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SERVICE MANUAL ADDENDUM

IC-R8500

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[VERSION LIST]

Model	Version
IC-R8500	OTH-03
	EUR-02
	CHN-01

SECTION 1 SPECIFICATIONS

■ General

• Frequency coverage :

Version	Frequency Coverage (MHz)
U.S.A.	0.10000 – 823.99999 849.00001 – 868.99999 894.00001 – 1999.99999*
Europe, China, Other	0.10000 – 1999.99999*
France	0.10000 – 87.50000 108.00000 – 1999.99999*

*Specifications guaranteed 0.1–1000 MHz and 1240–1300 MHz

• Mode : FM (normal/narrow), AM (wide/normal/narrow), SSB (USB/LSB) CW (normal/narrow*), WFM
*Optional FL-52A is required.

• Number of memory channels : 1000 (plus 20 scan edges and 1 priority channel)

• Antenna connector : Below 30 MHz SO-239 (50 Ω)/Phono (500 Ω)
Above 30 MHz Type-N (50 Ω)

• Usable temperature range : –10°C to +50°C (+14°F to +122°F)

• Frequency stability : Below 30 MHz ±100 Hz (±20 Hz*)
Above 30 MHz ± 0.0003 % (±0.00006%*)
*When an optional CR-293 is installed.

• Power supply requirement : 13.8 V DC ±15% (negative ground)

• Current drain (at 13.8 V DC) : Standby 1.8 A Max. audio 2.0 A

• Dimensions (projections not included) : 287(W) × 112(H) × 309(D) mm; $11\frac{5}{16}$(W) × $4\frac{13}{32}$(H) × $12\frac{3}{16}$(D) in

• Weight (approx.) : 7.0 kg (15.4 lb)

• Intermediate frequencies :

Frequency band	1st	2nd	3rd*
0.1– 29.99999	48.8	10.7	0.455
30.0– 499.99999	778.7	10.7	0.455
500.0– 1024.99999	266.7	10.7	0.455
1025.0– 1999.99999	Utilizes converter method: Local freq.: 500, 1000 or 1010 MHz		

Unit: MHz

*Except WFM

■ Receiver

• Receive system : Superheterodyne

• Sensitivity :

Frequency band (MHz)	SSB/CW	AM	AM-N	AM-W	FM	WFM
0.1–0.49999	1.0 µV	6.3 µV	—	—	—	—
0.5–1.79999	2.0 µV	13.0 µV	—	—	—	—
1.8–1.99999	0.25 µV	3.2 µV	2.5 µV	—	—	—
2.0–27.99999	0.2 µV	2.5 µV	2.0 µV	—	—	—
28.0–29.99999	0.2 µV	2.5 µV	2.0 µV	—	0.5 µV	—
30.0–999.99999	0.32 µV	2.5 µV	2.0 µV	3.2 µV	0.5 µV	1.4 µV
1240.0–1300.00000	0.32 µV	2.5 µV	2.0 µV	3.2 µV	0.5 µV	2.0 µV

• Squelch sensitivity :

Frequency band (MHz)	SSB/CW/AM-N		AM/AM-W		FM		WFM	
	threshold	tight	threshold	tight	threshold	tight	threshold	tight
1.8–29.99999	10 µV	320 mV	0.5 µV	320 mV	0.5 µV*	320 mV*	—	—
30–1000 1240–1300	4.5 µV	320 mV	0.4 µV	320 mV	0.4 µV	320 mV	4.5 µV	320 mV

*FM mode can only be used above 28 MHz.

• Selectivity : WFM More than 150 kHz/–6 dB
FM/AM-W More than 12 kHz/–6 dB
FM-N/AM More than 5.5 kHz/–6 dB
AM-N/SSB/CW More than 2.2 kHz/–6 dB
CW narrow* More than 500 Hz/–6 dB
*Optional FL-52A is required.

• Spurious and image rejection ratio : Below 30 MHz More than 60 dB
30–1000 MHz 50 dB (typical)
1240–1300 MHz

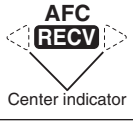
• Audio output power : More than 2.0 W at 10% distortion with an 8 Ω load

• IF shift variable range : More than ±1.2 kHz

• External speaker connector : 2-conductor 3.5 mm ($\frac{1}{8}$")/4–8 Ω

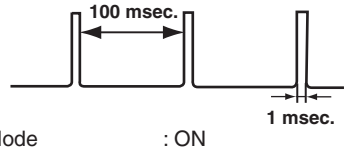
All specifications are subject to change without notice or obligation.

5-3 RECEIVER ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITIONS	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
PIN ATT	1	• Frequency : 14.10000 MHz • Mode : USB • Receiving	RF-C	Connect a digital multimeter to CP1.	1.7 V	RF-C	R63
HF SENSITIVITY	1	• Frequency : 14.09850 MHz • Mode : USB • [10dB] : ON • [AGC] : Fast • Connect an SSG to the antenna connector for 0.1–30 MHz (50 Ω ANT) and set as; Frequency : 14.10000 MHz Level* : 0.56 µV (–112 dBm) Modulation : OFF • Receiving	Rear panel	Connect an AC voltmeter to the [EXT SP] with an 8 Ω load.	Maximum output level		Adjust in sequence L65, L66, L63, L62 repeatedly
	2	• Set the SSG as; Level : OFF • Receiving			Minimum output level		R77
1ST MIXER BIAS VOLTAGE	1	• Frequency : 173.00000 MHz • Disconnect J4. • Receiving	RF-D	Connect a digital multimeter to both sides of R91.	0.2 V	RF-D	R109
HPF SHIFT VOLTAGE	1	• Frequency : 1300.00000 MHz • Mode : FM • Receiving	CONV-B	Connect a digital multimeter to CP2.	14.5 V	CONV-B	R55
	2	• Frequency : 1100.00000 MHz • Receiving			2.0–4.0 V		Verify
NOTE: Before adjusting WFM SENSITIVITY, 5-4 RF-C BPF TUNED VOLTAGE must be adjusted.							
SENSITIVITY (WFM)	1	• Frequency : 173.02000 MHz • Mode : WFM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level* : 3.2 µV (–97 dBm) Modulation : 1 kHz Deviation : ±75 kHz • Receiving	MAIN-A	Connect a digital multimeter to CP4.	Minimum level (Note the voltage as the reference)	MAIN-A	Adjust in sequence L7, L8, L9, L10 repeatedly
(FM)	2	• Frequency : 173.02000 MHz • Mode : FM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level* : 3.2 µV (–97 dBm) Modulation : 1 kHz Deviation : ±5 kHz • Receiving	Front panel	S-meter	Maximum level	MAIN-A	Adjust in sequence L14, L17, L22, L25, L26 repeatedly
	3	• Set the SSG as; Level* : 32 µV (–77 dBm) Modulation : None	MAIN-A	Connect a digital multimeter to CP5.	The same voltage on " SENSITIVITY (WFM)."	MAIN-A	R60
	4	• Set the SSG as; Level : OFF	Front panel		The center indicator disappears.  Center indicator		
1ST IF NOTCH	1	• Frequency : 788.60000 MHz • Mode : FM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 810.00000 MHz Level* : 32 mV (–17 dBm) Modulation : 1 kHz Deviation : ±75 kHz • Receiving	Front panel	S-meter	Maximum level	MIX-A	L15

*; This output level of the SSG is indicated as SSG's terminated circuit.

RECEIVER ADJUSTMENT (continued)

ADJUSTMENT		ADJUSTMENT CONDITIONS	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
HF TOTAL GAIN	1	• Frequency : 14.09850 MHz • Mode : USB • Connect an SSG to the anntena connector for 0.1–30 MHz (50 Ω ANT) and set as; Frequency : 14.10000 MHz Level* : 1 mV (–47 dBm) Modulation : OFF • Receiving	Rear panel	Connect an AC millivoltmeter to the [EXP SP] jack with an 8 Ω load.	1.5 kHz audio signal	Front panel	[DIAL]
					1.0 V (0 dB)		[AF GAIN]
	2	• Set the SSG as; Level : OFF			100 mV (–20 dB)	MAIN-A	R139
VHF/UHF TOTAL GAIN	1	• Frequency : 173.0185 MHz • Mode : USB • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level* : 1 mV (–47 dBm) Modulation : OFF • Receiving	Rear panel	Connect an AC millivoltmeter to the [EXT SP] with an 8 Ω load.	1.5 kHz audio signal	Front panel	[DIAL]
					1.0 V (0 dB)		[AF GAIN]
	2	• Set the SSG as; Level : OFF			100 mV (–20dB)	MAIN-A	R504
NOISE BLANKER	1	• Frequency : 173.00000 MHz • Mode : USB • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Level* : 5.6 µV (–92 dBm) and apply the following signal to the anntena connector.  • Mode : ON • Receiving	Rear panel	Connect an oscilloscope to the [EXT SP] with an 8 Ω load.	Minimum noise level	MAIN-A	L18, L21
CENTER STOP	1	• Frequency : 173.02000 MHz • Mode : FM • Tunig step : 100 Hz • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level* : 32 µV (–77 dBm) Modulation : OFF • Receiving	MAIN-A	Connect an oscilloscope to CP3.	At the point where the voltage just becomes 0 V for equidistant values both above and below the displayed freqency.	MAIN-A	R233
AM CENTER	1	• Frequency : 173.01870 MHz and 173.01890 MHz • Mode : AM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level* : 32 µV (–77 dBm) Modulation : OFF • Receiving	MAIN-A	Connect an oscilloscope to CP3.	At the point where the voltage just becomes 0 V at 173.01870 MHz and 5 V at 173.01890 MHz.	MAIN-A	R447

*; This output level of the SSG is indicated as SSG's terminated circuit.

