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	32.0/43.6
R256	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	26.1/43.4
R257	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	29.9/41.0
R258	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	33.5/47.8
R259	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	27.5/36.8
R300	7030009691	S.RES ERA3YED 101V (100)	B	21.6/51.0
R301	7030009591	S.RES ERA3YED 472V (4.7K)	B	20.5/46.9
R302	7030009591	S.RES ERA3YED 472V (4.7K)	B	17.0/49.8
R303	7030005321	S.RES ERA3YED 103V (10K)	B	19.6/51.0
R304	7030005321	S.RES ERA3YED 103V (10K)	B	21.5/43.8
R305	7030005321	S.RES ERA3YED 103V (10K)	B	10.5/46.8
R306	7030005321	S.RES ERA3YED 103V (10K)	B	13.7/49.8
R307	7030005321	S.RES ERA3YED 103V (10K)	B	7.8/44.5
R309	7030009891	S.RES ERA3YED 151V (150)	B	8.8/30.4
R310	7030010560	S.RES ERA3YED 302V (3K)	B	9.9/27.8
R311	7030007230	S.RES ERA3YED 102V (1K)	B	15.4/27.1
R312	7030007230	S.RES ERA3YED 102V (1K)	B	13.0/26.0
R313	7030007230	S.RES ERA3YED 102V (1K)	B	15.4/25.2
R314	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	7.2/32.5
R315	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	24.0/32.0
R321	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	30.0/16.5
R322	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	33.2/17.0
R323	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	48.6/16.2
R324	7030006461	S.RES ERA3YED 152V (1.5K)	B	51.3/16.9
R325	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	33.7/20.6
R326	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	41.2/23.0
R351	7030005321	S.RES ERA3YED 103V (10K)	B	10.5/40.4
R352	7030005321	S.RES ERA3YED 103V (10K)	B	16.9/37.5
R353	7030005321	S.RES ERA3YED 103V (10K)	B	10.5/36.8
R354	7310004780	S.TRI EVM-3YSX50 B13 (102)	T	19.3/31.3
R355	7030006601	S.RES ERA3YED 272V (2.7K)	B	22.5/31.0
R356	7030007230	S.RES ERA3YED 102V (1K)	B	17.6/34.0
R357	7030007230	S.RES ERA3YED 102V (1K)	B	20.8/28.4
R358	7030007230	S.RES ERA3YED 102V (1K)	B	20.0/25.2
R359	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	14.5/52.8
R360	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	23.7/42.3
R361	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	30.1/10.1
R362	7030003860	S.RES ERJ3GE JPW V	T	31.1/10.4
R363	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	35.7/12.0
R364	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	29.2/12.7
R366	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	38.0/9.9
R368	7030003680	S.RES ERJ3GEYJ 104 V (100K)	B	31.2/12.7
R371	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	37.4/16.5
R372	7030011050	S.RES ERA3YHD 100V (10)	T	43.9/16.9
R373	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	50.4/19.7
R374	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	48.9/26.1
R421	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	26.6/46.1
R422	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	32.1/51.9
R451	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	58.7/66.5
R501	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	56.6/65.2
R502	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	52.9/56.4
R503	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	54.6/60.8
R504	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	T	50.4/56.5
R505	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	53.8/58.2

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R511	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	48.0/71.4
R512	7030003290	S.RES ERJ3GEYJ 560 V (56)	B	58.9/65.6
R601	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	28.4/67.6
R602	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	26.7/75.9
R603	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	28.5/71.8
R604	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	31.1/76.0
R605	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	32.3/69.8
R606	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	33.8/76.0
R607	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	35.0/68.2
R608	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	36.4/67.6
R609	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	37.4/73.4
R610	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	38.4/67.6
R611	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	40.4/67.6
R612	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	41.4/75.1
R613	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	B	30.6/75.3
R614	7030003860	S.RES ERJ3GE JPW V	T	31.1/77.2
R615	7030003540	S.RES ERJ3GEYJ 682 V (6.8K)	B	32.6/75.3
R616	7030003860	S.RES ERJ3GE JPW V	T	33.8/77.2
R617	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	30.5/67.5
R618	7030003860	S.RES ERJ3GE JPW V	T	33.1/67.5
R621	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	23.8/14.0
R622	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	20.0/14.0
C1	4030007050	S.CER C1608 CH 1H 220J-T	T	109.2/43.4
C2	4030007050	S.CER C1608 CH 1H 220J-T	B	109.8/46.4
C4	4030007050	S.CER C1608 CH 1H 220J-T	B	103/49.3
C5	4030007050	S.CER C1608 CH 1H 220J-T	B	99.3/61.8
C6	4030007050	S.CER C1608 CH 1H 220J-T	B	99.3/60.5
C7	4030006860	S.CER C1608 JB 1H 102K-T	B	109.2/58.4
C8	4030006860	S.CER C1608 JB 1H 102K-T	B	108.4/60.9
C9	4030006860	S.CER C1608 JB 1H 102K-T	B	110.0/49.7
C10	4030006860	S.CER C1608 JB 1H 102K-T	B	24.45/9.05
C11	4030007050	S.CER C1608 CH 1H 220J-T	B	26.1/9.9
C12	4030006860	S.CER C1608 JB 1H 102K-T	B	27.7/9.1
C13	4030006860	S.CER C1608 JB 1H 102K-T	T	61.0/5.1
C14	4030006860	S.CER C1608 JB 1H 102K-T	B	44.4/10.2
C15	4030006860	S.CER C1608 JB 1H 102K-T	B	46.1/9.4
C16	4030006860	S.CER C1608 JB 1H 102K-T	B	47.9/10.2
C17	4030006860	S.CER C1608 JB 1H 102K-T	B	49.7/9.4
C18	4030006860	S.CER C1608 JB 1H 102K-T	B	51.4/10.2
C19	4030006860	S.CER C1608 JB 1H 102K-T	B	53.0/8.4
C20	4030006860	S.CER C1608 JB 1H 102K-T	B	54.6/9.2
C31	4030017490	S.CER C1608 JB 1A 105K-T	T	60.6/9.4
C32	4030017490	S.CER C1608 JB 1A 105K-T	T	64.9/14.8
C51	4550002980	S.TAN TEESVA 1C 225M8R	T	5.4/16.2
C52	4030011600	S.CER C1608 JB 1E 104K-T	T	9.1/12.7
C53	4030011600	S.CER C1608 JB 1E 104K-T	T	10.6/12.7
C54	4550000460	S.TAN TEESVA 1C 105M8R	T	12.6/14.6
C55	4030011600	S.CER C1608 JB 1E 104K-T	T	23.5/58.8
C56	4030011600	S.CER C1608 JB 1E 104K-T	T	24.8/62.6
C59	4030011600	S.CER C1608 JB 1E 104K-T	T	27.8/53.0
C60	4030011600	S.CER C1608 JB 1E 104K-T	T	29.5/56.8
C61	4030011600	S.CER C1608 JB 1E 104K-T	T	18.6/59.0
C62	4030011600	S.CER C1608 JB 1E 104K-T	T	22.8/56.9
C63	4030011600	S.CER C1608 JB 1E 104K-T	T	22.3/63.1
C64	4030011600	S.CER C1608 JB 1E 104K-T	T	18.5/64.2
C65	4030011600	S.CER C1608 JB 1E 104K-T	T	16.8/58.5
C66	4030011600	S.CER C1608 JB 1E 104K-T	T	23.5/64.7
C81	4030011600	S.CER C1608 JB 1E 104K-T	T	35.9/64.9
C101	4030011600	S.CER C1608 JB 1E 104K-T	T	59.3/29.2
C102	4030011600	S.CER C1608 JB 1E 104K-T	T	65.1/29.3
C121	4030006860	S.CER C1608 JB 1H 102K-T	T	62.1/31.9
C123	4610001970	S.TRI TZC3P200A110R00 (TZC03P200A1102)	T	63.8/44.8
C124	4030007050	S.CER C1608 CH 1H 220J-T	T	65.4/41.4
C127	4030006860	S.CER C1608 JB 1H 102K-T	B	45.7/42.4
C128	4030006860	S.CER C1608 JB 1H 102K-T	B	55.5/42.4
C129	4030011600	S.CER C1608 JB 1E 104K-T	T	60.8/38.1
C130	4550006780	S.TAN TEESVB2 0J 476M8R	B	62.2/32.7
C151	4030018640	S.CER C2012 CH 1H 103J-T	B	46.5/32.6
C152	4030018640	S.CER C2012 CH 1H 103J-T	B	49.2/32.6
C201	4030007170	S.CER C1608 CH 1H 221J-T	B	45.7/24.6
C202	4030007170	S.CER C1608 CH 1H 221J-T	B	53.6/23.2
C203	4030007030	S.CER C1608 CH 1H 150J-T	B	44.1/21.4
C204	4030007030	S.CER C1608 CH 1H 150J-T	B	52.0/21.6
C205	4030007130	S.CER C1608 CH 1H 101J-T	B	34.6/26.3
C206	4030011600	S.CER C1608 JB 1E 104K-T	B	27.8/35.3
C207	4030011600	S.CER C1608 JB 1E 104K-T	B	28.4/29.3
C208	4030006900	S.CER C1608 JB 1H 103K-T	B	33.9/32.8
C209	4030011600	S.CER C1608 JB 1E 104K-T	B	32.0/30.9
C210	4030011600	S.CER C1608 JB 1E 104K-T	T	33.5/34.4
C211	4030011600	S.CER C1608 JB 1E 104K-T	T	27.8/31.2
C212	4030007050	S.CER C1608 CH 1H 220J-T	B	33.4/35.6
C251	4030011600	S.CER C1608 JB 1E 104K-T	T	29.4/41.5
C253	4030011600	S.CER C1608 JB 1E 104K-T	T	37.4/44.2
C254	4030011600	S.CER C1608 JB 1E 104K-T	T	28.7/43.4
C255	4030017870	S.CER C1608 CH 1H 681J-T	T	29.9/45.7
C256	4030011600	S.CER C1608 JB 1E 104K-T	T	29.9/43.4
C257	4030011280	S.CER C1608 CH 1H 271J-T	T	30.4/47.6
C258	4030011600	S.CER C1608 JB 1E 104K-T	B	39.2/47.8
C259	4030007010	S.CER C1608 CH 1H 100D-T	T	27.8/34.7
C301	4030019120	S.CER GRM188B31E105KA75D	B	23.2/52.5
C302	4030007160	S.CER C1608 CH 1H 181J-T	B	8.7/41.6
C303	4030009350	S.CER C1608 CH 1H 3R5B-T	B	7.1/41.6
C304	4030007170	S.CER C1608 CH 1H 221J-T	B	10.7/30.4
C305	4510008500	S.ELE EEE1CA101WP	T	13.2/29.1
C306	4030011600	S.CER C1608 JB 1E 104K-T	T	9.0/31.7
C307	4030011600	S.CER C1608 JB 1E 104K-T	T	18.0/27.9
C308	4510008500	S.ELE EEE1CA101WP	T	22.2/25.2
C321	4030018800	S.CER C3216 CH 1H 223J-T	B	24.5/20.9
C322	4030010760	S.CER C1608 CH 1H 331J-T	T	37.1/16.9
C323	4030011600	S.CER C1608 JB 1E 104K-T	B	39.3/15.0
C324	4030017490	S.CER C1608 JB 1A 105K-T	T	35.8/19.9
C325	4030018960	S.CER C3216 JB 1C 106MT-N	B	41.3/15.3

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C326	4030007010	S.CER C1608 CH 1H 100D-T	T	33.7/19.3
C328	4550003220	S.TAN TEESVA 1E 105M8R	B	37.5/21.3
C351	4030017870	S.CER C1608 CH 1H 681J-T	B	12.7/36.8
C352	4030011330	S.CER C1608 CH 1H 391J-T	B	14.4/36.8
C353	4030007170	S.CER C1608 CH 1H 221J-T	B	20.8/31.6
C354	4510008500	S.ELE EEE1CA101WP	T	19.0/51.4
C355	4030011600	S.CER C1608 JB 1E 104K-T	T	16.3/47.2
C356	4030011600	S.CER C1608 JB 1E 104K-T	T	20.7/47.2
C357	4510008500	S.ELE EEE1CA101WP	T	19.0/43.0
C361	4030011600	S.CER C1608 JB 1E 104K-T	T	33.9/8.2
C371	4030018800	S.CER C3216 CH 1H 223J-T	B	24.5/25.2
C372	4030010760	S.CER C1608 CH 1H 331J-T	T	49.3/16.9
C373	4030017490	S.CER C1608 JB 1A 105K-T	T	49.3/18.7
C374	4030007010	S.CER C1608 CH 1H 100D-T	T	43.9/18.1
C376	4550003220	S.TAN TEESVA 1E 105M8R	B	47.6/21.3
C401	4030006860	S.CER C1608 JB 1H 102K-T	T	11.8/36.6
C402	4030011600	S.CER C1608 JB 1E 104K-T	T	11.8/39.5
C403	4030007090	S.CER C1608 CH 1H 470J-T	T	21.2/38.6
C404	4030006860	S.CER C1608 JB 1H 102K-T	T	21.6/36.7
C405	4030011600	S.CER C1608 JB 1E 104K-T	T	25.1/40.7
C421	4030011600	S.CER C1608 JB 1E 104K-T	B	31.3/48.7
C422	4030011600	S.CER C1608 JB 1E 104K-T	T	33.8/51.8
C451	4030009910	S.CER C1608 CH 1H 040B-T	B	55.6/54.2
C452	4030011600	S.CER C1608 JB 1E 104K-T	T	61.5/64.8
C453	4030007090	S.CER C1608 CH 1H 470J-T	B	63.7/59.9
C454	4030007090	S.CER C1608 CH 1H 470J-T	B	39.6/54.1
C501	4030011600	S.CER C1608 JB 1E 104K-T	B	56.6/72.5
C502	4030011600	S.CER C1608 JB 1E 104K-T	T	57.3/62.2
C503	4030007110	S.CER C1608 CH 1H 680J-T	T	55.8/58.9
C504	4030006860	S.CER C1608 JB 1H 102K-T	B	53.8/58.8
C505	4030011600	S.CER C1608 JB 1E 104K-T	T	48.0/61.1
C506	4030011600	S.CER C1608 JB 1E 104K-T	T	50.4/59.7
C507	4030007090	S.CER C1608 CH 1H 470J-T	B	50.2/66.5
C508	4030011600	S.CER C1608 JB 1E 104K-T	B	45.2/68.7
C510	4030011600	S.CER C1608 JB 1E 104K-T	B	64.4/64.1
C511	4030011600	S.CER C1608 JB 1E 104K-T	T	57.9/69.5
J1	6510021251	S.CON B12B-ZR-SM4-TF(LF)(SN)	T	20.0/4.5
J2	6510019251	S.CON B11B-ZR-SM4-TF(LF)(SN)	T	46.7/4.5
J3	6510021261	S.CON B9B-ZR-SM4-TF(LF)(SN)	T	7.0/44.7
J11	6510028210	CON SJ050010 (TMP-J01X-V6)		
J12	6510028210	CON SJ050010 (TMP-J01X-V6)		
J101	6510028210	CON SJ050010 (TMP-J01X-V6)		
J601	6510026630	S.CON 26FMN-BMTTR-A-TBT(LF)(SN)	T	32.9/72.4
J602	6510014961	S.CON B2B-ZR-SM4-TF(LF)(SN)	T	57.8/75.3
EP1	6910014640	S.BEA MPZ2012S221A-T	T	60.8/3.5
EP2	6910014640	S.BEA MPZ2012S221A-T	T	44.4/10.6
EP3	6910014640	S.BEA MPZ2012S221A-T	T	46.1/10.6
EP4	6910014640	S.BEA MPZ2012S221A-T	T	47.9/10.6
EP5	6910014640	S.BEA MPZ2012S221A-T	T	49.7/10.6
EP6	6910014640	S.BEA MPZ2012S221A-T	T	51.4/10.6
EP7	6910012350	S.BEA MMZ1608Y 102BT	T	6.3/55.2
EP8	6910012350	S.BEA MMZ1608Y 102BT	T	12.3/51.5
EP501	6910015970	S.BEA MMZ1608B 301CT-AS	B	49.9/56.4
EP601	6910014640	S.BEA MPZ2012S221A-T	T	25.4/77.1
EP602	6910014640	S.BEA MPZ2012S221A-T	B	35.4/74.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)