PARTS LIST

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1130007700	S.IC	BU4094BCF-E2	T	70/53.8
IC2	1130007700	S.IC	BU4094BCF-E2	T	85.6/53.8
IC3	1140007881	S.IC	TC190G08EFG0046JDZ/ SC1246A	T	74.1/89.9
IC4	1130003831	S.IC	TC7S04F(TE85R,F)	T	90.2/98.6
IC5	1140006720	S.IC	LMX2316TMX/NOPB	T	133.6/98.5
IC6	1110003310	S.IC	UPC1688G-T1	T	218.9/89.2
IC7	1130003831	S.IC	TC7S04F(TE85R,F)	T	57.8/91.5
IC8	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	99.5/32.6
IC9	1110004080	S.IC	UPC2709T-E3	T	213.9/81.4
IC10	1140006720	S.IC	LMX2316TMX/NOPB	T	126/27.5
IC11	1120002820	S.IC	SN74LS90NSR	T	74.4/32.2
IC12	1110003310	S.IC	UPC1688G-T1	T	142.1/30.2
IC13	1140014960	S.IC	TC190G02EFG-0058/SC1287A	T	21.5/81
IC15	1140014960	S.IC	TC190G02EFG-0058/SC1287A	T	27.4/48.3
IC16	1180001072	S.IC	TA7805F(TE16L1,NQ)	T	218.7/10.5
IC17	1180001521	S.IC	MC7808CD2TR4G	T	221.5/29.5
IC18	1130003831	S.IC	TC7S04F(TE85R,F)	T	38.9/51.2
IC19	1130003831	S.IC	TC7S04F(TE85R,F)	T	24/69.4
IC20	1140003831	S.IC	TC4W66F(TE12L,F)	T	133.3/75.6
IC21	1130003831	S.IC	TC7S04F(TE85R,F)	T	55.6/37.4
IC22	1110004460	S.IC	UPB1509GV-E1	T	232.2/66.8
IC23	1110004460	S.IC	UPB1509GV-E1	T	163.7/11
IC24	1180001072	S.IC	TA7805F(TE16L1,NQ)	T	231.9/19.3
Q2	1560000331	S.FET	2SK210-GR(TE85R,F)	T	112.5/83.6
Q3	1530002060	S.TRA	2SC4081 T106 R	T	117/85.1
Q7	1590000430	S.TRA	DTC144EUA T106	T	89/62.4
Q8	1590000430	S.TRA	DTC144EUA T106	T	75.2/45.2
Q9	1590000720	S.TRA	DTA144EUA T106	T	75.2/42.6
Q10	1590001001	S.TRA	RN2427(TE85L,F)	T	168.7/41.2
Q11	1590000680	S.TRA	DTC114EUA T106	T	166.8/44
Q12	1590001001	S.TRA	RN2427(TE85L,F)	T	181.2/41.1
Q13	1590000720	S.TRA	DTA144EUA T106	T	84.6/46
Q14	1560000401	S.FET	2SK536-TB-E	T	114.6/26.8
Q15	1530002051	S.TRA	2SC3661-TB-E	T	107.9/25.1
Q21	1590000430	S.TRA	DTC144EUA T106	T	88.2/40.1
Q22	1590000720	S.TRA	DTA144EUA T106	T	85.6/39.4
Q24	1590000430	S.TRA	DTC144EUA T106	T	87.4/45.2
Q25	1590000720	S.TRA	DTA144EUA T106	T	87.2/42.6
Q28	1530002060	S.TRA	2SC4081 T106 R	T	18.1/94.1
Q31	1530002060	S.TRA	2SC4081 T106 R	T	14.5/44.8
Q32	1510000510	S.TRA	2SA1576A T106R	T	133.2/80.5
Q33	1530002060	S.TRA	2SC4081 T106 R	T	125.6/81
Q34	1530002051	S.TRA	2SC3661-TB-E	T	7/14.4
Q36	1590000680	S.TRA	DTC114EUA T106	T	179.2/44.1
Q37	1590000430	S.TRA	DTC144EUA T106	T	81.6/46.2
Q38	1510000510	S.TRA	2SA1576A T106R	T	130.6/79.6
Q39	1530002060	S.TRA	2SC4081 T106 R	T	125.6/78.5
Q40	1590000720	S.TRA	DTA144EUA T106	T	140.9/71.1
Q41	1590000680	S.TRA	DTC114EUA T106	T	140.9/68.1
Q42	1530002060	S.TRA	2SC4081 T106 R	T	133.1/83.5
Q43	1510000510	S.TRA	2SA1576A T106R	T	125.9/83.6
Q44	1510000510	S.TRA	2SA1576A T106R	T	105.9/98.4
Q45	1530002060	S.TRA	2SC4081 T106 R	T	102.1/99.9
Q46	1590000430	S.TRA	DTC144EUA T106	T	197.4/44.8
Q47	1590001021	S.TRA	RN2424(TE85R,F)	T	201/43.8
Q48	1530002060	S.TRA	2SC4081 T106 R	T	230.8/73.5
Q49	1590000430	S.TRA	DTC144EUA T106	T	155.8/35.4
Q50	1590001021	S.TRA	RN2424(TE85R,F)	T	152.8/34.4
Q51	1530002060	S.TRA	2SC4081 T106 R	T	170.1/12.7
Q52	1590000430	S.TRA	DTC144EUA T106	T	186.2/33.8
Q53	1590000720	S.TRA	DTA144EUA T106	T	189.2/33.8
Q54	1590000430	S.TRA	DTC144EUA T106	T	186.2/36.4
Q55	1590000720	S.TRA	DTA144EUA T106	T	189.2/36.4
D1	1790000540	S.VAR	MA338(TX)	T	102.5/80.3
D2	1790000540	S.VAR	MA338(TX)	T	104.6/80.3
D4	1750000111	S.DIO	1SS272(TE85R,F)	T	78.7/41
D5	1750000111	S.DIO	1SS272(TE85R,F)	T	175.1/42.1
D6	1750000111	S.DIO	1SS272(TE85R,F)	T	187.4/42.1
D7	1750000211	S.DIO	1SV237(TE85R,F)	T	219.8/76.4
D8	1750000111	S.DIO	1SS272(TE85R,F)	T	108.5/21.3
D17	1750000211	S.DIO	1SV237(TE85R,F)	T	141.3/22.7
D18	1750000211	S.DIO	1SV237(TE85R,F)	T	134.1/9.3
D19	1750000211	S.DIO	1SV237(TE85R,F)	T	117.7/10.5
D20	1730002421	S.ZEN	MAZ8160GHL	T	11.1/17.8
D23	1750000111	S.DIO	1SS272(TE85R,F)	T	165.1/41.2
D25	1750000211	S.DIO	1SV237(TE85R,F)	T	215.8/75.4
D26	1750000211	S.DIO	1SV237(TE85R,F)	T	216.1/52.4
D27	1750000550	S.DIO	1SS355 TE-17	T	72.4/23.6
FI1	2020002000	CER	SFSRA6M50CF00-B0		
X1	6050011950	XTA	CR-452. TCXO 30.200 MHz		
L1	6200001831	S.COI	NLV32T-100J	T	61.8/54.8
L2	6200003950	S.COI	HF50ACC 322513-T	T	62/81.3