S.=Surface mount

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
IC21	1150002191	IC RA18H1213G1-121		
IC31	1110001220	S.IC BA4558F E2	T	141.4/17.5
IC111	1110006870	S.IC UPC2709TB-E3	T	73.3/21.5
IC131	1110007740	S.IC UPC8187TB-E3-A	T	98.8/21.4
IC141	1110006430	S.IC UPC1678GV-E1-A	T	110.3/32.4
IC161	1180002040	REG BA09T		
IC162	1180001072	S.IC TA7805F(TE16L1NQ)	T	54.1/101.2
IC181	1110006870	S.IC UPC2709TB-E3	T	91.9/41.8
IC201	1110006870	S.IC UPC2709TB-E3	T	48.1/42.8
IC241	1110005461	S.IC TA4107F(TE12LF)	T	100.2/9.9
IC242	1110006870	S.IC UPC2709TB-E3	T	60.5/8.4
IC301	1130011760	S.IC CD4094BPWR	T	23.5/101.2
IC311	1130006801	S.IC TC7W08F(TE12LF)	T	32.0/100.4
IC501	1180003190	S.REG UPD120N33TA-E1-AT	B	16.9/86.2
IC502	1180003200	S.REG UPD120N18TA-E1-AT	B	17.2/79.9
IC503	1130010560	S.IC SN74AHC244PWR	T	19.7/71.5
IC504	1190002101	S.IC AD9951YSVZ <FE>	T	34.9/73.0
IC505	1130006891	S.IC TCT504FU(TE85RF)	T	25.0/69.3
IC601	1110006870	S.IC UPC2709TB-E3	B	45.6/56.2
IC602	1110006870	S.IC UPC2709TB-E3	T	48.1/88.2
IC651	1110006870	S.IC UPC2709TB-E3	T	67.8/49.4
IC701	1130013270	S.IC ADF4116BRUZ-REEL7 <FE>	T	26.1/62.3
IC901	1110006870	S.IC UPC2709TB-E3	T	60.2/74.2
IC931	1110006870	S.IC UPC2709TB-E3	T	75.3/80.1
IC961	1110006870	S.IC UPC2709TB-E3	T	76.1/64.8
IC991	1110006870	S.IC UPC2709TB-E3	T	65.5/65.2
Q36	1560001091	S.FET 2SK2854(T2LICOMF)	B	111.0/53.4
Q71	1540000471	S.TRA 2SD1801S-TL-E	B	154.9/28.5
Q72	1590000430	S.TRA DTC144EUA T106	T	150.7/16.7
Q73	1530001951	S.TRA 2SC2712-GR(TE85RF)	T	153.7/16.6
Q74	1530001951	S.TRA 2SC2712-GR(TE85RF)	T	152.4/19.1
Q81	1530001951	S.TRA 2SC2712-GR(TE85RF)	B	28.3/18.9
Q161	1590000430	S.TRA DTC144EUA T106	T	18.3/16.6
Q162	1590000430	S.TRA DTC144EUA T106	T	67.1/96.7
Q163	1510000501	S.TRA 2SA1162-GR(TE85RF)	T	71.8/95.4
Q164	1590000430	S.TRA DTC144EUA T106	T	11.4/8.6
Q165	1590001980	S.TRA XP4315(TX)	T	47.2/112.1
Q166	1130009930	TRA 2SB1274R		
Q167	1590000720	S.TRA DTA144EUA T106	T	45.9/116.5
Q168	1530001951	S.TRA 2SC2712-GR(TE85RF)	T	52.5/116.1
Q169	1590001980	S.TRA XP4315(TX)	T	69.8/101.8
Q170	1520000460	S.TRA 2SB1132 T100 R	T	77.1/100.8
Q171	1590002031	S.TRA RN2425(TE85RF)	T	64.7/94.3
Q172	1590002031	S.TRA RN2425(TE85RF)	T	70.6/98.8
Q173	1590000430	S.TRA DTC144EUA T106	T	49.3/115.9
Q221	1580000820	S.FET 3SK264-5-TG-E	T	49.5/6.8
Q271	1530003661	S.FET 2SC5454-T1 YFB (R54)	T	119.0/11.5
Q281	1590003980	S.FET NE3509M04-T2	T	129.1/31.2
Q282	1530001951	S.TRA 2SC2712-GR(TE85RF)	T	135.1/26.7
Q283	1590000430	S.TRA DTC144EUA T106	T	18.9/3.4
Q301	1590001810	S.TRA XP1113(TX)	T	23.9/97.2
Q502	1590000430	S.TRA DTC144EUA T106	T	33.7/65.7
Q651	1530003781	S.TRA 2SC5624VH-TL-E	T	71.7/42.0
Q652	1530003781	S.TRA 2SC5624VH-TL-E	T	71.7/39.5
Q701	1530002060	S.TRA 2SC4081 T106 R	B	30.5/62.0
Q702	1540000750	S.TRA DSC9001SOL	T	35.8/41.9
Q703	1530003890	S.TRA KTC3880S Y-RTK/P	T	29.9/28.9
Q704	1590000430	S.TRA DTC144EUA T106	B	18.7/62.1
Q705	1530003311	S.TRA 2SC5107-O(TE85RF)	T	41.2/28.0
Q706	1530003311	S.TRA 2SC5107-O(TE85RF)	T	28.7/54.6
D9	1750000581	S.DIO 1SV307(TPH3F)	B	93.6/31.6
D13	1750000581	S.DIO 1SV307(TPH3F)	B	46.7/25.2
D32	1750000520	S.DIO DAN222TL	T	138.5/22.1
D51	1750000550	S.DIO 1SS355 TE-17	T	149.5/62.1
D81	1750001310	S.DIO KDS114 RTK/PA	T	20.4/22.2
D82	1750000431	S.DIO HSB88WSTR-E	T	50.6/19.0
D83	1750000581	S.DIO 1SV307(TPH3F)	B	45.5/28.4
D130	1730002261	S.ZEN MAZ8030GHL	T	103.2/27.4
D161	1750001310	S.DIO KDS114 RTK/PA	T	19.3/19.5
D162	1750001310	S.DIO KDS114 RTK/PA	T	20.5/13.2
D163	1750001310	S.DIO KDS114 RTK/PA	T	20.5/11.0
D165	1750000520	S.DIO DAN222TL	T	66.9/99.0
D166	1750000550	S.DIO 1SS355 TE-17	T	53.9/112.5
D167	1750000520	S.DIO DAN222TL	T	67.1/101.1
D168	1750002020	S.DIO DA2S10100L	T	48.1/114.0
D169	1750002020	S.DIO DA2S10100L	T	72.3/100.7
D170	1730002581	S.ZEN MAZ8047GHL	B	49.2/115.5
D171	1730002451	S.ZEN MAZ8043GHL	B	51.7/114.1
D241	1750000581	S.DIO 1SV307(TPH3F)	B	95.6/29.2
D281	1730002261	S.ZEN MAZ8030GHL	B	122.7/24.0
D351	1730002451	S.ZEN MAZ8043GHL	T	63.8/104.0
D502	1720000361	S.DIO HSU88TRF-E	B	140.8/47.5
D503	1720000361	S.DIO HSU88TRF-E	B	157.1/56.5
D504	1790001611	S.DIO 1SS385(TE85LF)	T	146.3/34.4
D601	1750000620	S.DIO MA717WK(TX)	T	37.5/54.1
D602	1750000620	S.DIO MA717WK(TX)	T	47.0/72.1
D702	1750000261	S.VAR 1SV214(TPH2F)	T	23.7/38.9
D703	1720000261	S.VAR 1SV214(TPH2F)	T	25.5/38.9
D704	1750002020	S.DIO DA2S10100L	B	22.2/63.5
D705	1750000550	S.DIO 1SS355 TE-17	T	15.7/63.9
D901	1750000620	S.DIO MA717WK(TX)	T	64.4/79.3
D931	1750000620	S.DIO MA717WK(TX)	T	80.4/69.8
D961	1750002020	S.DIO DA2S10100L	T	72.5/67.5
D962	1750002020	S.DIO DA2S10100L	T	73.7/67.5
FI1	2040001660	S.FIL LFB431G28SN1A362 (LFSN30N18C1)	T	112.3/40.3
FI101	2040001650	S.SAW WF447B-T	T	86.1/24.3
FI141	2040001660	S.FIL LFB431G28SN1A362 (LFSN30N18C1)	T	107.6/17.9

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
FI241	2040001650	S.SAW	WF447B-T	T	71.8/8.7
FI271	2040001660	S.FIL	LFB431G28SN1A362 (LFSN30N18C1)	T	109.2/9.9
FI281	2040001660	S.FIL	LFB431G28SN1A362 (LFSN30N18C1)	T	128.8/20.0
L2	6200005661	S.COI	ELJRE 10NGFA	B	106.6/54.9
L5	6200007740	S.COI	LQW2BHN47NJ03L	T	93.6/73.8
L22	6200006991	S.COI	ELJRE 56NGFA	B	146.1/13.1
L23	6200006991	S.COI	ELJRE 56NGFA	B	146.9/27.0
L51	6200006991	S.COI	ELJRE 56NGFA	B	151.9/39.6
L52	6200006991	S.COI	ELJRE 56NGFA	T	138.0/26.2
L53	6200006991	S.COI	ELJRE 56NGFA	B	143.1/40.7
L63	6200008911	S.COI	1812CS-122XJLC	B	161.0/44.5
L71	6200007730	S.COI	LQW2BHN39NJ03L	T	143.2/30.3
L81	6200005011	S.COI	NLV25T-100J	T	23.8/14.9
L82	6200003271	S.COI	NLV25T-R56J	T	31.9/21.6
L83	6200002611	S.COI	NLV25T-R47J	T	36.1/22.3
L84	6140002551	S.COI	#617DB-1919=P3	T	44.8/18.9
L85	6140002551	S.COI	#617DB-1919=P3	T	56.4/18.9
L86	6200005011	S.COI	NLV25T-100J	B	32.5/23.9
L101	6200006991	S.COI	ELJRE 56NGFA	T	81.4/25.4
L102	6200006991	S.COI	ELJRE 56NGFA	T	90.8/23.8
L111	6200001981	S.COI	NLV25T-1R0J	T	76.3/21.5
L112	6200001981	S.COI	NLV25T-1R0J	T	77.2/18.6
L121	6200005711	S.COI	ELJRE 27NGFA	T	67.1/21.7
L122	6200005701	S.COI	ELJRE 22NGFA	T	69.8/21.7
L133	6200006991	S.COI	ELJRE 56NGFA	B	86.5/34.1
L134	6200006991	S.COI	ELJRE 56NGFA	T	100.8/26.1
L135	6200005641	S.COI	ELJRE 6N8ZFA	T	100.8/21.6
L141	6200005611	S.COI	ELJRE 3N9ZFA	T	114.1/18.7
L142	6200005621	S.COI	ELJRE 4N7ZFA	T	114.1/22.9
L143	6200006991	S.COI	ELJRE 56NGFA	T	105.6/35.3
L144	6200006991	S.COI	ELJRE 56NGFA	T	105.3/29.5
L161	6200001981	S.COI	NLV25T-1R0J	T	15.1/14.7
L181	6200005641	S.COI	ELJRE 6N8ZFA	T	89.3/34.7
L182	6200005631	S.COI	ELJRE 5N6ZFA	T	89.8/36.7
L183	6200001981	S.COI	NLV25T-1R0J	B	87.2/44.9
L184	6200001981	S.COI	NLV25T-1R0J	T	91.0/39.2
L185	6200005641	S.COI	ELJRE 6N8ZFA	T	91.6/45.7
L186	6200005631	S.COI	ELJRE 5N6ZFA	T	92.0/47.5
L196	6200005661	S.COI	ELJRE 10NGFA	T	91.9/33.5
L201	6200005731	S.COI	ELJRE 39NGFA	T	48.1/31.9
L202	6200005731	S.COI	ELJRE 39NGFA	T	48.1/34.6
L203	6200001981	S.COI	NLV25T-1R0J	B	50.7/37.8
L204	6200002631	S.COI	NLV25T-R10J	T	48.3/37.2
L211	6200005661	S.COI	ELJRE 10NGFA	B	55.4/40.8
L221	6200002841	S.COI	NLV25T-R22J	T	40.1/10.8
L222	6200003281	S.COI	NLV25T-2R2J	T	45.2/11.0
L224	6200005011	S.COI	NLV25T-100J	B	46.5/8.0
L233	6200005711	S.COI	ELJRE 27NGFA	T	61.9/6.1
L234	6200005711	S.COI	ELJRE 27NGFA	T	57.6/9.7
L241	6200010910	S.COI	LQW18AN56NG00D	T	66.7/8.2
L242	6200010910	S.COI	LQW18AN56NG00D	T	76.8/9.2
L243	6200001981	S.COI	NLV25T-1R0J	T	78.9/15.4
L244	6200006991	S.COI	ELJRE 56NGFA	T	103.6/39.1
L245	6200011770	S.COI	LQW18ANR10G00D	T	96.0/8.6
L246	6200011770	S.COI	LQW18ANR10G00D	T	98.4/5.9
L247	6200001981	S.COI	NLV25T-1R0J	T	60.5/11.0
L248	6200006991	S.COI	ELJRE 56NGFA	B	63.5/9.9
L251	6200011730	S.COI	LQW18AN10NG00D	T	93.8/9.7
L252	6200009280	S.COI	LQW18AN27NG00D (LQW1608A27NG00)	T	86.6/10.0
L273	6200006991	S.COI	ELJRE 56NGFA	B	133.3/19.1
L274	6200005591	S.COI	ELJRE 2N7ZFA	T	118.7/9.1
L275	6200006040	S.COI	LQP18MN5N6C02D	T	126.5/13.6
L281	6200006991	S.COI	ELJRE 56NGFA	T	135.1/21.3
L283	6200006040	S.COI	LQP18MN5N6C02D	T	127.2/31.1
L285	6200006050	S.COI	LQP18MN6N8C02D	T	133.1/39.0
L286	6200006020	S.COI	LQP18MN3N9C02D	T	134.7/39.0
L287	6200006030	S.COI	LQP18MN4N7C02D	T	136.4/38.8
L289	6200006100	S.COI	LQP18MN18NG02D	T	130.4/34.2
L311	2040000490	COI	EXC-ELDR25C		
L361	6200005651	S.COI	ELJRE 8N2ZFA	B	95.6/18.0
L362	6200005661	S.COI	ELJRE 10NGFA	B	95.5/20.5
L363	6200005651	S.COI	ELJRE 8N2ZFA	B	95.6/23.9
L371	6200010401	S.COI	ELJRE 39NJFA	B	48.0/13.5
L372	6200010401	S.COI	ELJRE 39NJFA	B	48.0/18.8
L505	6140002810	S.COI	LR-317	T	25.6/86.3
L507	6200005691	S.COI	ELJRE 18NGFA	T	56.7/69.0
L535	6200005711	S.COI	ELJRE 27NGFA	B	46.4/68.1
L536	6200005701	S.COI	ELJRE 22NGFA	B	44.7/70.7
L601	6200001630	S.COI	ELJNC R10K-F	T	37.3/87.7
L602	6200010720	S.COI	C2520C-56NG-A	T	31.8/85.0
L603	6200010730	S.COI	C2520C-68NG-A	T	35.5/84.1
L604	6200007120	S.COI	ELJND 1R0J	B	45.3/53.6
L605	6200007120	S.COI	ELJND 1R0J	T	50.5/87.7
L606	6140002810	S.COI	LR-317	T	38.2/59.6
L607	6200009351	S.COI	ELJRE R22GFA	T	40.1/52.5
L608	6140002810	S.COI	LR-317	T	47.3/77.7
L609	6200005681	S.COI	ELJRE 15NGFA	T	49.0/52.5
L610	6200005671	S.COI	ELJRE 12NGFA	T	42.2/54.9
L611	6200011580	S.COI	LQW18AN33NG00D	T	51.2/58.5
L612	6200005691	S.COI	ELJRE 18NGFA	T	44.1/55.1
L613	6200005701	S.COI	ELJRE 22NGFA	T	52.1/60.0
L614	6200005691	S.COI	ELJRE 18NGFA	T	47.1/55.8
L615	6200005701	S.COI	ELJRE 22NGFA	T	49.5/61.2
L616	6200010850	S.COI	LQW18AN22NG00D (LQW1608A22NG00)	T	46.2/64.2
L617	6200010391	S.COI	ELJRE 33NJFA	T	46.9/66.1
L618	6200010391	S.COI	ELJRE 33NJFA	T	47.4/69.1
L619	6200010730	S.COI	C2520C-68NG-A	T	40.9/89.1
L620	6200011650	S.COI	LQW18AN68NG00D	T	53.0/85.1
L621	6200005711	S.COI	ELJRE 27NGFA	B	41.0/57.6

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
L622	6200005671	S.COI ELJRE 12NGFA	T	50.8/52.1
L623	6200005741	S.COI ELJRE 47NGFA	T	44.0/84.4
L624	6200011650	S.COI LQW18AN68NG00D	T	52.3/82.6
L625	6200002861	S.COI NLV25T-4R7J	T	50.2/72.2
L626	6200005741	S.COI ELJRE 47NGFA	B	44.1/88.4
L651	6140002551	S.COI #617DB-1919=P3	T	65.9/42.1
L652	6200003661	S.COI NLV25T-R68J	T	72.2/44.5
L653	6200005641	S.COI ELJRE 6N8ZFA	T	81.4/48.6
L654	6200005641	S.COI ELJRE 6N8ZFA	T	78.8/42.5
L655	6200005651	S.COI ELJRE 8N2ZFA	T	76.9/42.1
L656	6200005651	S.COI ELJRE 8N2ZFA	T	76.2/45.1
L657	6200007120	S.COI ELJND 1R0J	T	65.5/49.0
L658	6200005661	S.COI ELJRE 10NGFA	T	80.6/46.7
L659	6200005671	S.COI ELJRE 12NGFA	T	65.7/45.6
L660	6200005641	S.COI ELJRE 6N8ZFA	T	82.1/50.4
L683	6200005721	S.COI ELJRE 33NGFA	B	37.1/59.7
L701	6200005011	S.COI NLV25T-100J	T	31.1/61.2
L702	6200010780	S.COI C2520C-1R0G-A	T	25.3/43.6
L703	6200009380	S.COI C6328A-43NG-A	T	28.4/37.2
L705	6200007001	S.COI ELJRE 82NGFA	T	43.1/30.4
L706	6200005671	S.COI ELJRE 12NGFA	T	41.3/35.2
L707	6200005671	S.COI ELJRE 12NGFA	T	44.7/38.4
L708	6200003281	S.COI NLV25T-2R2J	B	32.0/56.4
L709	6200007001	S.COI ELJRE 82NGFA	B	28.5/53.9
L751	6200002911	S.COI NLV25T-R27J	B	54.3/84.9
L752	6200002911	S.COI NLV25T-R27J	B	51.4/82.0
L761	6200007001	S.COI ELJRE 82NGFA	B	39.7/62.8
L771	6200005671	S.COI ELJRE 12NGFA	T	43.9/34.0
L772	6200009531	S.COI ELJRE R15GFA	T	35.3/29.2
L773	6200009531	S.COI ELJRE R15GFA	T	38.4/29.9
L901	6200002861	S.COI NLV25T-4R7J	T	59.4/71.6
L902	6200009351	S.COI ELJRE R22GFA	B	66.1/72.8
L903	6140002810	S.COI LR-317	B	65.1/74.0
L904	6200002861	S.COI NLV25T-4R7J	T	67.4/79.5
L907	6200002911	S.COI NLV25T-R27J	B	62.1/74.7
L911	6200007770	S.COI LQW2BHN1R0J03L	B	64.5/82.7
L912	6200007790	S.COI LQW2BHN1R5J03L	B	67.6/82.8
L913	6200007790	S.COI LQW2BHN1R5J03L	B	71.5/81.7
L921	6200007790	S.COI LQW2BHN1R5J03L	T	68.9/82.5
L922	6200011680	S.COI LQW18ANR12G00D	T	69.9/74.5
L931	6200001981	S.COI NLV25T-1R0J	T	77.8/80.4
L932	6200009571	S.COI ELJRE R12GFA	B	78.6/78.6
L933	6140002810	S.COI LR-317	T	79.7/75.0
L934	6200001981	S.COI NLV25T-1R0J	T	83.7/69.8
L941	6200010910	S.COI LQW18AN56NG00D	T	81.4/67.4
L942	6200007001	S.COI ELJRE 82NGFA	T	80.6/64.3
L943	6200007001	S.COI ELJRE 82NGFA	T	81.4/62.5
L951	6200007760	S.COI LQW2BHN82NJ03L	B	81.2/59.5
L952	6200008090	S.COI LQW2BHN68NJ03L	B	75.6/59.8
L961	6200001981	S.COI NLV25T-1R0J	T	75.8/67.4
L971	6200005691	S.COI ELJRE 18NGFA	T	70.1/67.6
L972	6200005691	S.COI ELJRE 18NGFA	T	70.6/64.5
L973	6200005701	S.COI ELJRE 22NGFA	T	69.9/61.4
L981	6200005681	S.COI ELJRE 15NGFA	B	72.3/60.2
L982	6200005681	S.COI ELJRE 15NGFA	B	69.3/59.6
L983	6200005721	S.COI ELJRE 33NGFA	B	64.2/61.5
L991	6200001981	S.COI NLV25T-1R0J	T	65.1/67.7
L995	6200005691	S.COI ELJRE 18NGFA	B	66.7/68.3
L996	6200005711	S.COI ELJRE 27NGFA	B	63.9/68.3
L997	6200005711	S.COI ELJRE 27NGFA	B	60.3/69.2
L998	6200005691	S.COI ELJRE 18NGFA	B	58.8/66.6
L1001	6200005701	S.COI ELJRE 22NGFA	T	61.1/65.5
R2	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	106.2/44.7
R3	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	109.8/44.7
R4	7030003290	S.RES ERJ3GEYJ 560 V (56)	B	107.1/46.4
R5	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	B	100.9/50.1
R6	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	B	100.3/52.0
R7	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	103.5/52.0
R8	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	100.9/48.3
R17	7030000240	S.RES MCR10EZJH 68 (680)	B	100.5/54.6
R18	7030000240	S.RES MCR10EZJH 68 (680)	B	100.5/56.4
R19	7030000240	S.RES MCR10EZJH 68 (680)	B	100.0/58.2
R31	7080000150	RES RGB3L R15		
R32	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	124.5/39.2
R33	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	130.6/60.5
R34	7030005681	S.RES ERA3YKD 473V (47K)	B	142.5/15.6
R35	7030005681	S.RES ERA3YKD 473V (47K)	B	141.4/20.0
R36	7030005981	S.RES ERA3YED 333V (33K)	B	144.8/18.2
R37	7310005390	S.TRI EVM-3VSX50 BQ3 (472)	T	143.2/25.0
R38	7030005981	S.RES ERA3YED 333V (33K)	B	143.8/19.8
R39	7030003760	S.RES ERJ3GEYJ 474 V (470K)	T	146.3/16.4
R40	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	144.8/16.6
R41	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	136.7/10.6
R42	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	147.5/17.4
R43	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	146.4/13.3
R44	7510001661	S.THR NTCG16 4LH 473JT	B	88.3/91.8
R45	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	86.6/91.8
R46	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	146.4/14.5
R51	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	142.5/13.3
R52	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	140.6/12.7
R53	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	136.6/17.5
R54	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	137.1/20.4
R61	7310005540	S.TRI TMC3ADC14X (10K)	T	142.8/33.1
R62	7030000260	S.RES MCR10EZJH 100 (101)	B	156.9/47.5
R63	7030003860	S.RES ERJ3GE JPW V	T	78.8/91.3
R64	7030003860	S.RES ERJ3GE JPW V	T	78.1/89.2
R65	7030000200	S.RES MCR10EZJH 33 (330)	B	141.1/56.5
R68	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	153.9/34.8
R69	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	155.2/35.0
R71	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	148.8/17.1
R72	7030008180	S.RES ERJ12YJ331U (330)	B	152.0/34.1
R73	7030010260	S.RES ERJ1TYJ 3R3 U	B	161.9/36.6
R74	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	160.9/26.4

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R75	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	153.9/23.6
R76	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	161.2/34.2
R77	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	158.8/33.4
R81	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	22.6/21.4
R83	7310005370	S.TRI	EVM-3VSX50 BQ2 (471)	T	25.1/20.1
R84	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	25.1/17.1
R85	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	36.3/23.6
R86	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	41.5/23.7
R87	7030003230	S.RES	ERJ3GEYJ 180 V (18)	B	44.1/25.6
R88	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	41.5/25.5
R89	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	23.7/17.1
R90	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	25.9/17.1
R91	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	28.5/16.3
R92	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	31.1/16.5
R93	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	24.1/20.9
R100	7030003290	S.RES	ERJ3GEYJ 560 V (56)	B	43.4/18.7
R101	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	63.6/18.5
R102	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	64.4/20.4
R103	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	65.2/18.5
R104	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	78.2/21.1
R105	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	79.0/23.0
R106	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	79.8/21.1
R130	7030003310	S.RES	ERJ3GEYJ 820 V (82)	T	102.9/23.8
R131	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	93.3/36.6
R133	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	93.7/21.2
R134	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	94.5/23.3
R135	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	95.0/21.2
R136	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	96.5/34.7
R137	7030003300	S.RES	ERJ3GEYJ 680 V (68)	B	95.7/32.8
R138	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	95.2/34.7
R139	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	96.2/24.7
R141	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	113.9/25.0
R143	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	113.9/27.7
R144	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	109.1/36.5
R145	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	111.0/36.7
R146	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	113.7/36.7
R151	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	102.0/18.4
R152	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	99.9/17.6
R153	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	101.4/16.4
R161	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	18.5/14.7
R162	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	17.8/11.7
R163	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	68.8/93.9
R164	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	69.6/95.8
R165	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	46.6/16.2
R166	7030006260	S.RES	ERJ12YJ471U (470)	T	51.1/111.3
R167	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	54.9/115.4
R168	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	72.9/102.5
R169	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	73.6/100.4
R171	7030010510	S.RES	ERJ1TYJ 8R2U (8.2)	B	46.4/108.6
R172	7030010510	S.RES	ERJ1TYJ 8R2U (8.2)	B	49.3/104.9
R181	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	91.1/32.5
R184	7030003310	S.RES	ERJ3GEYJ 820 V (82)	T	91.9/48.7
R185	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	90.0/49.3
R186	7030003310	S.RES	ERJ3GEYJ 820 V (82)	T	91.9/49.9
R201	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	51.3/28.4
R204	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	44.7/44.8
R205	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	43.9/42.9
R206	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	43.4/44.8
R221	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	27.5/10.2
R222	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	32.6/10.2
R223	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	51.0/12.2
R224	7310005380	S.TRI	EVM-3VSX50 B13 (102)	T	35.9/10.6
R226	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	46.0/5.2
R227	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	54.5/3.6
R228	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	T	52.9/7.7
R229	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	50.0/8.3
R230	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	53.7/6.4
R231	7030003230	S.RES	ERJ3GEYJ 180 V (18)	B	55.9/7.2
R232	7030003370	S.RES	ERJ3GEYJ 271 V (270)	B	53.7/8.9
R233	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	49.5/9.2
R234	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	49.9/4.4
R242	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	97.4/11.8
R243	7030003290	S.RES	ERJ3GEYJ 560 V (56)	B	96.4/14.2
R244	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	95.4/12.0
R245	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	95.4/9.2
R246	7030003860	S.RES	ERJ3GE JPW V	B	100.8/10.7
R247	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	98.4/4.7
R248	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	43.3/10.8
R251	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	95.9/10.9
R271	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	124.1/9.1
R272	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	118.7/7.8
R273	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	122.6/11.6
R274	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	121.3/11.6
R281	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	125.6/21.8
R282	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	124.8/27.7
R283	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	125.9/31.1
R284	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	124.6/34.1
R285	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	19.6/6.2
R287	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	133.3/29.1
R288	7310005370	S.TRI	EVM-3VSX50 BQ2 (471)	T	134.3/14.4
R301	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	18.2/100.1
R311	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	20.6/38.3
R312	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	20.6/41.8
R313	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	17.8/24.5
R331	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	8.6/52.1
R332	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	4.5/41.5
R333	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	9.1/54.1
R334	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	3.8/40.2
R335	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	8.3/52.9
R336	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	4.5/38.9
R337	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	12.2/37.5
R338	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	13.1/37.0
R342	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	27.6/96.7
R351	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	62.2/105.7
R503	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	56.4/65.0

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R504	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	B	55.6/67.0
R505	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	54.8/65.0
R510	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	39.8/68.0
R511	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	24.3/70.3
R512	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	27.5/69.8
R513	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	24.1/68.7
R514	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	31.1/79.3
R515	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	24.3/80.4
R516	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	26.9/80.4
R517	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	28.9/67.8
R518	7030003280	S.RES ERJ3GEYJ 470 V (47)	B	26.7/89.1
R519	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	36.4/65.9
R520	7030003860	S.RES ERJ3GE JPW V	B	21.3/81.5
R521	7030003860	S.RES ERJ3GE JPW V	B	12.2/86.0
R522	7030003860	S.RES ERJ3GE JPW V	B	52.8/67.0
R523	7030003860	S.RES ERJ3GE JPW V	B	50.1/69.6
R601	7030003260	S.RES ERJ3GEYJ 330 V (33)	B	50.9/59.2
R602	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	52.6/59.2
R603	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	49.6/60.7
R613	7030003300	S.RES ERJ3GEYJ 680 V (68)	B	60.5/51.6
R614	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	58.4/50.8
R615	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	62.5/50.8
R651	7030003200	S.RES ERJ3GEYJ 100 V (10)	B	69.5/48.5
R652	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	68.6/46.2
R653	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	B	65.3/44.0
R654	7030003380	S.RES ERJ3GEYJ 331 V (330)	T	69.0/38.9
R655	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	69.8/43.4
R656	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	69.8/40.7
R661	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	78.8/39.9
R662	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	80.7/39.2
R663	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	81.8/40.4
R701	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	35.9/64.5
R704	7030003640	S.RES ERJ3GEYJ 473 V (47K)	B	32.7/62.5
R705	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	44.3/30.4
R706	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	34.1/42.1
R707	7030003860	S.RES ERJ3GE JPW V	T	18.9/54.4
R708	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	20.4/56.4
R709	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	29.8/43.0
R710	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	24.5/41.3
R711	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	34.8/38.6
R712	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	20.9/67.9
R713	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	17.8/67.6
R714	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	23.8/66.5
R715	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	17.7/54.1
R716	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	23.5/63.5
R717	7030003860	S.RES ERJ3GE JPW V	T	31.7/34.4
R718	7030003440	S.RES ERJ3GEYJ 102 V (1K)	B	27.5/30.9
R719	7030003490	S.RES ERJ3GEYJ 272 V (2.7K)	T	30.7/31.2
R720	7030003380	S.RES ERJ3GEYJ 331 V (330)	T	25.2/29.4
R722	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	41.1/29.9
R723	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	39.2/31.8
R724	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	37.9/31.8
R725	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	24.2/54.7
R726	7030003290	S.RES ERJ3GEYJ 560 V (56)	T	25.4/56.6
R727	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	35.3/31.9
R729	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	26.8/54.7
R731	7030003860	S.RES ERJ3GE JPW V	B	33.8/46.2
R732	7030003220	S.RES ERJ3GEYJ 150 V (15)	T	40.0/42.6
R733	7030003220	S.RES ERJ3GEYJ 150 V (15)	T	43.9/36.4
R734	7030003560	S.RES ERJ3GEYJ 103 V (10K)	B	19.8/65.0
R801	7030003860	S.RES ERJ3GE JPW V	B	13.1/29.6
R802	7030003860	S.RES ERJ3GE JPW V	T	49.4/29.3
R803	7030003860	S.RES ERJ3GE JPW V	T	46.0/7.8
R805	7030003860	S.RES ERJ3GE JPW V	B	108.1/48.8
R810	7030008240	S.RES ERJ12Y0R00U	B	70.8/19.1
R811	7030008240	S.RES ERJ12Y0R00U	B	109.2/10.0
R812	7030008240	S.RES ERJ12Y0R00U	B	125.0/33.5
R813	7030000010	S.RES MCR10EZHH JPW (000)	B	37.1/12.9
R814	7030008240	S.RES ERJ12Y0R00U	B	125.0/29.8
R815	7030008240	S.RES ERJ12Y0R00U	B	139.8/34.1
R816	7030000010	S.RES MCR10EZHH JPW (000)	B	31.6/12.9
R817	7030008240	S.RES ERJ12Y0R00U	B	107.6/17.4
R818	7030008240	S.RES ERJ12Y0R00U	B	70.8/22.8
R819	7030008240	S.RES ERJ12Y0R00U	B	70.8/9.4
R820	7030010250	S.RES ERJ1TVJ 0R00U	B	135.8/14.0
R821	7030008240	S.RES ERJ12Y0R00U	B	129.2/19.8
R822	7030000010	S.RES MCR10EZHH JPW (000)	B	93.0/9.9
R823	7030008240	S.RES ERJ12Y0R00U	B	130.9/39.8
R841	7030008240	S.RES ERJ12Y0R00U	T	91.3/9.3
R842	7030008240	S.RES ERJ12Y0R00U	T	83.5/10.3
R843	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	T	115.8/25.8
R863	7030003860	S.RES ERJ3GE JPW V	T	142.9/35.5
R901	7030003330	S.RES ERJ3GEYJ 121 V (120)	T	56.6/76.2
R902	7030003290	S.RES ERJ3GEYJ 560 V (56)	T	58.4/76.9
R903	7030003330	S.RES ERJ3GEYJ 121 V (120)	T	56.6/77.7
R904	7030003220	S.RES ERJ3GEYJ 150 V (15)	B	55.0/75.2
R931	7030003430	S.RES ERJ3GEYJ 821 V (820)	T	73.7/74.1
R932	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	T	74.5/76.0
R933	7030003430	S.RES ERJ3GEYJ 821 V (820)	T	73.3/76.0
R961	7030003430	S.RES ERJ3GEYJ 821 V (820)	T	75.4/59.8
R962	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)	T	76.1/61.6
R963	7030003430	S.RES ERJ3GEYJ 821 V (820)	T	76.9/59.8
R991	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	65.6/60.3
R992	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	67.4/61.1
R993	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	65.6/61.8
C1	4030006850	S.CER C1608 JB 1H 471K-T	B	11.7/9.1
C2	4030009910	S.CER C1608 CH 1H 040B-T	B	13.3/9.9
C3	4030009510	S.CER C1608 CH 1H 010B-T	B	110.0/47.9
C4	4030007010	S.CER C1608 CH 1H 100D-T	B	14.9/9.1
C5	4030007090	S.CER C1608 CH 1H 470J-T	B	16.5/9.9
C6	4030007010	S.CER C1608 CH 1H 100D-T	B	18.1/9.1
C7	4030011770	S.CER C1608 CH 1H 060B-T	B	19.7/9.9
C8	4030009910	S.CER C1608 CH 1H 040B-T	B	21.3/9.1