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L4	6200001831	S.COI	NLV32T-100J	T	86.3/99
L5	6200003261	S.COI	NLV32T-101J	T	102.5/84.8
L6	6180003510	COI	SP0406-6R8K-6		
L7	6200003261	S.COI	NLV32T-101J	T	113.7/97.9
L8	6200001831	S.COI	NLV32T-100J	T	117.8/79.5
L10	6200003331	S.COI	NLV32T-1R0J	T	116.7/90.9
L11	6200003331	S.COI	NLV32T-1R0J	T	117.5/94.5
L12	6200003261	S.COI	NLV32T-101J	T	128.8/89
L13	6200003261	S.COI	NLV32T-101J	T	138.6/91.8
L14	6200003331	S.COI	NLV32T-1R0J	T	204.1/48.9
L17	6200003261	S.COI	NLV32T-101J	T	6.6/11.3
L18	6200003331	S.COI	NLV32T-1R0J	T	77.8/48.5
L19	6200001831	S.COI	NLV32T-100J	T	61.1/92.3
L20	6200005501	S.COI	NLV32T-471J	T	172/41.6
L21	6200005501	S.COI	NLV32T-471J	T	184.3/41.6
L22	6200003331	S.COI	NLV32T-1R0J	T	131.6/17.4
L23	6200003331	S.COI	NLV32T-1R0J	T	198.6/52.6
L24	6200003331	S.COI	NLV32T-1R0J	T	204.1/51.9
L25	6200003021	S.COI	NLV32T-R33J	T	217.2/80.9
L26	6200005341	S.COI	LL1608-FSL8N2J	T	212.2/69.3
L27	6200012040	S.COI	LL1608-FSL5N6S	T	212.2/66.6
L28	6200012040	S.COI	LL1608-FSL5N6S	T	212.2/63.9
L29	6200005301	S.COI	LL1608-FSL3N9S	T	214.8/61.2
L30	6200005311	S.COI	LL1608-FSL4N7S	T	214.8/58.5
L31	6200012040	S.COI	LL1608-FSL5N6S	T	214.8/55.8
L32	6200003261	S.COI	NLV32T-101J	T	115.5/32.9
L33	6200003261	S.COI	NLV32T-101J	T	134.5/27.3
L37	6200001831	S.COI	NLV32T-100J	T	68.4/31.6
L40	6200003331	S.COI	NLV32T-1R0J	T	138.4/28.6
L41	6200003331	S.COI	NLV32T-1R0J	T	114/13.6
L42	6200005401	S.COI	LL1608-FSL27NJ	T	126/11
L43	6200005411	S.COI	LL1608-FSL33NJ	T	124.1/11.5
L44	6200005411	S.COI	LL1608-FSL33NJ	T	121.4/12.4
L45	6200003331	S.COI	NLV32T-1R0J	T	114.2/6.3
L46	6200005351	S.COI	LL1608-FSL10NJ	T	123.1/7.1
L47	6200005361	S.COI	LL1608-FSL12NJ	T	120.4/7.1
L48	6200001831	S.COI	NLV32T-100J	T	69.3/24.6
L49	6200009300	S.COI	ELJPA 100KF 10U	T	12.8/70.9
L50	6200003331	S.COI	NLV32T-1R0J	T	12/94.2
L51	6200003151	S.COI	NLV32T-180J	T	29.9/95.2
L52	6200003151	S.COI	NLV32T-180J	T	23.8/95.8
L60	6200003261	S.COI	NLV32T-101J	T	38.9/47.4
L61	6200009300	S.COI	ELJPA 100KF 10U	T	37.5/39.1
L62	6200001711	S.COI	NLV32T-220J	T	14.4/38.7
L63	6200005501	S.COI	NLV32T-471J	T	11.8/56.6
L64	6200005501	S.COI	NLV32T-471J	T	12.7/50.5
L66	6200003261	S.COI	NLV32T-101J	T	75.2/22.5
L70	6200003331	S.COI	NLV32T-1R0J	T	150.2/40.8
L72	6200003331	S.COI	NLV32T-1R0J	T	81.8/32.2
L73	6200005361	S.COI	LL1608-FSL12NJ	T	215.4/94.1
L74	6200005351	S.COI	LL1608-FSL10NJ	T	216/96.7
L75	6200005361	S.COI	LL1608-FSL12NJ	T	218.7/96.7
L77	6200005361	S.COI	LL1608-FSL12NJ	T	124.9/7.2
L78	6200003331	S.COI	NLV32T-1R0J	T	14.6/90.7
L79	6200003151	S.COI	NLV32T-180J	T	17.9/41.3
L80	6200003151	S.COI	NLV32T-180J	T	38.2/96.5
L81	6200003141	S.COI	NLV32T-150J	T	34.7/96.1
L82	6200003261	S.COI	NLV32T-101J	T	20.8/69.3
L83	6200003031	S.COI	NLV32T-R47J	T	136.9/62.4
L84	6200003031	S.COI	NLV32T-R47J	T	131.5/62.4
L85	6200005491	S.COI	NLV32T-331J	T	18.8/63.5
L86	6200005501	S.COI	NLV32T-471J	T	15.3/64.1
L87	6200003251	S.COI	NLV32T-R39J	T	76.7/19.2
L88	6200003261	S.COI	NLV32T-101J	T	55/40.8
L89	6200003261	S.COI	NLV32T-101J	T	110.6/99.6
L90	6200003261	S.COI	NLV32T-101J	T	143.9/68
L91	6200003261	S.COI	NLV32T-101J	T	204.1/45.9
L92	6200003261	S.COI	NLV32T-101J	T	198.6/48.3
L93	6200005361	S.COI	LL1608-FSL12NJ	T	219.6/69.3
L94	6200005351	S.COI	LL1608-FSL10NJ	T	219.6/66.6
L95	6200005341	S.COI	LL1608-FSL8N2J	T	219.6/63.9
L96	6200006040	S.COI	LQP18MN5N6C02D	T	217/61.2
L97	6200005331	S.COI	LL1608-FSL6N8J	T	217/58.5
L98	6200006060	S.COI	LQP18MN8N2C02D	T	217/55.8
L99	6200003431	S.COI	NLV32T-R10J	T	232.7/78.7
L100	6200006160	S.COI	LQP21MN68NG01L (LQP21A 68NG00)	T	231.9/82.3
L101	6200003431	S.COI	NLV32T-R10J	T	232.4/85.6
L102	6200003331	S.COI	NLV32T-1R0J	T	234.4/56.8
L103	6200003261	S.COI	NLV32T-101J	T	227.6/58.1
L104	6200003261	S.COI	NLV32T-101J	T	154.7/15.9
L105	6200003011	S.COI	NLV32T-R27J	T	175.3/10.8
L106	6200003011	S.COI	NLV32T-R27J	T	178.8/11.7
L107	6200003001	S.COI	NLV32T-R22J	T	182.5/11.1
L108	6200003331	S.COI	NLV32T-1R0J	T	153.4/9.1
L109	6200005411	S.COI	LL1608-FSL33NJ	T	128.6/14.2
L110	6200005401	S.COI	LL1608-FSL27NJ	T	125.9/14.2
L111	6200005351	S.COI	LL1608-FSL10NJ	T	130.1/6.5
L112	6200005341	S.COI	LL1608-FSL8N2J	T	128.2/5.8
L113	6200003261	S.COI	NLV32T-101J	T	138.5/87.4
R1	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	66.8/60

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

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R2	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	69.4/60
R3	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	72/60
R4	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	74.6/60
R5	7030003860	S.RES ERJ3GE JPW V	T	81.6/36.9
R6	7030003860	S.RES ERJ3GE JPW V	T	132.1/26.5
R7	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	121.6/32.1
R8	7030003860	S.RES ERJ3GE JPW V	T	122.5/29.9
R9	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	87.2/49.3
R10	7030007230	S.RES ERA3YED 102V (1K)	T	65.8/69.4
R11	7030007230	S.RES ERA3YED 102V (1K)	T	69.7/68.2
R12	7030007230	S.RES ERA3YED 102V (1K)	T	69.6/69.5
R13	7030007230	S.RES ERA3YED 102V (1K)	T	72.4/68.2
R14	7030007230	S.RES ERA3YED 102V (1K)	T	72.4/69.5
R15	7030007230	S.RES ERA3YED 102V (1K)	T	75.1/68.2
R16	7030007210	S.RES ERA3YEB 102V (1K)	T	75.1/69.5
R17	7030007210	S.RES ERA3YEB 102V (1K)	T	77.8/68.2
R18	7030007210	S.RES ERA3YEB 102V (1K)	T	77.8/69.5
R19	7030007210	S.RES ERA3YEB 102V (1K)	T	80.5/68.2
R20	7030007210	S.RES ERA3YEB 102V (1K)	T	80.5/69.5
R21	7030007220	S.RES ERA3YED 202V (2K)	T	63.1/69.5
R22	7030007220	S.RES ERA3YED 202V (2K)	T	63.9/71.4
R23	7030007220	S.RES ERA3YED 202V (2K)	T	67.5/70.7
R24	7030007220	S.RES ERA3YED 202V (2K)	T	69.4/71.4
R25	7030007220	S.RES ERA3YED 202V (2K)	T	70.7/71.4
R26	7030007220	S.RES ERA3YED 202V (2K)	T	72/71.4
R27	7030007220	S.RES ERA3YED 202V (2K)	T	73.3/71.4
R28	7030007220	S.RES ERA3YED 202V (2K)	T	74.6/71.4
R29	7030007200	S.RES ERA3YEB 202V (2K)	T	75.9/71.4
R30	7030007200	S.RES ERA3YEB 202V (2K)	T	77.2/71.4
R31	7030007200	S.RES ERA3YEB 202V (2K)	T	78.5/71.4
R32	7030007200	S.RES ERA3YEB 202V (2K)	T	79.8/71.4
R33	7030007200	S.RES ERA3YEB 202V (2K)	T	81.1/71.4
R34	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	84.9/91.5
R35	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	75.1/99.4
R36	7030003860	S.RES ERJ3GE JPW V	T	129.4/100.6
R37	7030003860	S.RES ERJ3GE JPW V	T	136.2/94.1
R38	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	129.3/92.2
R39	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	129.3/93.5
R40	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	129.3/94.8
R41	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	90.7/88.6
R42	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	90.4/101
R43	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	103.8/95.8
R44	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	103.8/92.9
R45	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	113.3/86.6
R46	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	112.1/86.5
R47	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	112.1/79
R48	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	115.7/79
R49	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	113.7/88.8
R50	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	115.1/85.2
R51	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	118.9/88.6
R52	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	119.4/84.1
R53	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	121.6/33.4
R54	7030003290	S.RES ERJ3GEYJ 560 V (56)	T	119.1/100.4
R55	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	121.6/34.7
R57	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	126/89.1
R58	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	130.1/98
R59	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	143.7/70.8
R66	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	212.5/94.8
R67	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	211.8/91.7
R68	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	213.1/91.7
R69	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	214.9/91.9
R70	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	74.3/47.8
R72	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	58.1/89
R77	7030003800	S.RES ERJ3GEYJ 105 V (1M)	T	137.4/69.7
R79	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	220.7/80.6
R80	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	219.4/80.6
R81	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	219.8/78.7
R82	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	213/77
R83	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	213.1/74.9
R84	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	212.6/50
R85	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	215.3/50.2
R86	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	218.2/50
R87	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	120.6/30.6
R88	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	127.5/32.7
R91	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	111.1/25.7
R92	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	115.7/23.6
R93	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	111.1/21.8
R94	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	T	111.1/24.4
R95	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	108/28.7
R96	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	101.4/26.8
R100	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	149.6/44.2
R106	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	96.4/45.4
R116	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	137/21.3
R117	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	138.6/34.4
R118	7030003300	S.RES ERJ3GEYJ 680 V (68)	T	140.5/33.6
R119	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	142.4/32.8
R120	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	83.6/41.1
R121	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	84.4/43
R122	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	133.7/14.2
R123	7030003260	S.RES ERJ3GEYJ 330 V (33)	T	134.5/12.3
R124	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	135.8/6.3
R125	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	133.2/12.3
R127	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	134.5/6.2
R129	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	115.5/8.9
R130	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	114.7/10.8
R131	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	113.9/8.9
R133	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	60.8/35
R135	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	63.4/35
R139	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	61.6/40.2