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C9	4030011770	S.CER C1608 CH 1H 060B-T	B	22.9/9.9
C15	4030007090	S.CER C1608 CH 1H 470J-T	B	104.3/49.3
C16	4030007130	S.CER C1608 CH 1H 101J-T	B	105.6/49.3
C17	4030011770	S.CER C1608 CH 1H 060B-T	B	107.2/52.4
C18	4030011770	S.CER C1608 CH 1H 060B-T	B	109.2/56.6
C19	4030007090	S.CER C1608 CH 1H 470J-T	B	104.5/55.6
C20	4030007010	S.CER C1608 CH 1H 100D-T	B	103.2/55.6
C22	4030007010	S.CER C1608 CH 1H 100D-T	T	104.6/73.8
C23	4030007010	S.CER C1608 CH 1H 100D-T	B	123.9/64.4
C24	4030006880	S.CER C1608 JB 1H 472K-T	B	120.1/59.3
C25	4030006860	S.CER C1608 JB 1H 102K-T	T	132.6/78.4
C26	4030006950	S.CER C1608 CH 1H 040C-T	T	103.8/69.2
C30	4510007540	ELE ECA 1CHG 471		
C31	4510007540	ELE ECA 1CHG 471		
C32	4030006850	S.CER C1608 JB 1H 471K-T	B	125.5/59.3
C33	4030007010	S.CER C1608 CH 1H 100D-T	T	132.6/82.0
C34	4030007090	S.CER C1608 CH 1H 470J-T	T	132.6/83.8
C35	4030006880	S.CER C1608 JB 1H 472K-T	B	129.8/62.7
C36	4510008500	S.ELE EEE1CA101WP	T	130.2/62.9
C41	4030006860	S.CER C1608 JB 1H 102K-T	B	142.3/13.6
C42	4030006860	S.CER C1608 JB 1H 102K-T	B	139.6/20.0
C43	4030006860	S.CER C1608 JB 1H 102K-T	B	140.3/17.4
C44	4030007130	S.CER C1608 CH 1H 101J-T	B	86.8/95.2
C45	4030006860	S.CER C1608 JB 1H 102K-T	T	139.8/14.1
C46	4030006860	S.CER C1608 JB 1H 102K-T	B	88.4/96.0
C47	4030012610	S.CER C2012 JB 1C 474K-T	T	144.0/13.0
C48	4030006860	S.CER C1608 JB 1H 102K-T	T	143.7/21.0
C49	4030007130	S.CER C1608 CH 1H 101J-T	B	147.3/25.2
C50	4030006860	S.CER C1608 JB 1H 102K-T	B	145.2/14.9
C51	4030000810	S.CER GRM2164C1HR50CD01D (GRM40 CK)	T	144.0/65.8
C53	4030006860	S.CER C1608 JB 1H 102K-T	T	153.7/62.4
C55	4030000810	S.CER GRM2164C1HR50CD01D (GRM40 CK)	B	133.7/52.5
C56	4510004990	ELE 16 ME 100 HC		
C58	4030007010	S.CER C1608 CH 1H 100D-T	T	67.4/27.8
C59	4030007090	S.CER C1608 CH 1H 470J-T	B	146.6/40.2
C60	4030007090	S.CER C1608 CH 1H 470J-T	T	145.7/32.1
C61	4030006860	S.CER C1608 JB 1H 102K-T	B	155.2/59.1
C63	4030006850	S.CER C1608 JB 1H 471K-T	B	158.8/59.1
C65	4030011600	S.CER C1608 JB 1E 104K-T	T	149.4/23.4
C66	4030006850	S.CER C1608 JB 1H 471K-T	B	141.5/44.5
C67	4030006860	S.CER C1608 JB 1H 102K-T	B	140.0/44.5
C69	4030007090	S.CER C1608 CH 1H 470J-T	B	165.3/42.6
C70	4030006860	S.CER C1608 JB 1H 102K-T	B	165.3/40.8
C71	4030006880	S.CER C1608 JB 1H 472K-T	B	165.3/39.0
C72	4030006860	S.CER C1608 JB 1H 102K-T	T	149.4/19.0
C73	4030007010	S.CER C1608 CH 1H 100D-T	T	149.4/20.3
C74	4030006860	S.CER C1608 JB 1H 102K-T	T	150.8/14.7
C76	4030006860	S.CER C1608 JB 1H 102K-T	B	158.3/33.5
C77	4030011600	S.CER C1608 JB 1E 104K-T	T	160.3/29.7
C79	4030006860	S.CER C1608 JB 1H 102K-T	T	161.2/32.9
C80	4030007170	S.CER C1608 CH 1H 221J-T	T	37.2/18.5
C81	4030011600	S.CER C1608 JB 1E 104K-T	T	21.8/16.9
C82	4030006860	S.CER C1608 JB 1H 102K-T	T	21.8/18.2
C83	4030007010	S.CER C1608 CH 1H 100D-T	T	21.8/19.5
C84	4030006880	S.CER C1608 JB 1H 472K-T	T	23.4/23.3
C85	4030010760	S.CER C1608 CH 1H 331J-T	T	30.0/19.6
C86	4030007080	S.CER C1608 CH 1H 390J-T	T	33.8/21.9
C87	4030007100	S.CER C1608 CH 1H 560J-T	T	33.8/19.2
C88	4030006850	S.CER C1608 JB 1H 471K-T	T	35.6/18.5
C89	4030007150	S.CER C1608 CH 1H 151J-T	T	36.4/20.4
C90	4030007040	S.CER C1608 CH 1H 180J-T	B	44.1/22.5
C91	4030007010	S.CER C1608 CH 1H 100D-T	B	43.4/20.3
C92	4030006860	S.CER C1608 JB 1H 102K-T	B	35.1/21.3
C93	4030006860	S.CER C1608 JB 1H 102K-T	B	38.9/22.9
C94	4030006860	S.CER C1608 JB 1H 102K-T	T	26.0/12.9
C95	4030007010	S.CER C1608 CH 1H 100D-T	T	27.3/12.9
C96	4030006860	S.CER C1608 JB 1H 102K-T	B	26.5/22.9
C97	4030007010	S.CER C1608 CH 1H 100D-T	B	28.4/23.1
C98	4030007090	S.CER C1608 CH 1H 470J-T	T	27.6/19.9
C99	4030011600	S.CER C1608 JB 1E 104K-T	B	28.5/14.7
C100	4030011600	S.CER C1608 JB 1E 104K-T	B	24.1/19.3
C101	4030009350	S.CER C1608 CH 1H 3R5B-T	T	81.4/22.7
C102	4030009350	S.CER C1608 CH 1H 3R5B-T	T	92.9/24.6
C103	4030006860	S.CER C1608 JB 1H 102K-T	T	71.4/19.1
C104	4030009540	S.CER C1608 CH 1H 1R5B-T	T	80.1/25.4
C105	4030009540	S.CER C1608 CH 1H 1R5B-T	T	92.1/22.7
C106	4030011600	S.CER C1608 JB 1E 104K-T	B	31.1/20.0
C111	4030006860	S.CER C1608 JB 1H 102K-T	T	77.4/24.3
C112	4030006850	S.CER C1608 JB 1H 471K-T	T	74.0/17.8
C114	4030006860	S.CER C1608 JB 1H 102K-T	T	74.0/19.1
C121	4030007000	S.CER C1608 CH 1H 090D-T	T	66.5/18.5
C122	4030009910	S.CER C1608 CH 1H 040B-T	T	67.1/20.4
C123	4030007040	S.CER C1608 CH 1H 180J-T	T	67.9/18.5
C124	4030011770	S.CER C1608 CH 1H 060B-T	T	69.8/20.4
C125	4030007010	S.CER C1608 CH 1H 100D-T	B	69.2/18.5
C130	4030007010	S.CER C1608 CH 1H 100D-T	B	96.5/37.5
C131	4030006860	S.CER C1608 JB 1H 102K-T	T	103.4/21.6
C132	4030006850	S.CER C1608 JB 1H 471K-T	B	97.8/30.4
C133	4030009530	S.CER C1608 CH 1H 030B-T	T	97.1/26.0
C134	4030006860	S.CER C1608 JB 1H 102K-T	B	95.2/37.5
C135	4030006850	S.CER C1608 JB 1H 471K-T	T	96.3/21.2
C136	4030006850	S.CER C1608 JB 1H 471K-T	T	98.1/23.9
C137	4030007010	S.CER C1608 CH 1H 100D-T	T	100.0/24.8
C138	4030006860	S.CER C1608 JB 1H 102K-T	T	100.0/23.5
C139	4030009530	S.CER C1608 CH 1H 030B-T	T	97.1/27.2
C140	4030011600	S.CER C1608 JB 1E 104K-T	T	102.9/25.0
C141	4030006850	S.CER C1608 JB 1H 471K-T	T	103.3/17.2
C142	4030009500	S.CER C1608 CH 1H 0R5B-T	T	113.9/26.3
C143	4030009510	S.CER C1608 CH 1H 010B-T	T	112.8/18.7
C144	4030009510	S.CER C1608 CH 1H 010B-T	T	115.4/18.7
C145	4030009520	S.CER C1608 CH 1H 020B-T	T	114.6/20.8
C146	4030009500	S.CER C1608 CH 1H 0R5B-T	T	115.4/22.9
C147	4030006850	S.CER C1608 JB 1H 471K-T	T	115.8/28.8

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REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C148	4030006880	S.CER C1608 JB 1H 472K-T	T	103.3/34.1
C149	4030006860	S.CER C1608 JB 1H 102K-T	T	104.3/32.7
C150	4030007010	S.CER C1608 CH 1H 100D-T	T	104.0/36.6
C151	4030006850	S.CER C1608 JB 1H 471K-T	T	107.7/36.5
C155	4030009510	S.CER C1608 CH 1H 010B-T	T	100.5/19.6
C160	4030006860	S.CER C1608 JB 1H 102K-T	T	15.6/19.0
C161	4030006860	S.CER C1608 JB 1H 102K-T	T	15.4/16.8
C162	4030006860	S.CER C1608 JB 1H 102K-T	T	13.5/17.2
C163	4030006860	S.CER C1608 JB 1H 102K-T	T	74.0/93.8
C164	4510008540	S.ELE EEE1CA100SR	T	37.8/105.0
C165	4030011600	S.CER C1608 JB 1E 104K-T	T	39.2/109.0
C166	4550007350	S.TAN F931C226MCMBMA	T	43.3/105.3
C167	4030019120	S.CER GRM188B31E105KA75D	T	51.9/105.2
C168	4030011600	S.CER C1608 JB 1E 104K-T	T	58.0/97.3
C169	4510008540	S.ELE EEE1CA100SR	T	61.7/98.1
C170	4510008540	S.ELE EEE1CA100SR	T	74.2/89.9
C171	4030006860	S.CER C1608 JB 1H 102K-T	T	71.6/93.0
C172	4510008540	S.ELE EEE1CA100SR	T	55.7/107.1
C173	4030006860	S.CER C1608 JB 1H 102K-T	T	54.4/110.2
C174	4510008540	S.ELE EEE1CA100SR	T	78.7/95.0
C175	4030006860	S.CER C1608 JB 1H 102K-T	T	75.6/96.5
C176	4030011600	S.CER C1608 JB 1E 104K-T	T	43.3/115.4
C177	4030006860	S.CER C1608 JB 1H 102K-T	B	13.8/33.9
C181	4030009530	S.CER C1608 CH 1H 030B-T	T	91.9/34.7
C182	4030009500	S.CER C1608 CH 1H 0R5B-T	T	89.3/33.5
C183	4030009920	S.CER C1608 CH 1H 050B-T	T	91.9/35.9
C184	4030009510	S.CER C1608 CH 1H 010B-T	T	88.5/36.7
C185	4030009530	S.CER C1608 CH 1H 030B-T	T	91.9/37.3
C186	4030007010	S.CER C1608 CH 1H 100D-T	T	90.0/41.7
C187	4030006860	S.CER C1608 JB 1H 102K-T	T	88.8/41.7
C188	4030006880	S.CER C1608 JB 1H 472K-T	T	90.8/43.8
C190	4030009530	S.CER C1608 CH 1H 030B-T	T	89.3/32.3
C191	4030009530	S.CER C1608 CH 1H 030B-T	T	89.6/45.1
C192	4030017810	S.CER C1608 CH 1H 102J-T	T	87.8/52.9
C193	4030007010	S.CER C1608 CH 1H 100D-T	T	90.4/54.3
C194	4030006990	S.CER C1608 CH 1H 080D-T	T	89.6/46.3
C195	4030009550	S.CER C1608 CH 1H 2R5B-T	T	89.4/47.5
C196	4030009530	S.CER C1608 CH 1H 030B-T	T	90.4/30.7
C197	4030007010	S.CER C1608 CH 1H 100D-T	T	91.9/32.3
C201	4030007020	S.CER C1608 CH 1H 120J-T	T	51.3/31.0
C202	4030006940	S.CER C1608 CH 1H 030C-T	T	49.4/31.9
C203	4030007050	S.CER C1608 CH 1H 220J-T	T	51.3/32.3
C204	4030009510	S.CER C1608 CH 1H 010B-T	T	49.4/34.6
C205	4030007030	S.CER C1608 CH 1H 150J-T	T	51.3/33.6
C206	4030007010	S.CER C1608 CH 1H 100D-T	T	47.7/40.5
C207	4030006860	S.CER C1608 JB 1H 102K-T	T	46.2/42.5
C208	4030006880	S.CER C1608 JB 1H 472K-T	T	47.7/39.2
C209	4030006860	S.CER C1608 JB 1H 102K-T	T	43.9/41.6
C210	4030006860	S.CER C1608 JB 1H 102K-T	T	46.6/45.1
C211	4030006860	S.CER C1608 JB 1H 102K-T	T	48.1/29.3
C212	4030006860	S.CER C1608 JB 1H 102K-T	B	51.5/41.1
C213	4030007010	S.CER C1608 CH 1H 100D-T	B	51.5/42.9
C221	4030006880	S.CER C1608 JB 1H 472K-T	T	29.4/11.0
C222	4030007170	S.CER C1608 CH 1H 221J-T	T	31.3/10.2
C223	4030006850	S.CER C1608 JB 1H 471K-T	T	53.0/11.5
C224	4030011600	S.CER C1608 JB 1E 104K-T	T	49.1/11.5
C225	4030007090	S.CER C1608 CH 1H 470J-T	T	47.9/11.5
C226	4030007130	S.CER C1608 CH 1H 101J-T	T	42.4/9.0
C227	4030006860	S.CER C1608 JB 1H 102K-T	T	47.2/5.2
C229	4030017810	S.CER C1608 CH 1H 102J-T	T	52.9/5.9
C230	4030006860	S.CER C1608 JB 1H 102K-T	B	49.0/6.3
C232	4030006860	S.CER C1608 JB 1H 102K-T	B	50.8/6.3
C233	4030009920	S.CER C1608 CH 1H 050B-T	T	63.1/7.3
C234	4030009920	S.CER C1608 CH 1H 050B-T	T	60.0/5.4
C235	4030009920	S.CER C1608 CH 1H 050B-T	T	58.6/7.7
C236	4030009920	S.CER C1608 CH 1H 050B-T	T	56.6/7.7
C240	4030009530	S.CER C1608 CH 1H 030B-T	T	88.7/10.4
C241	4030009540	S.CER C1608 CH 1H 1R5B-T	T	65.4/8.2
C242	4030009350	S.CER C1608 CH 1H 3R5B-T	T	64.6/6.1
C243	4030009920	S.CER C1608 CH 1H 050B-T	T	80.1/10.0
C244	4030009520	S.CER C1608 CH 1H 020B-T	T	78.1/9.2
C246	4030006860	S.CER C1608 JB 1H 102K-T	T	81.3/14.9
C247	4030007010	S.CER C1608 CH 1H 100D-T	T	82.5/14.9
C248	4030011600	S.CER C1608 JB 1E 104K-T	T	101.8/4.5
C251	4030006860	S.CER C1608 JB 1H 102K-T	B	99.4/12.5
C252	4030006860	S.CER C1608 JB 1H 102K-T	B	98.4/8.4
C253	4030007130	S.CER C1608 CH 1H 101J-T	T	95.3/5.7
C255	4030006880	S.CER C1608 JB 1H 472K-T	T	63.7/9.3
C256	4030006860	S.CER C1608 JB 1H 102K-T	T	98.4/7.5
C257	4030017810	S.CER C1608 CH 1H 102J-T	T	54.9/9.7
C258	4030006860	S.CER C1608 JB 1H 102K-T	T	102.3/7.5
C259	4030006860	S.CER C1608 JB 1H 102K-T	T	102.1/12.2
C260	4030006860	S.CER C1608 JB 1H 102K-T	T	104.6/9.9
C261	4030006860	S.CER C1608 JB 1H 102K-T	B	41.1/7.6
C262	4030007010	S.CER C1608 CH 1H 100D-T	B	43.1/7.6
C263	4030006860	S.CER C1608 JB 1H 102K-T	T	56.1/12.4
C264	4030007010	S.CER C1608 CH 1H 100D-T	T	57.3/12.4
C265	4030006860	S.CER C1608 JB 1H 102K-T	T	105.7/5.7
C266	4030007010	S.CER C1608 CH 1H 100D-T	T	104.4/5.7
C267	4030006860	S.CER C1608 JB 1H 102K-T	B	95.4/6.4
C268	4030007010	S.CER C1608 CH 1H 100D-T	B	96.7/6.4
C269	4030009920	S.CER C1608 CH 1H 050B-T	T	80.9/8.1
C271	4030009520	S.CER C1608 CH 1H 020B-T	T	113.4/9.6
C273	4030009550	S.CER C1608 CH 1H 2R5B-T	T	115.8/10.4
C274	4030006860	S.CER C1608 JB 1H 102K-T	T	126.9/6.6
C275	4030006860	S.CER C1608 JB 1H 102K-T	T	124.9/6.6
C276	4030006850	S.CER C1608 JB 1H 471K-T	T	128.2/6.6
C277	4030006850	S.CER C1608 JB 1H 471K-T	T	120.7/7.9
C278	4030006860	S.CER C1608 JB 1H 102K-T	T	122.0/7.9
C279	4030009550	S.CER C1608 CH 1H 2R5B-T	T	124.5/12.4
C280	4030006880	S.CER C1608 JB 1H 472K-T	T	20.9/6.2
C282	4510008540	S.ELE EEE1CA100SR	T	122.5/24.2
C283	4030006860	S.CER C1608 JB 1H 102K-T	B	122.0/26.9
C284	4030006850	S.CER C1608 JB 1H 471K-T	B	122.0/25.6
C285	4030006860	S.CER C1608 JB 1H 102K-T	T	124.0/29.6

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C286	4030011600	S.CER	C1608 JB 1E 104K-T	T	134.3/24.5
C287	4030006880	S.CER	C1608 JB 1H 472K-T	T	134.3/23.2
C288	4030009530	S.CER	C1608 CH 1H 030B-T	T	128.4/28.3
C289	4030007090	S.CER	C1608 CH 1H 470J-T	T	128.5/34.1
C290	4030007090	S.CER	C1608 CH 1H 470J-T	T	131.0/31.1
C292	4030006860	S.CER	C1608 JB 1H 102K-T	T	127.2/34.1
C293	4030006860	S.CER	C1608 JB 1H 102K-T	T	131.0/28.4
C294	4030006880	S.CER	C1608 JB 1H 472K-T	T	125.9/34.1
C295	4030006880	S.CER	C1608 JB 1H 472K-T	T	133.6/31.1
C297	4030009520	S.CER	C1608 CH 1H 020B-T	T	133.9/36.9
C298	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	136.9/36.9
C299	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	137.7/38.8
C300	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	131.7/34.2
C301	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	136.9/40.7
C302	4030006880	S.CER	C1608 JB 1H 472K-T	T	23.3/104.7
C304	4030007010	S.CER	C1608 CH 1H 100D-T	T	67.7/31.8
C305	4030007090	S.CER	C1608 CH 1H 470J-T	T	124.0/30.9
C306	4030007010	S.CER	C1608 CH 1H 100D-T	T	124.0/32.2
C310	4030006860	S.CER	C1608 JB 1H 102K-T	B	13.8/35.7
C311	4030006860	S.CER	C1608 JB 1H 102K-T	T	10.6/55.3
C312	4030006860	S.CER	C1608 JB 1H 102K-T	B	3.8/42.8
C313	4030006860	S.CER	C1608 JB 1H 102K-T	T	10.9/52.9
C314	4030006860	S.CER	C1608 JB 1H 102K-T	B	8.6/54.6
C315	4030006860	S.CER	C1608 JB 1H 102K-T	B	3.8/37.6
C316	4030006860	S.CER	C1608 JB 1H 102K-T	T	35.7/100.2
C317	4030006860	S.CER	C1608 JB 1H 102K-T	B	4.5/44.1
C318	4030006860	S.CER	C1608 JB 1H 102K-T	T	125.6/60.9
C319	4030006900	S.CER	C1608 JB 1H 103K-T	T	17.0/26.5
C324	4030007010	S.CER	C1608 CH 1H 100D-T	B	99.9/65.9
C325	4030007090	S.CER	C1608 CH 1H 470J-T	B	98.6/65.9
C326	4030007090	S.CER	C1608 CH 1H 470J-T	T	105.9/73.8
C327	4030007130	S.CER	C1608 CH 1H 101J-T	T	132.6/80.2
C328	4030007010	S.CER	C1608 CH 1H 100D-T	T	111.4/84.6
C329	4030007090	S.CER	C1608 CH 1H 470J-T	T	111.4/83.3
C330	4030007130	S.CER	C1608 CH 1H 101J-T	T	111.4/82.0
C332	4610001810	S.TRI	TZB4Z030AB10R00 (TZBX4Z030BA110)	T	101.4/76.2
C333	4030007010	S.CER	C1608 CH 1H 100D-T	T	5.2/31.0
C334	4030007010	S.CER	C1608 CH 1H 100D-T	T	5.4/35.8
C335	4030007010	S.CER	C1608 CH 1H 100D-T	T	13.3/25.1
C336	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.3/26.3
C338	4030007010	S.CER	C1608 CH 1H 100D-T	B	13.0/31.7
C339	4030007010	S.CER	C1608 CH 1H 100D-T	B	5.3/31.4
C340	4030007010	S.CER	C1608 CH 1H 100D-T	T	5.9/29.0
C341	4030007010	S.CER	C1608 CH 1H 100D-T	B	7.9/53.4
C342	4030011340	S.CER	C1608 CH 1H 471J-T	T	56.6/55.5
C343	4030011340	S.CER	C1608 CH 1H 471J-T	T	55.8/53.7
C344	4030011600	S.CER	C1608 JB 1E 104K-T	B	52.1/116.3
C347	4030009510	S.CER	C1608 CH 1H 010B-T	T	52.1/3.6
C348	4030009510	S.CER	C1608 CH 1H 010B-T	T	53.3/3.6
C349	4030009510	S.CER	C1608 CH 1H 010B-T	T	54.1/7.7
C350	4030009510	S.CER	C1608 CH 1H 010B-T	T	55.3/7.7
C351	4030009520	S.CER	C1608 CH 1H 020B-T	T	101.5/86.6
C352	4030009520	S.CER	C1608 CH 1H 020B-T	T	109.9/44.8
C353	4030011600	S.CER	C1608 JB 1E 104K-T	T	62.2/103.1
C361	4030009510	S.CER	C1608 CH 1H 010B-T	B	98.0/17.3
C362	4030009520	S.CER	C1608 CH 1H 020B-T	B	98.0/15.9
C363	4030009520	S.CER	C1608 CH 1H 020B-T	B	99.5/20.5
C364	4030009530	S.CER	C1608 CH 1H 030B-T	B	99.5/19.1
C365	4030009520	S.CER	C1608 CH 1H 020B-T	B	98.0/23.6
C366	4030009530	S.CER	C1608 CH 1H 030B-T	B	98.0/22.2
C367	4030009510	S.CER	C1608 CH 1H 010B-T	B	98.0/25.2
C368	4030009520	S.CER	C1608 CH 1H 020B-T	B	98.0/26.6
C371	4030007020	S.CER	C1608 CH 1H 120J-T	B	45.6/12.7
C372	4030007050	S.CER	C1608 CH 1H 220J-T	B	47.3/16.2
C373	4030007020	S.CER	C1608 CH 1H 120J-T	B	47.3/21.3
C502	4030011600	S.CER	C1608 JB 1E 104K-T	B	15.8/83.6
C505	4030011600	S.CER	C1608 JB 1E 104K-T	B	19.7/86.5
C507	4550007360	S.TAN	F931A226MBABMA	T	17.9/82.4
C510	4030011600	S.CER	C1608 JB 1E 104K-T	B	17.6/77.3
C513	4510008540	S.ELE	EEE1CA100SR	T	17.9/78.2
C516	4030011770	S.CER	C1608 CH 1H 060B-T	B	39.7/74.3
C518	4030011600	S.CER	C1608 JB 1E 104K-T	T	40.8/72.8
C520	4030011600	S.CER	C1608 JB 1E 104K-T	T	40.8/75.4
C521	4030011600	S.CER	C1608 JB 1E 104K-T	T	21.2/75.7
C522	4030011600	S.CER	C1608 JB 1E 104K-T	T	38.5/79.0
C523	4030011600	S.CER	C1608 JB 1E 104K-T	T	38.2/80.3
C524	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.9/67.1
C525	4030011600	S.CER	C1608 JB 1E 104K-T	T	35.6/79.0
C526	4030011600	S.CER	C1608 JB 1E 104K-T	T	35.6/80.3
C527	4030011600	S.CER	C1608 JB 1E 104K-T	T	32.3/79.6
C529	4030011600	S.CER	C1608 JB 1E 104K-T	T	29.0/72.9
C531	4030011600	S.CER	C1608 JB 1E 104K-T	T	27.7/74.8
C532	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.0/71.2
C534	4030007130	S.CER	C1608 CH 1H 101J-T	T	27.3/78.5
C535	4030019460	S.CER	C1608 JB 0J 106M-T	T	26.1/78.5
C536	4030007020	S.CER	C1608 CH 1H 120J-T	B	46.4/70.9
C538	4030007010	S.CER	C1608 CH 1H 100D-T	T	55.9/66.0
C539	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	56.7/67.8
C540	4030007010	S.CER	C1608 CH 1H 100D-T	T	58.6/67.1
C541	4030007060	S.CER	C1608 CH 1H 270J-T	T	24.3/81.6
C542	4030007060	S.CER	C1608 CH 1H 270J-T	T	26.9/81.6
C543	4030006980	S.CER	C1608 CH 1H 070D-T	B	48.0/70.4
C544	4030009920	S.CER	C1608 CH 1H 050B-T	B	45.7/73.1
C545	4030007080	S.CER	C1608 CH 1H 390J-T	B	43.4/72.2
C601	4030007040	S.CER	C1608 CH 1H 180J-T	T	13.8/12.4
C602	4030007050	S.CER	C1608 CH 1H 220J-T	T	39.5/85.9
C603	4030007030	S.CER	C1608 CH 1H 150J-T	T	40.8/84.7
C604	4030007060	S.CER	C1608 CH 1H 270J-T	T	31.7/89.0
C605	4030011770	S.CER	C1608 CH 1H 060B-T	T	31.7/87.1
C606	4030007090	S.CER	C1608 CH 1H 470J-T	T	33.7/88.4
C607	4030006860	S.CER	C1608 JB 1H 102K-T	B	47.1/58.5
C608	4030009910	S.CER	C1608 CH 1H 040B-T	T	34.6/86.4
C609	4030007050	S.CER	C1608 CH 1H 220J-T	T	35.1/88.4
C610	4030007080	S.CER	C1608 CH 1H 390J-T	T	46.1/88.0

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C611	4030006860	S.CER C1608 JB 1H 102K-T	B	48.4/54.7
C612	4030007130	S.CER C1608 CH 1H 101J-T	B	48.6/56.3
C613	4030006860	S.CER C1608 JB 1H 102K-T	B	43.4/56.4
C614	4030006860	S.CER C1608 JB 1H 102K-T	T	46.7/85.8
C615	4030007130	S.CER C1608 CH 1H 101J-T	T	46.6/84.6
C616	4030006880	S.CER C1608 JB 1H 472K-T	T	52.3/88.2
C617	4030006980	S.CER C1608 CH 1H 070D-T	T	49.7/55.8
C618	4030007060	S.CER C1608 CH 1H 270J-T	T	49.7/54.5
C619	4030009350	S.CER C1608 CH 1H 3R5B-T	T	51.6/55.2
C620	4030009910	S.CER C1608 CH 1H 040B-T	T	42.2/52.5
C621	4030009530	S.CER C1608 CH 1H 030B-T	T	42.2/53.7
C622	4030006990	S.CER C1608 CH 1H 080D-T	T	47.6/58.5
C623	4030007000	S.CER C1608 CH 1H 090D-T	T	44.1/52.5
C624	4030007100	S.CER C1608 CH 1H 560J-T	T	49.5/60.0
C625	4030009540	S.CER C1608 CH 1H 1R5B-T	T	45.3/55.1
C626	4030011770	S.CER C1608 CH 1H 060B-T	T	46.9/60.0
C627	4030007000	S.CER C1608 CH 1H 090D-T	T	46.4/52.5
C628	4030007140	S.CER C1608 CH 1H 121J-T	T	46.9/61.2
C629	4030009560	S.CER C1608 CH 1H R75B-T	T	47.1/54.5
C630	4030006980	S.CER C1608 CH 1H 070D-T	T	46.9/62.4
C631	4030006990	S.CER C1608 CH 1H 080D-T	T	49.5/63.5
C632	4030011770	S.CER C1608 CH 1H 060B-T	T	47.7/52.5
C633	4030006980	S.CER C1608 CH 1H 070D-T	T	47.5/64.2
C634	4030009650	S.CER C1608 CH 1H 240J-T	T	49.5/66.1
C635	4030009910	S.CER C1608 CH 1H 040B-T	T	46.9/67.3
C636	4030007050	S.CER C1608 CH 1H 220J-T	T	49.5/68.4
C637	4030009510	S.CER C1608 CH 1H 010B-T	T	46.1/69.1
C638	4030007020	S.CER C1608 CH 1H 120J-T	T	49.5/69.7
C639	4030007110	S.CER C1608 CH 1H 680J-T	T	41.4/86.7
C640	4030007040	S.CER C1608 CH 1H 180J-T	T	42.0/84.7
C641	4030009520	S.CER C1608 CH 1H 020B-T	T	51.8/85.6
C642	4030008560	S.CER C1608 CH 1H 300J-T	T	49.9/89.9
C643	4030007100	S.CER C1608 CH 1H 560J-T	T	49.9/84.8
C644	4030009920	S.CER C1608 CH 1H 050B-T	B	41.0/55.6
C645	4030007040	S.CER C1608 CH 1H 180J-T	B	41.4/54.1
C646	4030007040	S.CER C1608 CH 1H 180J-T	B	38.5/54.9
C647	4030007110	S.CER C1608 CH 1H 680J-T	T	50.8/53.3
C648	4030011770	S.CER C1608 CH 1H 060B-T	T	52.8/53.9
C650	4030006860	S.CER C1608 JB 1H 102K-T	T	70.6/58.3
C651	40300117810	S.CER C1608 CH 1H 102J-T	T	66.9/46.9
C652	40300117810	S.CER C1608 CH 1H 102J-T	T	62.0/41.0
C653	4030007090	S.CER C1608 CH 1H 470J-T	T	69.2/45.2
C654	40300117810	S.CER C1608 CH 1H 102J-T	T	69.2/46.4
C655	40300117810	S.CER C1608 CH 1H 102J-T	B	65.3/45.6
C656	4030009520	S.CER C1608 CH 1H 020B-T	T	77.5/47.7
C657	4030007010	S.CER C1608 CH 1H 100D-T	T	79.5/49.1
C658	4030009540	S.CER C1608 CH 1H 1R5B-T	T	77.5/50.3
C659	4030009520	S.CER C1608 CH 1H 020B-T	T	81.8/41.6
C660	4030009510	S.CER C1608 CH 1H 010B-T	T	80.0/41.3
C661	4030009910	S.CER C1608 CH 1H 040B-T	T	80.6/43.1
C662	4030009500	S.CER C1608 CH 1H 0R5B-T	T	76.9/43.3
C663	4030009910	S.CER C1608 CH 1H 040B-T	T	80.6/44.3
C664	4030009570	S.CER C1608 CH 1H 0R3B-T	T	77.5/45.1
C665	4030009520	S.CER C1608 CH 1H 020B-T	T	80.6/45.5
C666	4030006860	S.CER C1608 JB 1H 102K-T	T	68.0/51.6
C667	4030006860	S.CER C1608 JB 1H 102K-T	T	64.0/49.0
C668	4030007130	S.CER C1608 CH 1H 101J-T	T	62.8/49.0
C670	4030009530	S.CER C1608 CH 1H 030B-T	T	78.8/46.1
C671	4030009920	S.CER C1608 CH 1H 050B-T	T	79.5/47.9
C672	4030009540	S.CER C1608 CH 1H 1R5B-T	T	64.5/45.6
C673	4030006990	S.CER C1608 CH 1H 080D-T	T	62.7/46.4
C674	4030006990	S.CER C1608 CH 1H 080D-T	T	62.7/44.9
C675	4030007090	S.CER C1608 CH 1H 470J-T	T	76.8/39.2
C676	4030007060	S.CER C1608 CH 1H 270J-T	T	79.5/50.3
C677	4030009520	S.CER C1608 CH 1H 020B-T	T	79.5/51.5
C678	4030007070	S.CER C1608 CH 1H 330J-T	T	43.7/87.4
C679	4030009920	S.CER C1608 CH 1H 050B-T	T	44.0/85.6
C680	4030007070	S.CER C1608 CH 1H 330J-T	T	44.9/87.4
C681	4030009540	S.CER C1608 CH 1H 1R5B-T	T	52.3/83.8
C682	4030007080	S.CER C1608 CH 1H 390J-T	T	49.6/83.5
C683	4030007030	S.CER C1608 CH 1H 150J-T	B	38.9/57.9
C684	4030007030	S.CER C1608 CH 1H 150J-T	B	38.6/61.1
C691	4030011340	S.CER C1608 CH 1H 471J-T	B	63.7/56.0
C692	4030011340	S.CER C1608 CH 1H 471J-T	B	60.0/55.5
C693	4030007080	S.CER C1608 CH 1H 390J-T	B	46.5/87.4
C701	4030006900	S.CER C1608 JB 1H 103K-T	B	33.0/64.5
C702	4030011600	S.CER C1608 JB 1E 104K-T	B	31.4/58.3
C703	4550007140	S.TAN TEESVD 1C 107M12R	B	20.6/57.7
C705	40300117810	S.CER C1608 CH 1H 102J-T	T	25.4/57.8
C706	4030011600	S.CER C1608 JB 1E 104K-T	T	21.5/64.5
C707	40300117810	S.CER C1608 CH 1H 102J-T	B	28.5/56.9
C708	4340000490	S.MYL ECHU 1C 153JX5	T	21.9/60.0
C709	4030006860	S.CER C1608 JB 1H 102K-T	T	27.8/57.1
C710	4550000550	S.TAN TEESVA 1V 224M8R	T	19.8/59.5
C711	4550006770	S.TAN TEESVD2 1C 476M-12R	B	30.5/40.7
C712	4340000570	S.MYL ECHU 1C 472JX5	T	15.8/56.1
C713	4550006480	S.TAN TEESVA 1C 475M8R	T	17.7/58.0
C714	4550003220	S.TAN TEESVA 1E 105M8R	T	35.1/45.3
C715	4030006880	S.CER C1608 JB 1H 472K-T	T	22.7/64.5
C716	4030006860	S.CER C1608 JB 1H 102K-T	T	36.0/43.6
C717	4550006080	S.TAN TEESVB2 1C 106M8R	T	37.1/37.1
C718	4030006880	S.CER C1608 JB 1H 472K-T	T	20.2/64.4
C719	4030007100	S.CER C1608 CH 1H 560J-T	T	28.8/32.2
C720	40300117810	S.CER C1608 CH 1H 102J-T	T	34.8/35.8
C721	4030007050	S.CER C1608 CH 1H 220J-T	T	28.3/28.7
C722	4030011810	S.CER C1608 JB 1A 224K-T	B	22.7/61.1
C723	4030007050	S.CER C1608 CH 1H 220J-T	T	32.6/29.6
C724	4030009520	S.CER C1608 CH 1H 020B-T	T	32.2/27.8
C726	40300117810	S.CER C1608 CH 1H 102J-T	T	30.7/32.5
C727	40300117810	S.CER C1608 CH 1H 102J-T	T	41.8/31.8
C728	4030007020	S.CER C1608 CH 1H 120J-T	T	45.7/31.8
C729	4030006860	S.CER C1608 JB 1H 102K-T	T	36.6/31.8
C730	4030011600	S.CER C1608 JB 1E 104K-T	T	40.5/31.8
C731	4030009650	S.CER C1608 CH 1H 240J-T	T	41.3/36.4
C732	4030009910	S.CER C1608 CH 1H 040B-T	T	30.6/53.9