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R140	7030007220	S.RES ERA3YED 202V (2K)	T	35.8/71.4
R141	7030007220	S.RES ERA3YED 202V (2K)	T	35.8/72.7
R142	7030007220	S.RES ERA3YED 202V (2K)	T	36.2/75.3
R143	7030007220	S.RES ERA3YED 202V (2K)	T	36.5/77.9
R144	7030007220	S.RES ERA3YED 202V (2K)	T	36.5/80.5
R145	7030007220	S.RES ERA3YED 202V (2K)	T	36.1/82.5
R146	7030007220	S.RES ERA3YED 202V (2K)	T	36.1/83.8
R147	7030007200	S.RES ERA3YEB 202V (2K)	T	36.1/86.4
R148	7030007200	S.RES ERA3YEB 202V (2K)	T	36.1/87.7
R149	7030007200	S.RES ERA3YEB 202V (2K)	T	36.1/90.3
R150	7030007220	S.RES ERA3YED 202V (2K)	T	39.2/71.5
R151	7030007230	S.RES ERA3YED 102V (1K)	T	37.9/72.2
R152	7030007230	S.RES ERA3YED 102V (1K)	T	39.2/74.1
R153	7030007230	S.RES ERA3YED 102V (1K)	T	38.1/76
R154	7030007230	S.RES ERA3YED 102V (1K)	T	38.4/79.2
R155	7030007230	S.RES ERA3YED 102V (1K)	T	38/82.4
R156	7030007230	S.RES ERA3YED 102V (1K)	T	39.3/83.7
R157	7030007210	S.RES ERA3YEB 102V (1K)	T	38/85.1
R158	7030007210	S.RES ERA3YEB 102V (1K)	T	39.3/86.3
R159	7030007210	S.RES ERA3YEB 102V (1K)	T	38/88.4
R160	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	18.8/90.3
R161	7030003710	S.RES ERJ3GEYJ 184 V (180K)	T	18.2/92.2
R162	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	20.3/96.6
R163	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	21/94.6
R164	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	19/96.6
R168	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	11.8/103.8
R176	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	36.5/49.9
R179	7030007220	S.RES ERA3YED 202V (2K)	T	39.6/61.4
R180	7030007220	S.RES ERA3YED 202V (2K)	T	38.3/61.4
R181	7030007220	S.RES ERA3YED 202V (2K)	T	34.4/61.4
R182	7030007220	S.RES ERA3YED 202V (2K)	T	33.1/61.4
R183	7030007220	S.RES ERA3YED 202V (2K)	T	30.7/63.3
R184	7030007220	S.RES ERA3YED 202V (2K)	T	28.8/61.4
R185	7030007220	S.RES ERA3YED 202V (2K)	T	26.2/61.4
R186	7030007200	S.RES ERA3YEB 202V (2K)	T	24.9/61.4
R187	7030007200	S.RES ERA3YEB 202V (2K)	T	23.6/61.4
R188	7030007200	S.RES ERA3YEB 202V (2K)	T	21/61.4
R189	7030007220	S.RES ERA3YED 202V (2K)	T	39.4/64.6
R190	7030007230	S.RES ERA3YED 102V (1K)	T	38.8/63.3
R191	7030007230	S.RES ERA3YED 102V (1K)	T	36.7/64.6
R192	7030007230	S.RES ERA3YED 102V (1K)	T	34.9/63.3
R193	7030007230	S.RES ERA3YED 102V (1K)	T	33.6/64.6
R194	7030007230	S.RES ERA3YED 102V (1K)	T	30.7/64.6
R195	7030007230	S.RES ERA3YED 102V (1K)	T	28/64.6
R196	7030007210	S.RES ERA3YEB 102V (1K)	T	26.7/63.3
R197	7030007210	S.RES ERA3YEB 102V (1K)	T	25.1/64.6
R198	7030007210	S.RES ERA3YEB 102V (1K)	T	22.8/63.3
R199	7030003430	S.RES ERJ3GEYJ 821 V (820)	T	12.1/47
R200	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	18.3/45.6
R201	7030003710	S.RES ERJ3GEYJ 184 V (180K)	T	16.4/44.9
R202	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	14.1/47.7
R203	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	12/45.7
R204	7030003860	S.RES ERJ3GE JPW V	T	234.6/62.5
R205	7030003860	S.RES ERJ3GE JPW V	T	233.3/62.5
R207	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	14.2/31.7
R212	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	82.2/24.7
R213	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	80.4/23.9
R214	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	82.2/23
R215	7030007510	S.RES ERJ12YJ270U (27)	T	212.3/18.3
R216	7030007510	S.RES ERJ12YJ270U (27)	T	208.6/18.3
R217	7030007510	S.RES ERJ12YJ270U (27)	T	204.9/18.3
R222	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	80.9/59.2
R223	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	83.8/59.4
R224	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	79.6/58.1
R225	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	87.4/59.2
R226	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	9.4/13.5
R227	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	5.4/17.4
R228	7030003640	S.RES ERJ3GEYJ 473 V (47K)	T	82.2/59.2
R231	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	15.1/42.8
R232	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	16.1/93.5
R237	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	130.7/10.2
R239	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	104.7/86.9
R240	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	83.7/68.7
R241	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	79.6/34.3
R243	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	211.2/88.9
R244	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	213.1/89.5
R245	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	215.8/89.4
R246	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	139.2/98.5
R247	7030003380	S.RES ERJ3GEYJ 331 V (330)	T	142.3/25.2
R248	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	39.3/88.9
R249	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	21.8/64.6
R250	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	23.1/71.9
R251	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	133.8/86.3
R252	7030003800	S.RES ERJ3GEYJ 105 V (1M)	T	135.6/85.6
R253	7030003800	S.RES ERJ3GEYJ 105 V (1M)	T	131.2/86.3
R254	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	135.6/84.3
R255	7030003450	S.RES ERJ3GEYJ 122 V (1.2K)	T	131.1/83.6
R256	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	128/84
R257	7510001410	S.THE NTCG20 3FH 222JT	T	129.6/83.7
R258	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	125.8/85.6
R259	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	135.2/79.9
R260	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	123.5/79.6
R261	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	138.8/71.4
R262	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	129.4/77.2
R263	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	127/75.2
R266	7030003800	S.RES ERJ3GEYJ 105 V (1M)	T	58/37.8
R267	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	101/38
R268	7030003620	S.RES ERJ3GEYJ 333 V (33K)	T	107.4/100.5
R269	7030003550	S.RES ERJ3GEYJ 822 V (8.2K)	T	105.5/101.2