[MAIN-B UNIT]

REF NO.	PARTS NO.		DESCRIPTION	M.	H/V LOCATION
C733	4030006860	S.CER	C1608 JB 1H 102K-T	T	25.5/54.7
C734	4030007060	S.CER	C1608 CH 1H 270J-T	T	29.9/52.0
C735	4030006880	S.CER	C1608 JB 1H 472K-T	T	40.0/38.7
C737	4030007030	S.CER	C1608 CH 1H 150J-T	T	42.1/38.4
C738	4030009650	S.CER	C1608 CH 1H 240J-T	T	43.4/38.4
C739	4030007030	S.CER	C1608 CH 1H 150J-T	T	43.9/40.3
C741	4030011600	S.CER	C1608 JB 1E 104K-T	T	31.0/43.0
C742	4030006980	S.CER	C1608 CH 1H 070D-T	B	39.7/64.4
C743	4030006860	S.CER	C1608 JB 1H 102K-T	B	50.9/54.4
C744	4030006860	S.CER	C1608 JB 1H 102K-T	B	31.4/59.5
C745	4030007010	S.CER	C1608 CH 1H 100D-T	B	31.2/54.1
C746	4030007090	S.CER	C1608 CH 1H 470J-T	B	28.5/52.3
C747	4030006980	S.CER	C1608 CH 1H 070D-T	B	28.5/55.2
C748	4030018970	S.CER	C3225 JB 1C 226MT-N	B	36.0/54.9
C751	4030007150	S.CER	C1608 CH 1H 151J-T	B	56.6/83.9
C752	4030007140	S.CER	C1608 CH 1H 121J-T	B	55.7/81.4
C753	4030007160	S.CER	C1608 CH 1H 181J-T	B	55.0/76.8
C755	4030007050	S.CER	C1608 CH 1H 220J-T	B	54.1/83.0
C756	4030006990	S.CER	C1608 CH 1H 080D-T	B	53.3/81.0
C757	4030007140	S.CER	C1608 CH 1H 121J-T	B	55.7/80.2
C761	4030007090	S.CER	C1608 CH 1H 470J-T	B	40.1/66.0
C762	4030007090	S.CER	C1608 CH 1H 470J-T	B	37.8/65.3
C771	4030007030	S.CER	C1608 CH 1H 150J-T	T	43.9/32.6
C772	4030007030	S.CER	C1608 CH 1H 150J-T	T	41.3/34.0
C773	4030009530	S.CER	C1608 CH 1H 030B-T	T	34.1/28.0
C774	4030007010	S.CER	C1608 CH 1H 100D-T	T	36.5/29.2
C775	4030009910	S.CER	C1608 CH 1H 040B-T	T	38.4/28.6
C776	4030007010	S.CER	C1608 CH 1H 100D-T	B	35.5/45.7
C901	4030006860	S.CER	C1608 JB 1H 102K-T	T	59.6/76.9
C902	4030006860	S.CER	C1608 JB 1H 102K-T	T	58.3/74.0
C903	4030006860	S.CER	C1608 JB 1H 102K-T	B	60.0/72.0
C904	4030007150	S.CER	C1608 CH 1H 151J-T	B	64.8/75.7
C905	4030007060	S.CER	C1608 CH 1H 270J-T	B	64.8/72.8
C906	4030007110	S.CER	C1608 CH 1H 680J-T	T	65.1/69.8
C907	4030007000	S.CER	C1608 CH 1H 090D-T	B	62.4/72.8
C908	4030007120	S.CER	C1608 CH 1H 820J-T	B	59.0/75.4
C911	4030007080	S.CER	C1608 CH 1H 390J-T	B	64.4/80.2
C912	4030007060	S.CER	C1608 CH 1H 270J-T	B	64.4/84.4
C913	4030007120	S.CER	C1608 CH 1H 820J-T	B	66.1/79.6
C914	4030007020	S.CER	C1608 CH 1H 120J-T	B	69.3/82.8
C915	4030007130	S.CER	C1608 CH 1H 101J-T	B	67.9/79.6
C916	4030009920	S.CER	C1608 CH 1H 050B-T	B	71.3/80.1
C917	4030007100	S.CER	C1608 CH 1H 560J-T	B	70.4/78.5
C921	4030007080	S.CER	C1608 CH 1H 390J-T	T	71.1/81.2
C922	4030011280	S.CER	C1608 CH 1H 271J-T	T	69.9/80.1
C923	4030007060	S.CER	C1608 CH 1H 270J-T	T	71.1/78.6
C924	4030017800	S.CER	C1608 CH 1H 561J-T	T	69.9/77.1
C925	4030007080	S.CER	C1608 CH 1H 390J-T	T	71.1/77.0
C931	4030006860	S.CER	C1608 JB 1H 102K-T	T	73.3/78.6
C932	4030006860	S.CER	C1608 JB 1H 102K-T	T	75.4/78.2
C933	4030006860	S.CER	C1608 JB 1H 102K-T	B	77.3/81.4
C934	4030011540	S.CER	C1608 CH 1H 750J-T	B	76.5/79.4
C935	4030007030	S.CER	C1608 CH 1H 150J-T	B	79.9/78.6
C936	4030011540	S.CER	C1608 CH 1H 750J-T	B	76.5/77.9
C941	4030009990	S.CER	C1608 CH 1H 200J-T	T	84.0/67.4
C942	4030007010	S.CER	C1608 CH 1H 100D-T	T	81.4/66.2
C943	4030007080	S.CER	C1608 CH 1H 390J-T	T	84.0/65.1
C944	4030009920	S.CER	C1608 CH 1H 050B-T	T	82.1/64.3
C945	4030007090	S.CER	C1608 CH 1H 470J-T	T	84.0/63.6
C946	4030009520	S.CER	C1608 CH 1H 020B-T	T	81.4/61.3
C947	4030007060	S.CER	C1608 CH 1H 270J-T	T	84.0/61.3
C951	4030007060	S.CER	C1608 CH 1H 270J-T	B	81.5/62.9
C952	4030007140	S.CER	C1608 CH 1H 121J-T	B	79.6/60.9
C953	4030007020	S.CER	C1608 CH 1H 120J-T	B	78.7/62.9
C954	4030007170	S.CER	C1608 CH 1H 221J-T	B	78.0/60.9
C955	4030007040	S.CER	C1608 CH 1H 180J-T	B	75.9/61.6
C961	4030006860	S.CER	C1608 JB 1H 102K-T	T	78.1/62.4
C962	4030006860	S.CER	C1608 JB 1H 102K-T	T	78.1/65.0
C963	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.5/69.3
C971	4030006990	S.CER	C1608 CH 1H 080D-T	T	71.3/67.6
C972	4030009920	S.CER	C1608 CH 1H 050B-T	T	68.9/67.6
C973	4030007030	S.CER	C1608 CH 1H 150J-T	T	70.6/65.7
C974	4030009530	S.CER	C1608 CH 1H 030B-T	T	70.6/63.3
C975	4030007040	S.CER	C1608 CH 1H 180J-T	T	72.6/64.1
C976	4030009510	S.CER	C1608 CH 1H 010B-T	T	71.1/61.4
C977	4030007010	S.CER	C1608 CH 1H 100D-T	T	72.3/61.4
C981	4030006980	S.CER	C1608 CH 1H 070D-T	B	72.0/62.2
C982	4030008560	S.CER	C1608 CH 1H 300J-T	B	70.0/60.9
C983	4030011770	S.CER	C1608 CH 1H 060B-T	B	69.2/62.2
C984	4030007100	S.CER	C1608 CH 1H 560J-T	B	66.2/62.2
C985	4030006980	S.CER	C1608 CH 1H 070D-T	B	67.0/60.2
C991	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.7/63.0
C992	4030006860	S.CER	C1608 JB 1H 102K-T	T	67.4/65.3
C993	4030006860	S.CER	C1608 JB 1H 102K-T	T	62.9/67.5
C995	4030011770	S.CER	C1608 CH 1H 060B-T	B	65.5/65.5
C996	4030009910	S.CER	C1608 CH 1H 040B-T	B	65.5/68.3
C997	4030007020	S.CER	C1608 CH 1H 120J-T	B	69.0/69.0
C998	4030009520	S.CER	C1608 CH 1H 020B-T	B	62.7/68.3
C999	4030007030	S.CER	C1608 CH 1H 150J-T	B	62.3/65.6
C1000	4030009510	S.CER	C1608 CH 1H 010B-T	B	60.3/68.0
C1001	4030011770	S.CER	C1608 CH 1H 060B-T	T	59.9/67.1
C1002	4030007050	S.CER	C1608 CH 1H 220J-T	T	61.1/68.1
C1003	4030006980	S.CER	C1608 CH 1H 070D-T	T	59.3/69.0
C1004	4030007000	S.CER	C1608 CH 1H 090D-T	B	60.7/65.6
RL51	6330000810	REL	ARK115		
J26	6910001040	CON	IPS-1136		
J311	6510026610	CON	26FMN-BTK-A(LF)(SN)		
J313	6510014961	S.CON	B2B-ZR-SM4-TF(LF)(SN)	T	17.2/32.9
W31	8900019910	CAB	OPC-2129		

[MAIN-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
W51	7030012280	JUM RD25T0R0		
W52	7030012280	JUM RD25T0R0		
W243	9024801019	JUM 74/98/020/X98/X98		
W290	7030012290	JUM RDS2T0R0		
EP10	6910000970	BEA DL-2OP 2.6-3-1.2H		
EP12	6910000970	BEA DL-2OP 2.6-3-1.2H		
EP25	6910020400	SHE FERRITE SHEET(AA) (40X15X0.5)		
EP301	6910015970	S.BEA MMZ1608B 301CT-AS	T	57.0/53.7
EP331	6910014640	S.BEA MPZ2012S221A-T	B	12.2/47.7
EP332	6910014640	S.BEA MPZ2012S221A-T	T	12.6/35.7
EP351	6910015970	S.BEA MMZ1608B 301CT-AS	B	66.9/106.6
EP501	6910012350	S.BEA MMZ1608Y 102BT	B	29.3/74.7
EP502	6910012350	S.BEA MMZ1608Y 102BT	B	28.8/73.1
EP505	6910002161	CAS CASE-BM7H-LF		
EP601	6910015970	S.BEA MMZ1608B 301CT-AS	B	48.4/53.1
EP602	6910015970	S.BEA MMZ1608B 301CT-AS	B	48.1/84.8
EP606	6910002161	CAS CASE-BM7H-LF		
EP608	6910002161	CAS CASE-BM7H-LF		
EP651	6910015970	S.BEA MMZ1608B 301CT-AS	B	59.8/48.5
EP701	6910015970	S.BEA MMZ1608B 301CT-AS	B	61.5/54.2
EP702	6910015970	S.BEA MMZ1608B 301CT-AS	B	33.8/54.0
EP901	6910015970	S.BEA MMZ1608B 301CT-AS	T	57.1/72.5
EP931	6910015970	S.BEA MMZ1608B 301CT-AS	T	75.7/76.0
EP961	6910015970	S.BEA MMZ1608B 301CT-AS	T	78.1/68.1
EP991	6910015970	S.BEA MMZ1608B 301CT-AS	T	67.4/67.9

M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

SECTION 6

MECHANICAL PARTS

[CHASSIS PARTS]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
W313*	8970025100	0.8DCOAXIAL100MM B09A/B09A	1
W331	8900017630	OPC-1876	1
W1001	8600037280	EX2356 P1001*P1002CH2	1
W2001	8600037290	EX2356 P2001*P2002CH2	1
W3001	8600037300	EX2356 P3001*P3002CH2	1
J1	6510000330	NR-DS-01 <SSC>	1
MP1	8010018162	2356 CASE-2 RO	1
MP2	8110009980	2356 A-COVER	1
MP3	8930052450	2355 EARTH PLATE	1
MP5	8810008661	PHBT M3 X 8 NI-ZC3	2
MP7	8810008661	PHBT M3 X 8 NI-ZC3	8
MP8	8810008661	PHBT M3 X 8 NI-ZC3	14
MP9*	8810007231	SETSCREWH M3 X 8 ZC3	4
MP11	8930053472	THERMAL SHEET (R)-2 TC200HS (10X10)	1
MP12	8930053931	THERMAL SHEET (S)-1 TC200HS (17X20.5)	1
MP14	8930001181	EARTH SPRING-1 (FX-22)	1
MP15	8930075560	DOUBLE SIDE TAPE (AY) M30	1
MP16	8930054521	SHIELD SPONGE (E)-1	1
MP17	8930054980	FERRITE SHEET (L) 10X35X2	1
MP18	8930054980	FERRITE SHEET (L) 10X35X2	1
MP101	8930054521	SHIELD SPONGE (E)-1	2
MP102	8930082230	SHIELD SPONGE (CQ)	1
MP103	8930082600	SHIELD SPONGE (CT)	1
MP331	8930054470	FERRITE SHEET (I) 20X50X1	1

[RF-C UNIT]

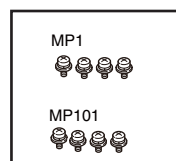
REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1*	6510021251	B12B-ZR-SM4-TF (LF) (SN)	1
J2*	6510019251	B11B-ZR-SM4-TF (LF) (SN)	1
J3*	6510021261	B9B-ZR-SM4-TF (LF) (SN)	1
J11*	6510028210	SJ050010 (TMP-J01X-V6)	1
J12*	6510028210	SJ050010 (TMP-J01X-V6)	1
J101*	6510028210	SJ050010 (TMP-J01X-V6)	1
J601*	6510026630	26FMN-BMTTR-A-TBT (LF) (SN)	1
J602*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
MP121*	8510015900	2590 M-2LO CASE Y697	1
MP151*	8510012400	2177 D/A CASE Y454	1
MP152*	8510012400	2177 D/A CASE Y454	1

[MAIN-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J26*	6910001040	IPS-1136	1
J311*	6510026610	26FMN-BTK-A (LF) (SN)	1
J313*	6510014961	B2B-ZR-SM4-TF (LF) (SN)	1
W3*	8970025090	1.5D 250MM (#2356 MA-B W3)	1
W31*	8900019910	OPC-2129	1
W51*	7030012280	RD25T0R0	1
W52*	7030012280	RD25T0R0	1
W243*	9024801019	74/98/020/X98/X98	1
W290*	7030012290	RDS2T0R0	1
EP10*	6910000970	DL-2OP 2.6-3-1.2H	1
EP12*	6910000970	DL-2OP 2.6-3-1.2H	1
EP25	6910020400	FERRITE SHEET (AA) (40X15X0.5)	1
EP505*	6910002161	CASE-BM7H-LF	1
EP606*	6910002161	CASE-BM7H-LF	1
EP608*	6910002161	CASE-BM7H-LF	1
MP13*	8930063270	2590 EARTH SPRING Y733	1
MP21*	8510013610	2356 PLATE	1
MP22	8930011460	566PA MODULE HOLDER	1
MP23*	8930065741	2590 D-EARTH SPRING-1	1
MP24*	8930054820	FERRITE SHEET (K) 40X10X2	1
MP26	8860000110	EARTH RUG B 3 (M4) AG BS	1
MP31*	8930065741	2590 D-EARTH SPRING-1	1
MP32*	8930001170	EARTH SPRING (A) FX294	1
MP33*	8930072060	SHIELD SPONGE (BU)	4
MP51*	8510013300	2356 SHIELD PLATE Y560	1
MP52*	8510013310	2356 SHIELD COVER Y559	1
MP53*	8930054470	FERRITE SHEET (I) 20X50X1	1
MP54*	8930057931	SHIELD SPONGE (M)-1	1
MP81*	8510012400	2177 D/A CASE Y454	1
MP82*	8930065741	2590 D-EARTH SPRING-1	1
MP83*	8930081340	FERRITE SHEET (AE)	1
MP91*	8510013821	2356 A-SHIELD PLATE-1	1
MP181*	8510012400	2177 D/A CASE Y454	1
MP182*	8510002280	VCO SHIELD PLATE (A) FX 15	1
MP241*	8510013830	2356 B-SHIELD PLATE	1
MP242*	8930030380	FERRITE SHEET (C) 15X8X2	1
MP243*	8510002280	VCO SHIELD PLATE (A) FX 15	1
MP244*	8930054900	2356 EARTH SPRING	1
MP245*	8930054900	2356 EARTH SPRING	1
MP246*	8510002280	VCO SHIELD PLATE (A) FX 15	1
MP247*	8930054980	FERRITE SHEET (L) 10X35X2	1
MP251*	8510010460	1691 MAIN SHIELD PLATE Y295	1
MP281*	8930065741	2590 D-EARTH SPRING-1	1
MP501*	8510013830	2356 B-SHIELD PLATE	1
MP541*	8510013500	2356 VCO CASE	1
MP542*	8930079760	SHIELD SPONGE (CO)	1
MP601*	8510012750	1386 PLL CASE	1
MP602*	8930072650	RUBBER SHEET (BX)	1
MP701*	8510018940	2356 A-VCO CASE	1
MP702*	8930065741	2590 D-EARTH SPRING-1	1
MP703*	8510013830	2356 B-SHIELD PLATE	1
MP705*	8930073170	SPONGE (JQ)	1
MP706*	8930065741	2590 D-EARTH SPRING-1	1
MP707*	8930077670	SPONGE (KI)	1
MP708*	8930070300	SPONGE (JD)	1
MP709*	8930073170	SPONGE (JQ)	1
MP710*	8930078630	FERRITE SHEET (AB) 7X10	1

[ACCESSORIES]

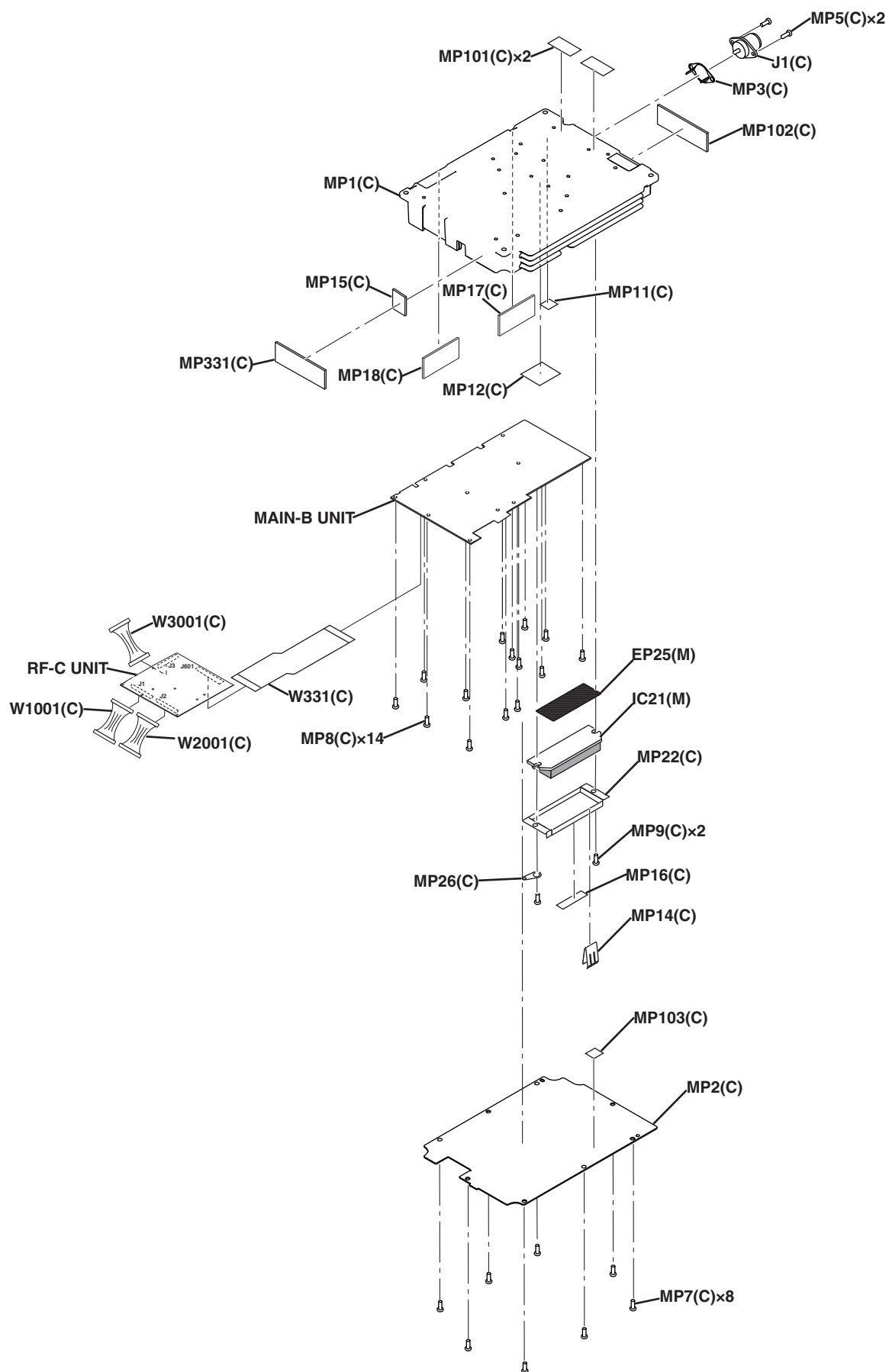
REF NO.	ORDER NO.	DESCRIPTION	QTY.
MP1	8810003381	SETSCREWC M3 X10 ZC3	4
MP101	8810003381	SETSCREWC M3 X10 ZC3	4



*: Refer to “BOARD LAYOUTS” for the location.

** : Refer to “GENERAL WIRING” for the connection

Screw abbreviations A, B0, BT: Self-tapping PH: Pan head ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless



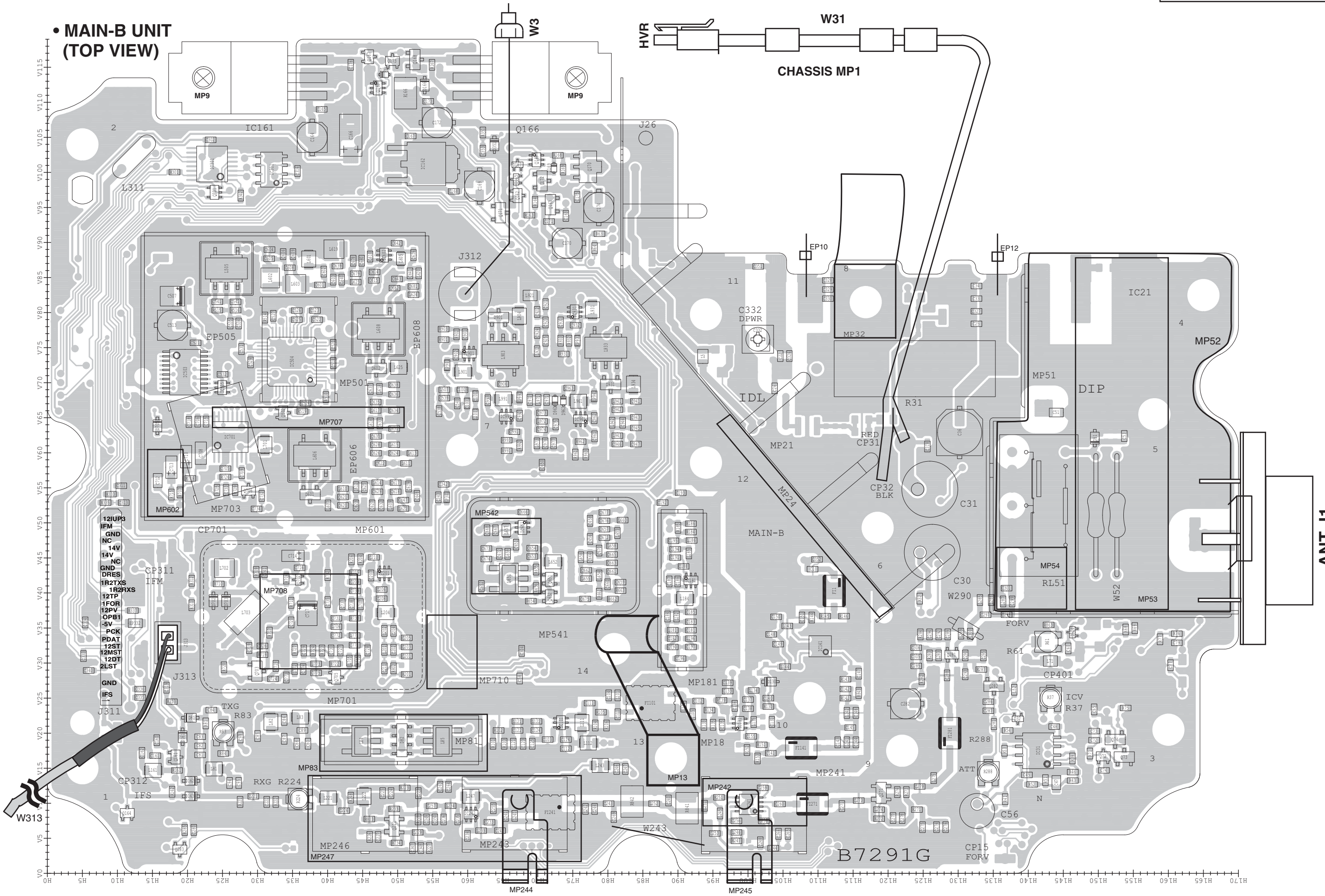
UNIT ABBREVIATIONS
(C): CHASSIS PARTS
(M): MAIN-B UNIT

SECTION 7 BOARD LAYOUTS

SECTION 7 BOARD LAYOUTS

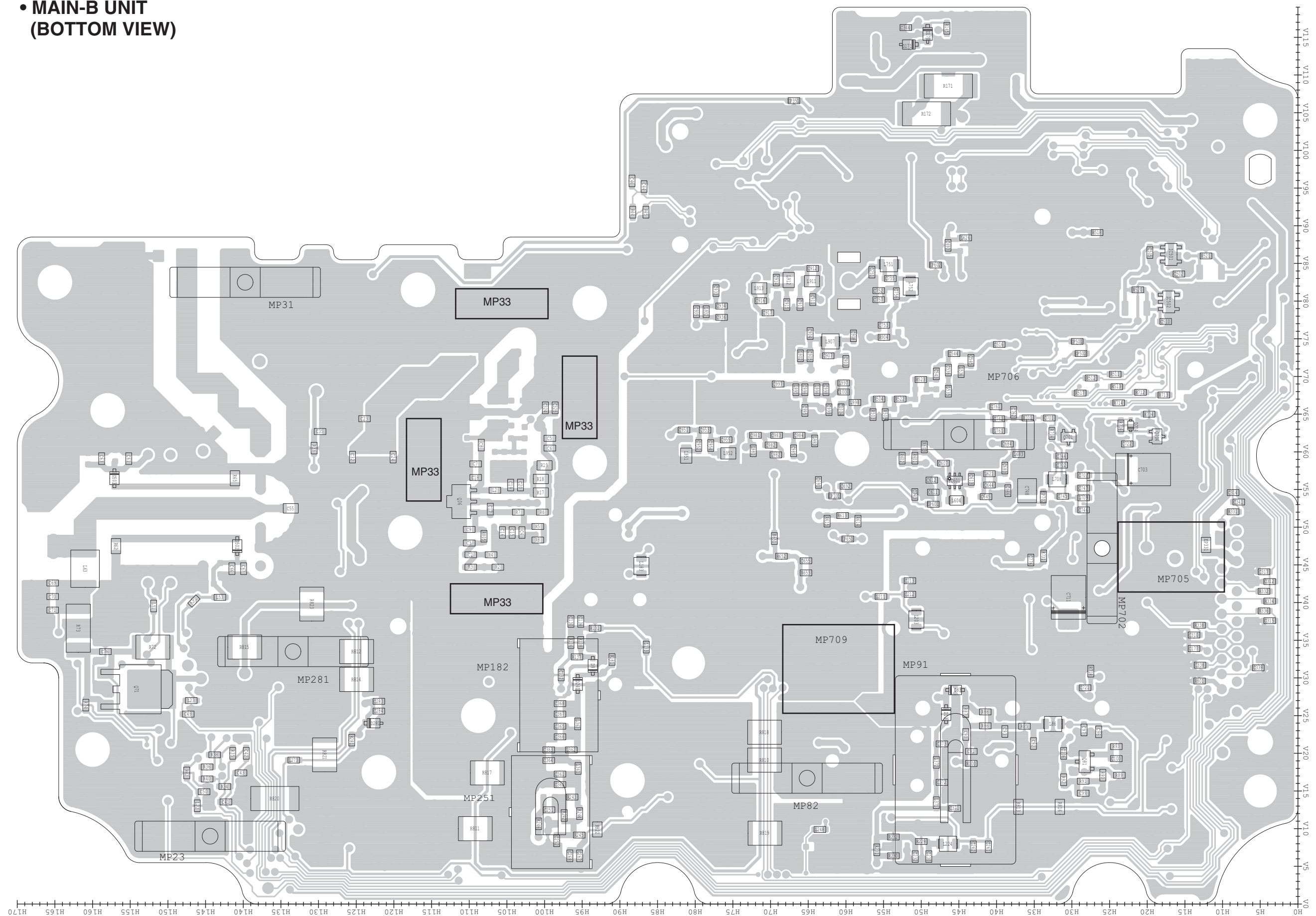
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• MAIN-B UNIT
(TOP VIEW)

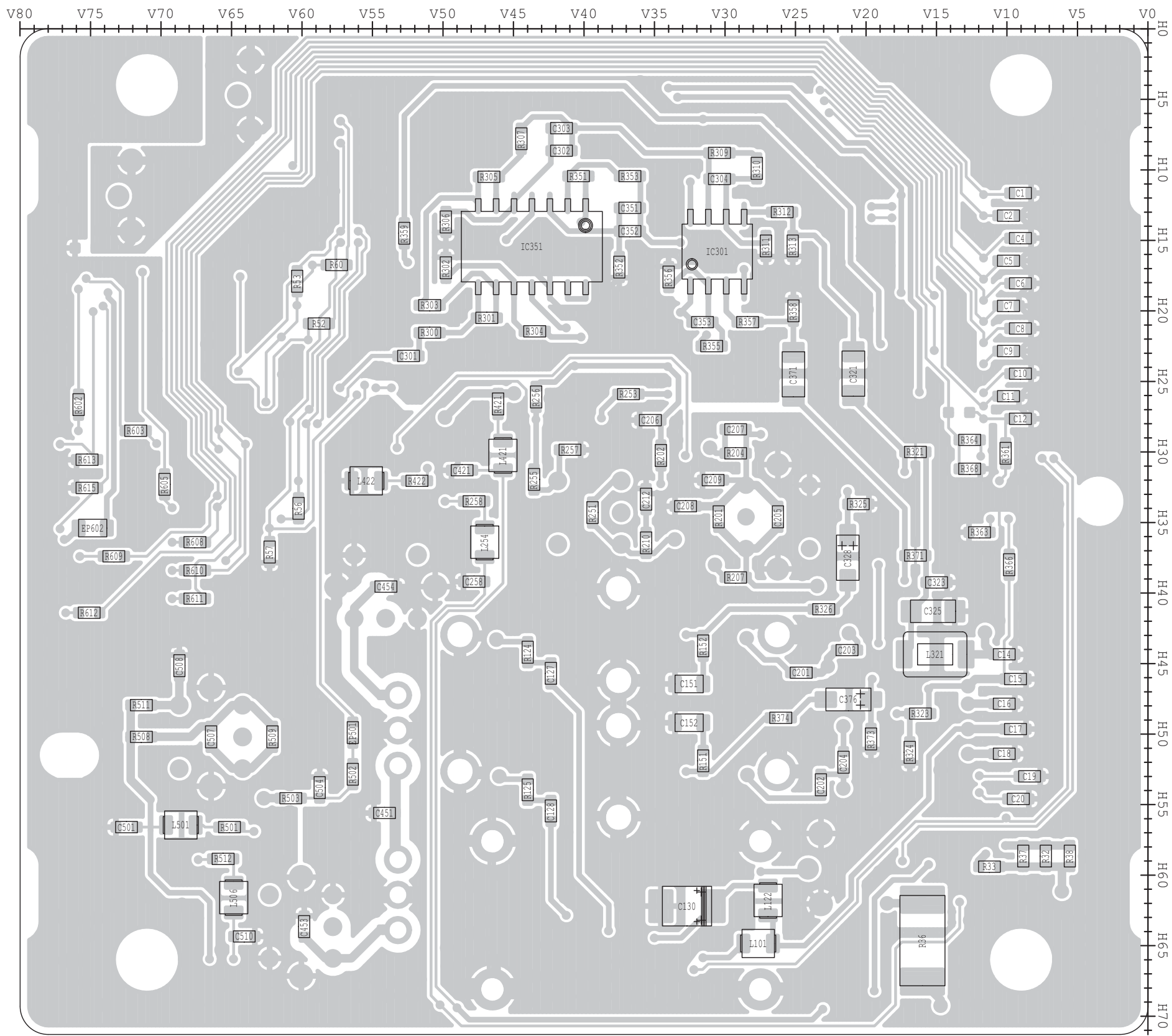


The combination of this page and next page shows the top side and bottom side of actual P.C. board.