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

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R270	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	104/100
R271	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	102.4/103.8
R272	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.5/72
R273	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	218.3/72
R274	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.7/52.8
R275	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	219.1/53.5
R276	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	234.6/59.7
R277	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	235.9/62.5
R278	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	234.7/70.5
R279	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	232.7/73
R280	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	T	234/74.5
R281	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	228/74.2
R282	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	228/75.6
R283	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	227.8/88.4
R284	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	230.8/88.4
R285	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	235.4/87.4
R286	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	155.9/9.2
R287	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	160/9.2
R288	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	167.4/8.7
R289	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	169.1/10.7
R290	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	171.3/10
R291	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	T	170.9/15.1
R292	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	185.4/15.7
R293	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	185.1/12.7
R294	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	183.4/8.6
R295	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	172.2/15.5
R296	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.7/12.9
R297	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.5/7.5
R298	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	117.5/103
R299	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	127.6/77.2
R300	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	60/41.6
R301	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	127/71.4
R302	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	78.9/103.6
R400	7030003860	S.RES	ERJ3GE JPW V	T	159/7.3
R401	7030003860	S.RES	ERJ3GE JPW V	T	158.7/9.2
C1	4030006880	S.CER	C1608 JB 1H 472K-T	T	64/55.4
C2	4030006880	S.CER	C1608 JB 1H 472K-T	T	65.5/60
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	68.1/60
C4	4030006880	S.CER	C1608 JB 1H 472K-T	T	70.7/60
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.3/60
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	79.6/55.4
C7	4030006860	S.CER	C1608 JB 1H 102K-T	T	128.8/32.7
C8	4030011600	S.CER	C1608 JB 1E 104K-T	T	121.5/27.5
C9	4030011600	S.CER	C1608 JB 1E 104K-T	T	128.8/98
C10	4030006880	S.CER	C1608 JB 1H 472K-T	T	127.5/98
C11	4030008920	S.CER	C1608 JB 1H 473K-T	T	61.8/83.6
C12	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/91.6
C13	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.6/94.9
C14	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.9/79.3
C15	4030008920	S.CER	C1608 JB 1H 473K-T	T	80.1/78.7
C16	4030008920	S.CER	C1608 JB 1H 473K-T	T	82.9/78.7
C17	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/83.8
C18	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/86.6
C19	4030008920	S.CER	C1608 JB 1H 473K-T	T	86.5/89.5
C20	4030008920	S.CER	C1608 JB 1H 473K-T	T	87.5/93.5
C21	4030008920	S.CER	C1608 JB 1H 473K-T	T	85.4/96.8
C22	4030008920	S.CER	C1608 JB 1H 473K-T	T	71.6/101.1
C23	4030008920	S.CER	C1608 JB 1H 473K-T	T	75.1/100.7
C24	4030008920	S.CER	C1608 JB 1H 473K-T	T	79.1/100.2
C25	4030006900	S.CER	C1608 JB 1H 103K-T	T	82.4/71.4
C28	4030006900	S.CER	C1608 JB 1H 103K-T	T	90/90.5
C29	4030010210	S.CER	C3216 JB 1C 105M-T	T	89.8/95.8
C30	4550003220	S.TAN	TEESVA 1E 105M8R	T	102.1/95.9
C31	4550000510	S.TAN	TEESVA 1V 473M8R	T	102.1/90.8
C32	4030007030	S.CER	C1608 CH 1H 150J-T	T	106.3/81.4
C33	4030007090	S.CER	C1608 CH 1H 470J-T	T	110.9/86.5
C34	4030008920	S.CER	C1608 JB 1H 473K-T	T	113.3/79
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	112.8/81.2
C36	4510008500	S.ELE	EEE1CA101WP	T	109.3/93.5
C37	4030007150	S.CER	C1608 CH 1H 151J-T	T	114.5/79
C38	4030007010	S.CER	C1608 CH 1H 100D-T	T	115.1/82
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/96.7
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.3/86.7
C42	4030007150	S.CER	C1608 CH 1H 151J-T	T	118.9/91.3
C43	4030010040	S.CER	C1608 JB 1H 561K-T	T	120.1/88.6
C44	4030009580	S.CER	C1608 JB 1H 681K-T	T	120.1/91.3
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	115.5/103.5
C46	4030007090	S.CER	C1608 CH 1H 470J-T	T	119.1/101.7
C48	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/98
C50	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/90.4
C51	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/103.7
C52	4030006900	S.CER	C1608 JB 1H 103K-T	T	133.3/103.1
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.7/100.5
C57	4550003220	S.TAN	TEESVA 1E 105M8R	T	136.9/79.7
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.6/79.9
C60	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.2/94.8
C61	4030007010	S.CER	C1608 CH 1H 100D-T	T	215.8/88.1
C62	4030006860	S.CER	C1608 JB 1H 102K-T	T	218.1/92.9
C63	4030006860	S.CER	C1608 JB 1H 102K-T	T	216.2/91.9
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/11.8
C70	4030006860	S.CER	C1608 JB 1H 102K-T	T	25.4/18.8
C71	4030006860	S.CER	C1608 JB 1H 102K-T	T	75.6/47.8
C72	4030006880	S.CER	C1608 JB 1H 472K-T	T	58.7/97.4
C73	4030010210	S.CER	C3216 JB 1C 105M-T	T	58.5/95.7
C74	4030006860	S.CER	C1608 JB 1H 102K-T	T	175.9/45.5
C75	4510008500	S.ELE	EEE1CA101WP	T	171.7/48.3
C76	4030006860	S.CER	C1608 JB 1H 102K-T	T	188.4/45.5

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C77	4510008500	S.ELE	EEE1CA101WP	T	184.2/48.3
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.1/20.4
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	211.8/74.9
C80	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.6/81.3
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	214/79.1
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.8/82.7
C83	4030006860	S.CER	C1608 JB 1H 102K-T	T	216/77.6
C84	4030009910	S.CER	C1608 CH 1H 040B-T	T	214.8/72
C85	4030009520	S.CER	C1608 CH 1H 020B-T	T	214.8/69.3
C86	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	214.8/66.6
C88	4030006990	S.CER	C1608 CH 1H 080D-T	T	213.5/69.3
C89	4030007030	S.CER	C1608 CH 1H 150J-T	T	213.5/66.6
C90	4030007090	S.CER	C1608 CH 1H 470J-T	T	213.5/63.9
C91	4030009520	S.CER	C1608 CH 1H 020B-T	T	212.2/61.2
C92	4030009520	S.CER	C1608 CH 1H 020B-T	T	213.5/61.2
C93	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/58.5
C94	4030009510	S.CER	C1608 CH 1H 010B-T	T	213.5/58.5
C95	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/55.8
C97	4030006860	S.CER	C1608 JB 1H 102K-T	T	115.9/30.7
C98	4030006860	S.CER	C1608 JB 1H 102K-T	T	130.8/26.5
C100	4030006860	S.CER	C1608 JB 1H 102K-T	T	125.4/23.1
C101	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.2/23.2
C102	4030006880	S.CER	C1608 JB 1H 472K-T	T	111.1/27
C103	4550000550	S.TAN	TEESVA 1V 224M8R	T	111.9/30.4
C104	4550000550	S.TAN	TEESVA 1V 224M8R	T	109.7/30.4
C105	4550000510	S.TAN	TEESVA 1V 473M8R	T	106.2/29.1
C106	4550000510	S.TAN	TEESVA 1V 473M8R	T	113.9/22.4
C107	4510008690	S.ELE	EEE1EA330SP	T	96.7/25.1
C108	4510008500	S.ELE	EEE1CA101WP	T	155.4/41.4
C117	4030008920	S.CER	C1608 JB 1H 473K-T	T	68.2/29
C118	4030006860	S.CER	C1608 JB 1H 102K-T	T	79.6/27.8
C119	4030007170	S.CER	C1608 CH 1H 221J-T	T	79.6/30.6
C121	4030007170	S.CER	C1608 CH 1H 221J-T	T	81.6/34.8
C122	4030006860	S.CER	C1608 JB 1H 102K-T	T	96/35.4
C123	4510008690	S.ELE	EEE1EA330SP	T	94.5/40.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/27.8
C132	4030007050	S.CER	C1608 CH 1H 220J-T	T	139.1/32.1
C133	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/26.5
C134	4030006860	S.CER	C1608 JB 1H 102K-T	T	135.8/12.3
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	131.8/13.4
C137	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.2/6.2
C139	4030007000	S.CER	C1608 CH 1H 090D-T	T	125.7/12.9
C140	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	124.1/10.2
C141	4030007010	S.CER	C1608 CH 1H 100D-T	T	123.5/13.3
C142	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	121.4/11.1
C143	4030006990	S.CER	C1608 CH 1H 080D-T	T	121.4/13.7
C145	4030006970	S.CER	C1608 CH 1H 060D-T	T	124.9/5.4
C146	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	123.1/8.4
C147	4030006980	S.CER	C1608 CH 1H 070D-T	T	122/5.8
C148	4030009570	S.CER	C1608 CH 1H 0R3B-T	T	120.4/8.4
C149	4030009530	S.CER	C1608 CH 1H 030B-T	T	118.9/5.6
C151	4030006860	S.CER	C1608 JB 1H 102K-T	T	112/10.8
C153	4030006880	S.CER	C1608 JB 1H 472K-T	T	29.4/18.6
C154	4030006880	S.CER	C1608 JB 1H 472K-T	T	69.1/20.7
C155	4030007010	S.CER	C1608 CH 1H 100D-T	T	62.1/35
C156	4030006860	S.CER	C1608 JB 1H 102K-T	T	59.4/39.4
C158	4030011600	S.CER	C1608 JB 1E 104K-T	T	20.4/73.2
C159	4510008540	S.ELE	EEE1CA100SR	T	16.7/70.6
C160	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/75.3
C161	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.7/72.6
C162	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/82
C163	4030011600	S.CER	C1608 JB 1E 104K-T	T	20.1/89.8
C164	4030011600	S.CER	C1608 JB 1E 104K-T	T	24.8/89.8
C165	4030007170	S.CER	C1608 CH 1H 221J-T	T	14/88.5
C166	4030007100	S.CER	C1608 CH 1H 560J-T	T	14.2/93.6
C167	4030007020	S.CER	C1608 CH 1H 120J-T	T	31.7/97.4
C168	4030009350	S.CER	C1608 CH 1H 3R5B-T	T	29.1/97.4
C169	4030007050	S.CER	C1608 CH 1H 220J-T	T	27.3/95.4
C170	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	26/95.4
C171	4030007020	S.CER	C1608 CH 1H 120J-T	T	21.6/96.6
C172	4030011600	S.CER	C1608 JB 1E 104K-T	T	16.4/96.2
C173	4030006900	S.CER	C1608 JB 1H 103K-T	T	21/93.3
C175	4030006880	S.CER	C1608 JB 1H 472K-T	T	17.7/96.6
C177	4030006900	S.CER	C1608 JB 1H 103K-T	T	13.1/103.8
C191	4030006880	S.CER	C1608 JB 1H 472K-T	T	43.8/52.4
C192	4030010210	S.CER	C3216 JB 1C 105M-T	T	38/54
C194	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.5/47.1
C195	4510008540	S.ELE	EEE1CA100SR	T	37.9/43
C196	4030011600	S.CER	C1608 JB 1E 104K-T	T	33.1/39.7
C197	4030011600	S.CER	C1608 JB 1E 104K-T	T	35.9/52.1
C198	4030011600	S.CER	C1608 JB 1E 104K-T	T	26.4/39.7
C199	4030011600	S.CER	C1608 JB 1E 104K-T	T	18.6/46.9
C200	4030011600	S.CER	C1608 JB 1E 104K-T	T	18.6/51.6
C201	4030009880	S.CER	C1608 JB 1H 682K-T	T	20.1/40.7
C202	4030009980	S.CER	C1608 JB 1H 152K-T	T	15/40.9
C203	4030010760	S.CER	C1608 CH 1H 331J-T	T	12.6/61.4
C204	4030007110	S.CER	C1608 CH 1H 680J-T	T	14/56.6
C205	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.2/54
C206	4030007060	S.CER	C1608 CH 1H 270J-T	T	13.2/52.7
C207	4030010760	S.CER	C1608 CH 1H 331J-T	T	12.1/48.3
C208	4030011600	S.CER	C1608 JB 1E 104K-T	T	12/44.4
C209	4030011600	S.CER	C1608 JB 1E 104K-T	T	15.4/47.7
C210	4030006860	S.CER	C1608 JB 1H 102K-T	T	227.7/67.4
C211	4030006880	S.CER	C1608 JB 1H 472K-T	T	12.4/43.1
C212	4030006900	S.CER	C1608 JB 1H 103K-T	T	15/33.6
C213	4030006900	S.CER	C1608 JB 1H 103K-T	T	12.2/34.2
C214	4030006860	S.CER	C1608 JB 1H 102K-T	T	228.5/65.5
C215	4030006860	S.CER	C1608 JB 1H 102K-T	T	234/64.4
C216	4030006860	S.CER	C1608 JB 1H 102K-T	T	235.9/65.6

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

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C217	4030006900	S.CER C1608 JB 1H 103K-T	T	72.4/20.6
C218	4030006900	S.CER C1608 JB 1H 103K-T	T	78.5/23.1
C219	4030008920	S.CER C1608 JB 1H 473K-T	T	211.5/13.3
C220	4510008540	S.ELE EEE1CA100SR	T	202.9/13
C221	4510008540	S.ELE EEE1CA100SR	T	209.5/7.8
C222	4030008920	S.CER C1608 JB 1H 473K-T	T	214.3/6.6
C223	4030006860	S.CER C1608 JB 1H 102K-T	T	214.3/5.4
C227	4030008920	S.CER C1608 JB 1H 473K-T	T	215.2/33.8
C228	4510008540	S.ELE EEE1CA100SR	T	207.2/32.9
C229	4510008540	S.ELE EEE1CA100SR	T	207.2/26.7
C230	4030008920	S.CER C1608 JB 1H 473K-T	T	215.2/25.1
C231	4030006860	S.CER C1608 JB 1H 102K-T	T	215.2/23.7
C232	4030006880	S.CER C1608 JB 1H 472K-T	T	10/11.6
C233	4030018980	S.CER C1608 JB 1H 104K-T	T	11.1/15.8
C234	4510008690	S.ELE EEE1EA330SP	T	8.3/22.5
C235	4030018980	S.CER C1608 JB 1H 104K-T	T	9.2/27.1
C236	4510008690	S.ELE EEE1EA330SP	T	15/26.9
C237	4030006860	S.CER C1608 JB 1H 102K-T	T	83.9/29.2
C239	4030009570	S.CER C1608 CH 1H 0R3B-T	T	213.5/55.8
C240	4030009550	S.CER C1608 CH 1H 2R5B-T	T	211.8/53.6
C242	4030007050	S.CER C1608 CH 1H 220J-T	T	75.7/77.4
C243	4030007050	S.CER C1608 CH 1H 220J-T	T	79.9/76.1
C244	4030008920	S.CER C1608 JB 1H 473K-T	T	80.2/103.6
C246	4550006050	S.TAN TEESVA 0J 106M8R	T	62.6/77.2
C247	4030006860	S.CER C1608 JB 1H 102K-T	T	83.5/101.2
C248	4030006860	S.CER C1608 JB 1H 102K-T	T	86.2/101.2
C249	4030006860	S.CER C1608 JB 1H 102K-T	T	90.2/94.1
C250	4030011600	S.CER C1608 JB 1E 104K-T	T	115.7/29.4
C251	4030011600	S.CER C1608 JB 1E 104K-T	T	120.2/28.7
C252	4030011600	S.CER C1608 JB 1E 104K-T	T	129.5/26.5
C253	4030011600	S.CER C1608 JB 1E 104K-T	T	130.2/103.7
C254	4030010210	S.CER C3216 JB 1C 105M-T	T	132.7/88.7
C255	4030011600	S.CER C1608 JB 1E 104K-T	T	126/90.4
C256	4550006050	S.TAN TEESVA 0J 106M8R	T	228.6/61.8
C257	4550006050	S.TAN TEESVA 0J 106M8R	T	158.4/14.9
C258	4030007170	S.CER C1608 CH 1H 221J-T	T	82/26.1
C263	4030009920	S.CER C1608 CH 1H 050B-T	T	213.3/96.7
C264	4030009530	S.CER C1608 CH 1H 030B-T	T	215.4/95.4
C265	4030009920	S.CER C1608 CH 1H 050B-T	T	218.1/94.2
C266	4030009540	S.CER C1608 CH 1H 1R5B-T	T	218.7/95.5
C267	4030009910	S.CER C1608 CH 1H 040B-T	T	220.6/94.8
C269	4030007160	S.CER C1608 CH 1H 181J-T	T	14.2/96.3
C270	4030008770	S.CER C1608 JB 1H 562K-T	T	12.3/40.9
C271	4550003220	S.TAN TEESVA 1E 105M8R	T	17/33
C281	4030007050	S.CER C1608 CH 1H 220J-T	T	60.7/84.9
C282	4030007050	S.CER C1608 CH 1H 220J-T	T	64.6/91.6
C283	4030007050	S.CER C1608 CH 1H 220J-T	T	63.6/96.2
C284	4030007050	S.CER C1608 CH 1H 220J-T	T	65.1/78
C285	4030007050	S.CER C1608 CH 1H 220J-T	T	80.1/77.4
C286	4030007050	S.CER C1608 CH 1H 220J-T	T	82.9/77.4
C287	4030007050	S.CER C1608 CH 1H 220J-T	T	84.4/82.5
C288	4030007050	S.CER C1608 CH 1H 220J-T	T	84.4/85.3
C289	4030007050	S.CER C1608 CH 1H 220J-T	T	86.5/88.2
C290	4030007050	S.CER C1608 CH 1H 220J-T	T	86.2/93.5
C291	4030007050	S.CER C1608 CH 1H 220J-T	T	86/95.5
C292	4030007050	S.CER C1608 CH 1H 220J-T	T	71.6/102.4
C293	4030007050	S.CER C1608 CH 1H 220J-T	T	75.1/102
C294	4030007050	S.CER C1608 CH 1H 220J-T	T	79.1/101.5
C296	4030007050	S.CER C1608 CH 1H 220J-T	T	81.5/103.6
C297	4030007050	S.CER C1608 CH 1H 220J-T	T	83.5/102.5
C298	4030007050	S.CER C1608 CH 1H 220J-T	T	86.2/102.5
C299	4030007050	S.CER C1608 CH 1H 220J-T	T	87.8/91.6
C300	4030007050	S.CER C1608 CH 1H 220J-T	T	219.1/91.6
C301	4030006860	S.CER C1608 JB 1H 102K-T	T	58.1/94
C302	4030007050	S.CER C1608 CH 1H 220J-T	T	20.4/71.9
C303	4030007050	S.CER C1608 CH 1H 220J-T	T	12.9/74
C304	4030007050	S.CER C1608 CH 1H 220J-T	T	27/72.6
C305	4030007050	S.CER C1608 CH 1H 220J-T	T	12.9/83.3
C306	4030007050	S.CER C1608 CH 1H 220J-T	T	21.4/89.8
C307	4030007050	S.CER C1608 CH 1H 220J-T	T	26.1/90.2
C308	4030007050	S.CER C1608 CH 1H 220J-T	T	23.1/73.2
C309	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/71.8
C310	4030007010	S.CER C1608 CH 1H 100D-T	T	35.9/74
C311	4030007010	S.CER C1608 CH 1H 100D-T	T	36.2/76.6
C312	4030007010	S.CER C1608 CH 1H 100D-T	T	36.5/79.2
C313	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/78.7
C314	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/81.4
C315	4030007010	S.CER C1608 CH 1H 100D-T	T	36.1/85.1
C316	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/85.2
C317	4030007010	S.CER C1608 CH 1H 100D-T	T	36.1/89
C318	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/89.2
C319	4030006860	S.CER C1608 JB 1H 102K-T	T	39.1/55.7
C320	4030007050	S.CER C1608 CH 1H 220J-T	T	10.5/103.8
C321	4030007050	S.CER C1608 CH 1H 220J-T	T	35.2/47.1
C322	4030007050	S.CER C1608 CH 1H 220J-T	T	34.4/39.7
C323	4030007050	S.CER C1608 CH 1H 220J-T	T	33.9/54.3
C324	4030007050	S.CER C1608 CH 1H 220J-T	T	25.1/39.7
C325	4030007050	S.CER C1608 CH 1H 220J-T	T	18.6/48.2
C326	4030007050	S.CER C1608 CH 1H 220J-T	T	18.6/52.9
C327	4030007050	S.CER C1608 CH 1H 220J-T	T	35.2/49.9
C328	4030007050	S.CER C1608 CH 1H 220J-T	T	36.3/55.7
C329	4030007050	S.CER C1608 CH 1H 220J-T	T	37/61.4
C330	4030007050	S.CER C1608 CH 1H 220J-T	T	35.7/61.4
C331	4030007050	S.CER C1608 CH 1H 220J-T	T	31.8/61.4
C332	4030007050	S.CER C1608 CH 1H 220J-T	T	30.5/61.4
C333	4030007050	S.CER C1608 CH 1H 220J-T	T	25.9/57.2
C334	4030007050	S.CER C1608 CH 1H 220J-T	T	27.5/61.4
C335	4030007050	S.CER C1608 CH 1H 220J-T	T	23.4/58.1
C336	4030007050	S.CER C1608 CH 1H 220J-T	T	22.3/61.4