- **MAIN-B UNIT
(BOTTOM VIEW)**

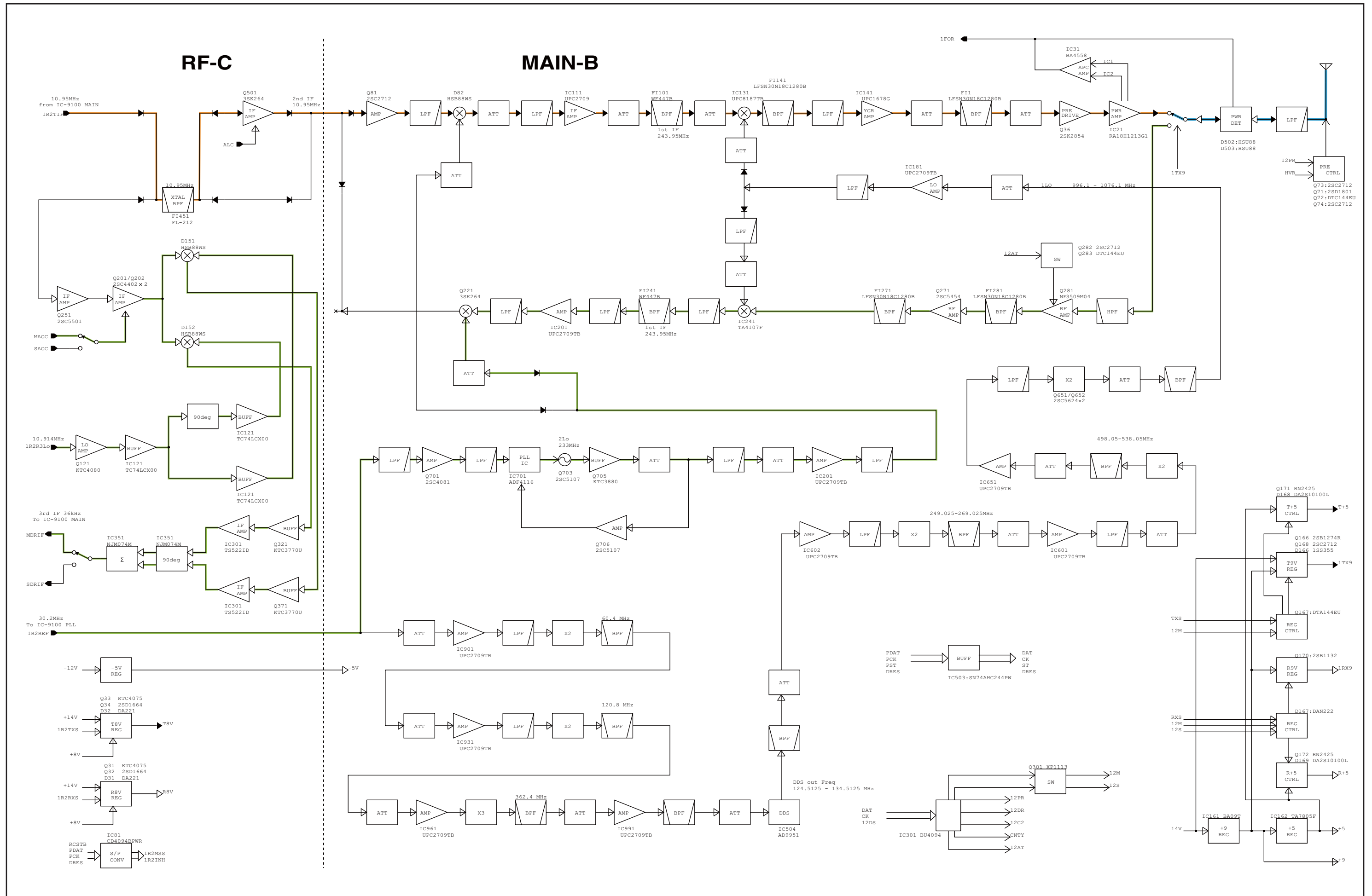


• RF-C UNIT
(BOTTOM VIEW)



SECTION 8

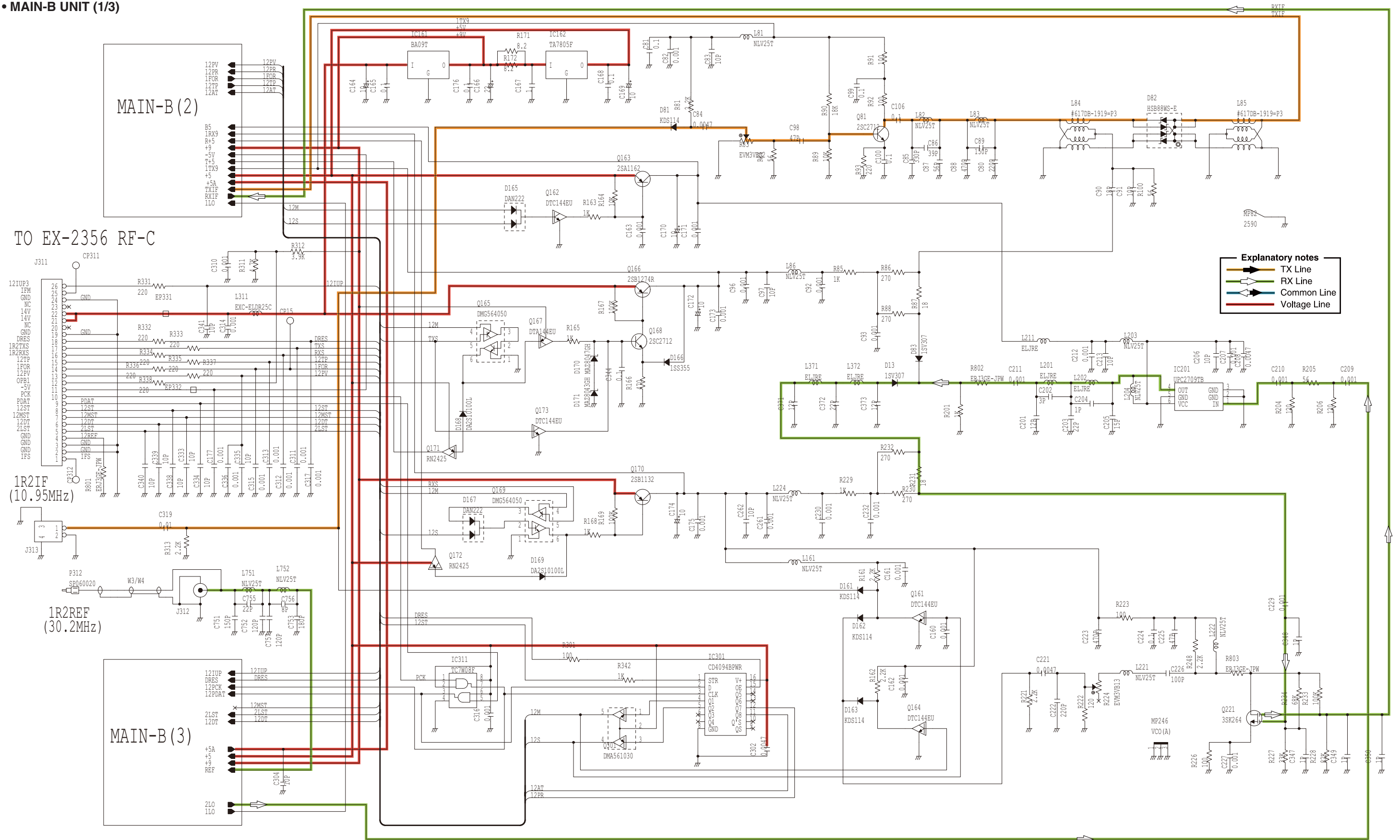
BLOCK DIAGRAM



SECTION 9

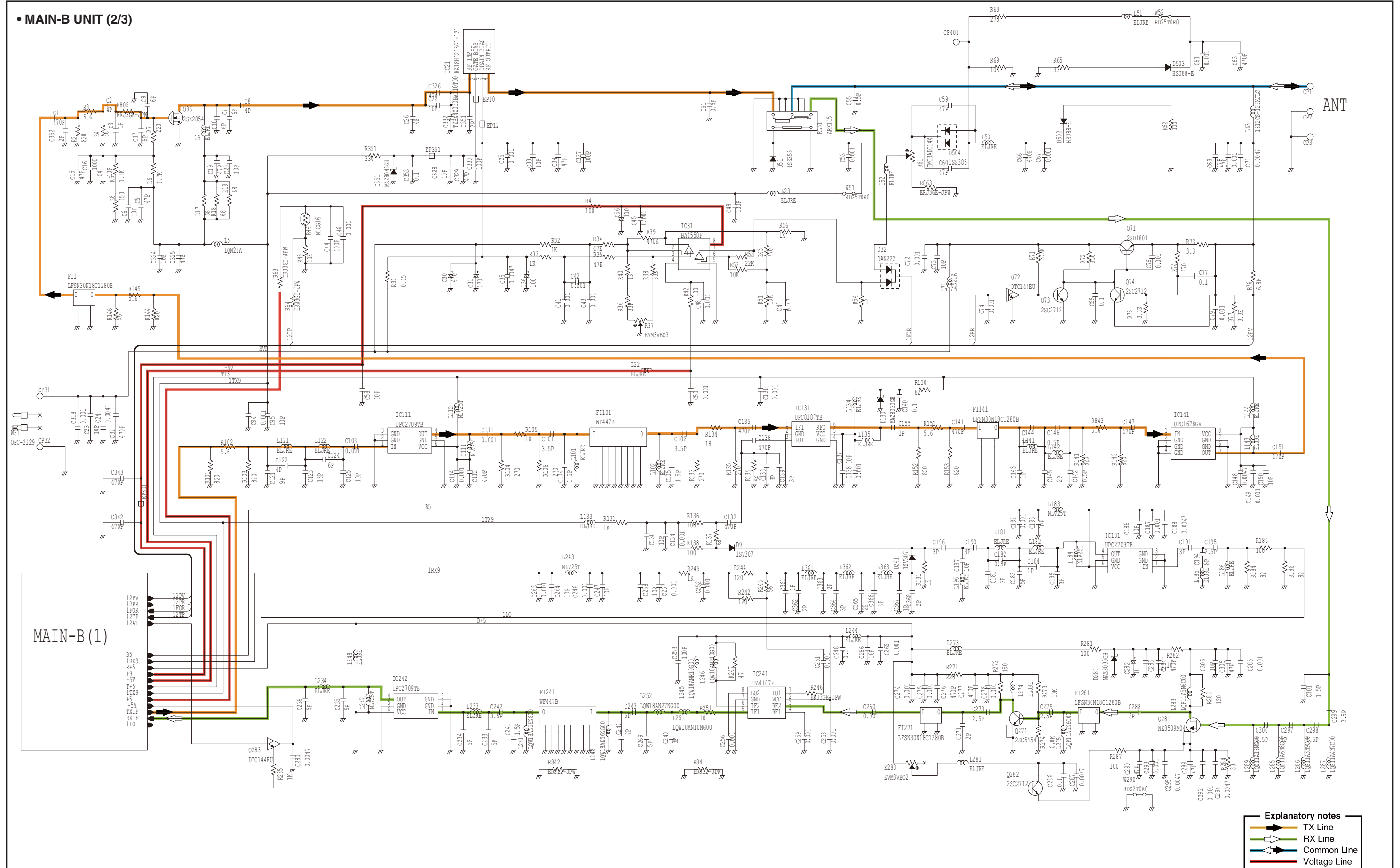
VOLTAGE DIAGRAM

• MAIN-B UNIT (1/3)



*: Refer to the PARTS LIST for the value and name of component.

- **MAIN-B UNIT (2/3)**

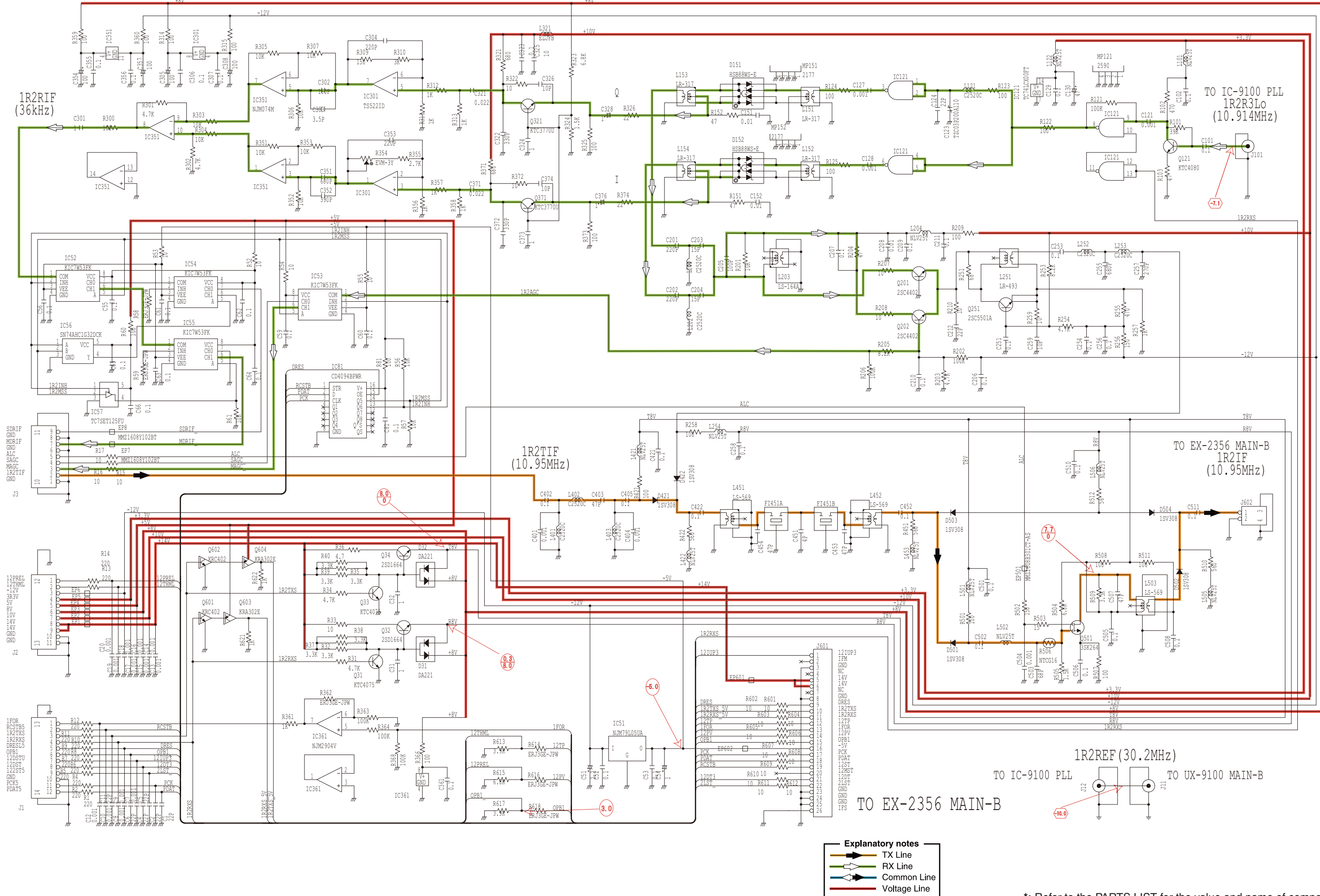


*: Refer to the PARTS LIST for the value and name of component.

R521
ERJ3GE-JPW



- RF-C UNIT



*: Refer to the PARTS LIST for the value and name of component.

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