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C337	4030007050	S.CER C1608 CH 1H 220J-T	T	21.8/56.8
C338	4030007050	S.CER C1608 CH 1H 220J-T	T	13.5/33.6
C339	4030007050	S.CER C1608 CH 1H 220J-T	T	11.8/76.6
C340	4030007050	S.CER C1608 CH 1H 220J-T	T	11.2/78.5
C341	4030007050	S.CER C1608 CH 1H 220J-T	T	11.8/80.4
C342	4030007050	S.CER C1608 CH 1H 220J-T	T	24/91.8
C343	4030006860	S.CER C1608 JB 1H 102K-T	T	8.1/92.6
C344	4030007020	S.CER C1608 CH 1H 120J-T	T	37.4/94.3
C345	4030007130	S.CER C1608 CH 1H 101J-T	T	32.5/95.2
C346	4030009990	S.CER C1608 CH 1H 200J-T	T	31.7/93
C347	4030006880	S.CER C1608 JB 1H 472K-T	T	26.4/69.2
C348	4030010210	S.CER C3216 JB 1C 105M-T	T	30/70.7
C349	4030006860	S.CER C1608 JB 1H 102K-T	T	28.3/71
C350	4030007050	S.CER C1608 CH 1H 220J-T	T	16.6/51.2
C351	4030006860	S.CER C1608 JB 1H 102K-T	T	7.9/47.8
C352	4510008510	S.ELE EEE1CA471P	T	29.5/10.2
C353	4550006050	S.TAN TEESVA 0J 106M8R	T	137.5/97.4
C354	4550006050	S.TAN TEESVA 0J 106M8R	T	131.2/30.1
C355	4030007070	S.CER C1608 CH 1H 330J-T	T	132.5/86.3
C356	4550000550	S.TAN TEESVA 1V 224M8R	T	125.3/70.6
C358	4030006860	S.CER C1608 JB 1H 102K-T	T	128/63.1
C359	4030007090	S.CER C1608 CH 1H 470J-T	T	128/61.8
C360	4030011280	S.CER C1608 CH 1H 271J-T	T	18.9/60.6
C361	4030009580	S.CER C1608 JB 1H 681K-T	T	16.6/61.4
C362	4030006850	S.CER C1608 JB 1H 471K-T	T	14.7/60.6
C363	4030007140	S.CER C1608 CH 1H 121J-T	T	78.5/21.9
C364	4030007140	S.CER C1608 CH 1H 121J-T	T	80.6/17.8
C365	4030010210	S.CER C3216 JB 1C 105M-T	T	167.5/13.7
C366	4030007050	S.CER C1608 CH 1H 220J-T	T	232/59.7
C367	4030010210	S.CER C3216 JB 1C 105M-T	T	229.2/70.9
C368	4030006880	S.CER C1608 JB 1H 472K-T	T	58.8/35.8
C369	4030010210	S.CER C3216 JB 1C 105M-T	T	52.8/36.9
C370	4030006860	S.CER C1608 JB 1H 102K-T	T	52.4/40.8
C371	4530000410	S.ARR EZANCE 471M 470P	T	22.2/24.6
C372	4530000410	S.ARR EZANCE 471M 470P	T	21.6/16.3
C373	4530000400	S.ARR EZANCE 220M 22P	T	21.6/8
C374	4030011600	S.CER C1608 JB 1E 104K-T	T	108.2/98.4
C375	4030009530	S.CER C1608 CH 1H 030B-T	T	214.8/63.9
C376	4030006860	S.CER C1608 JB 1H 102K-T	T	212.2/72
C377	4030006860	S.CER C1608 JB 1H 102K-T	T	211.8/52.3
C378	4030006980	S.CER C1608 CH 1H 070D-T	T	217/72
C379	4030006990	S.CER C1608 CH 1H 080D-T	T	218.3/69.3
C380	4030009530	S.CER C1608 CH 1H 030B-T	T	217/69.3
C381	4030007000	S.CER C1608 CH 1H 090D-T	T	218.3/66.6
C382	4030009550	S.CER C1608 CH 1H 2R5B-T	T	217/66.6
C383	4030007100	S.CER C1608 CH 1H 560J-T	T	218.3/63.9
C384	4030009350	S.CER C1608 CH 1H 3R5B-T	T	217/63.9
C385	4030009550	S.CER C1608 CH 1H 2R5B-T	T	219.6/61.2
C386	4030009520	S.CER C1608 CH 1H 020B-T	T	218.3/61.2
C387	4030006970	S.CER C1608 CH 1H 060D-T	T	219.6/58.5
C388	4030009500	S.CER C1608 CH 1H 0R5B-T	T	218.3/58.5
C389	4030006970	S.CER C1608 CH 1H 060D-T	T	220.2/56.6
C390	4030009570	S.CER C1608 CH 1H 0R3B-T	T	218.3/55.8
C391	4030009350	S.CER C1608 CH 1H 3R5B-T	T	220.2/55
C392	4030006860	S.CER C1608 JB 1H 102K-T	T	219.6/72
C393	4030006860	S.CER C1608 JB 1H 102K-T	T	219.1/52.2
C394	4030008750	S.CER C1608 CH 1H 360J-T	T	229.2/84
C395	4030007020	S.CER C1608 CH 1H 120J-T	T	230/86.2
C396	4030007070	S.CER C1608 CH 1H 330J-T	T	227.8/82.7
C397	4030007090	S.CER C1608 CH 1H 470J-T	T	227.8/85.4
C398	4030007080	S.CER C1608 CH 1H 390J-T	T	227.8/87
C399	4030006860	S.CER C1608 JB 1H 102K-T	T	235.9/59.7
C400	4030006860	S.CER C1608 JB 1H 102K-T	T	233.3/59.7
C401	4030006860	S.CER C1608 JB 1H 102K-T	T	232/62.5
C402	4030006860	S.CER C1608 JB 1H 102K-T	T	233.5/69.2
C403	4030006860	S.CER C1608 JB 1H 102K-T	T	228.4/68.7
C404	4030006860	S.CER C1608 JB 1H 102K-T	T	228/72.6
C405	4030006860	S.CER C1608 JB 1H 102K-T	T	235.3/72.4
C406	4030006860	S.CER C1608 JB 1H 102K-T	T	230.2/76.4
C407	4030006860	S.CER C1608 JB 1H 102K-T	T	157.2/9.2
C408	4030006860	S.CER C1608 JB 1H 102K-T	T	160/11.6
C409	4030006860	S.CER C1608 JB 1H 102K-T	T	160.7/14.2
C410	4030006860	S.CER C1608 JB 1H 102K-T	T	165.7/16.9
C411	4030006860	S.CER C1608 JB 1H 102K-T	T	169.4/15.1
C412	4030006860	S.CER C1608 JB 1H 102K-T	T	168.7/8.7
C413	4030006900	S.CER C1608 JB 1H 103K-T	T	173/13.3
C414	4030006990	S.CER C1608 CH 1H 080D-T	T	176/13.1
C415	4030007110	S.CER C1608 CH 1H 680J-T	T	175.2/15.7
C416	4030007140	S.CER C1608 CH 1H 121J-T	T	179.5/15.7
C417	4030007030	S.CER C1608 CH 1H 150J-T	T	181/14.2
C418	4030007130	S.CER C1608 CH 1H 101J-T	T	182.4/15.7
C419	4030006860	S.CER C1608 JB 1H 102K-T	T	156.2/7.3
C420	4030006860	S.CER C1608 JB 1H 102K-T	T	130.2/12.2
C421	4030007000	S.CER C1608 CH 1H 090D-T	T	128.9/12.2
C422	4030007110	S.CER C1608 CH 1H 680J-T	T	127.6/12.2
C423	4030007030	S.CER C1608 CH 1H 150J-T	T	128.1/10.2
C424	4030006860	S.CER C1608 JB 1H 102K-T	T	118.7/14.2
C425	4030006860	S.CER C1608 JB 1H 102K-T	T	130.8/8.4
C426	4030009530	S.CER C1608 CH 1H 030B-T	T	128.2/8.4
C427	4030007060	S.CER C1608 CH 1H 270J-T	T	128.2/7.1
C428	4030009920	S.CER C1608 CH 1H 050B-T	T	126.3/7.2
C429	4030006860	S.CER C1608 JB 1H 102K-T	T	117.2/7.5
C430	4030008920	S.CER C1608 JB 1H 473K-T	T	225.1/20.3
C431	4510008540	S.ELE EEE1CA100SR	T	201.1/7.7
C432	4030008920	S.CER C1608 JB 1H 473K-T	T	224.3/17.5
C433	4030006860	S.CER C1608 JB 1H 102K-T	T	224.3/16.1
C434	4030006860	S.CER C1608 JB 1H 102K-T	T	135.6/83
C435	4030007050	S.CER C1608 CH 1H 220J-T	T	65.1/76.7
C436	4030007050	S.CER C1608 CH 1H 220J-T	T	68.1/76.9

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

[PLL-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C437	4030007050	S.CER C1608 CH 1H 220J-T	T	68.5/75.6
C438	4030007050	S.CER C1608 CH 1H 220J-T	T	71.2/75.3
C439	4030007050	S.CER C1608 CH 1H 220J-T	T	72/78.2
C440	4030007050	S.CER C1608 CH 1H 220J-T	T	72.5/76.6
C441	4030007050	S.CER C1608 CH 1H 220J-T	T	75.2/78.7
C442	4030007050	S.CER C1608 CH 1H 220J-T	T	76.2/76.1
C443	4030007050	S.CER C1608 CH 1H 220J-T	T	76.2/74.8
C444	4030007050	S.CER C1608 CH 1H 220J-T	T	79.3/74.8
C445	4550006050	S.TAN TEESVA 0J 106M8R	T	58.7/81
C446	4030011600	S.CER C1608 JB 1E 104K-T	T	160.7/12.9
C447	4030006860	S.CER C1608 JB 1H 102K-T	T	219.5/50.3
C448	4030006860	S.CER C1608 JB 1H 102K-T	T	107.4/101.7
C449	4030006860	S.CER C1608 JB 1H 102K-T	T	102.7/102
C450	4030006860	S.CER C1608 JB 1H 102K-T	T	105/95.8
C451	4030007170	S.CER C1608 CH 1H 221J-T	T	105/83.3
C452	4030006860	S.CER C1608 JB 1H 102K-T	T	166.1/8.7
C453	4030006860	S.CER C1608 JB 1H 102K-T	T	161.3/9.2
C454	4030007050	S.CER C1608 CH 1H 220J-T	T	58.1/87.7
C455	4550000510	S.TAN TEESVA 1V 473M8R	T	131.6/70.8
C456	4030006900	S.CER C1608 JB 1H 103K-T	T	128.3/71.4
C457	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/50.3
C458	4030007090	S.CER C1608 CH 1H 470J-T	T	200.8/41.4
C459	4030007090	S.CER C1608 CH 1H 470J-T	T	201.3/52.6
C460	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/47.5
C461	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/53.1
C462	4030007090	S.CER C1608 CH 1H 470J-T	T	199.3/50.5
C463	4030007090	S.CER C1608 CH 1H 470J-T	T	149.6/47
C464	4030006860	S.CER C1608 JB 1H 102K-T	T	161.8/7.3
C465	4030006860	S.CER C1608 JB 1H 102K-T	T	164.2/14.9
CP1	6910009670	S.CHE HK3-S-T	T	104.1/89.9
CP3	6910009670	S.CHE HK3-S-T	T	106.9/32.6
J7	6510018450	CON TMP-S01X-B1		
W21	8900004510	CAB OPC-452 A		

[VCO-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
Q1	1560001311	S.FET MMBFU310LT1G	T	35.3/37.4
Q2	1530003451	S.TRA 2SC4835GRL	T	41.2/28.6
Q3	1560001311	S.FET MMBFU310LT1G	T	37.3/11.2
Q4	1530003451	S.TRA 2SC4835GRL	T	41/12.7
D1	1720000261	S.VAR 1SV214(TPH2,F)	T	6.4/34.2
D2	1720000261	S.VAR 1SV214(TPH2,F)	T	8.2/34.2
D3	1720000261	S.VAR 1SV214(TPH2,F)	T	6.6/27.2
D4	1720000261	S.VAR 1SV214(TPH2,F)	T	8.4/27.2
D5	1750000531	S.DIO 1SV271(TPH3,F)	T	48.8/25.8
D6	1720000261	S.VAR 1SV214(TPH2,F)	T	6.6/15.6
D7	1720000261	S.VAR 1SV214(TPH2,F)	T	8.4/15.6
D8	1790000540	S.VAR MA338(TX)	T	4.1/8.7
D9	1790000540	S.VAR MA338(TX)	T	7.1/8.7
D10	1750000531	S.DIO 1SV271(TPH3,F)	T	48.8/20.6
L1	6200003001	S.COI NLV32T-R22J	T	4/31.7
L3	6200003331	S.COI NLV32T-1R0J	T	38.3/40.9
L4	6200003251	S.COI NLV32T-R39J	T	36.8/28.4
L5	6200003331	S.COI NLV32T-1R0J	T	48/30.2
L6	6200003331	S.COI NLV32T-1R0J	T	42.6/21.8
L7	6200003001	S.COI NLV32T-R22J	T	4.1/13.2
L9	6200003331	S.COI NLV32T-1R0J	T	38.2/5.6
L10	6200003251	S.COI NLV32T-R39J	T	38/17.8
L11	6200003331	S.COI NLV32T-1R0J	T	47.6/16.8
L12	6200008080	S.COI LQW2BHNR22J03L	T	32.1/37.4
L13	6200002400	S.COI LQW31HNR10J03L	T	33.5/11
R2	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	44.2/36.6
R3	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	36.8/32
R4	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	44/31.6
R5	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	39.9/30.9
R6	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	39.2/28.6
R7	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	41/26.4
R8	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	39/21.8
R10	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	43.6/9
R11	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	37.8/15
R12	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	44.6/13.6
R13	7030003510	S.RES ERJ3GEYJ 392 V (3.9K)	T	41.5/15.8
R14	7030003460	S.RES ERJ3GEYJ 152 V (1.5K)	T	40.2/15.8
R15	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	44.1/15.8
R16	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	4.7/16.5
R17	7030003860	S.RES ERJ3GE JPW V	T	4.7/28.3
C1	4030011340	S.CER C1608 CH 1H 471J-T	T	2.9/27.8
C2	4030011340	S.CER C1608 CH 1H 471J-T	T	2.9/17.1
C4	4030006850	S.CER C1608 JB 1H 471K-T	T	34/41.4
C5	4030006850	S.CER C1608 JB 1H 471K-T	T	34/40
C6	4030009530	S.CER C1608 CH 1H 030B-T	T	35.5/34.7
C7	4030009530	S.CER C1608 CH 1H 030B-T	T	34/33.5
C8	4030009500	S.CER C1608 CH 1H 0R5B-T	T	38/32
C9	4510008500	S.ELE EEE1CA101WP	T	46.4/41.2
C10	4030006850	S.CER C1608 JB 1H 471K-T	T	40.6/33
C11	4030006850	S.CER C1608 JB 1H 471K-T	T	43.1/27.2
C12	4030006970	S.CER C1608 CH 1H 060D-T	T	44.3/27.2
C13	4030006850	S.CER C1608 JB 1H 471K-T	T	35.6/7
C14	4030006850	S.CER C1608 JB 1H 471K-T	T	35.6/8.2
C15	4030009530	S.CER C1608 CH 1H 030B-T	T	35.2/13.8
C16	4030009530	S.CER C1608 CH 1H 030B-T	T	34.4/15.8
C17	4030009500	S.CER C1608 CH 1H 0R5B-T	T	38.2/13.6
C18	4510008500	S.ELE EEE1CA101WP	T	46/4.4
C19	4030006860	S.CER C1608 JB 1H 102K-T	T	42.8/15.8
C20	4030006970	S.CER C1608 CH 1H 060D-T	T	45.4/16.8
C24	4030007050	S.CER C1608 CH 1H 220J-T	T	2.9/18.4
C25	4030007050	S.CER C1608 CH 1H 220J-T	T	47.6/34.4
C26	4030006860	S.CER C1608 JB 1H 102K-T	T	47.6/33
C27	4030007050	S.CER C1608 CH 1H 220J-T	T	47.8/13.6
C28	4030006860	S.CER C1608 JB 1H 102K-T	T	47.8/12.2
C29	4030007050	S.CER C1608 CH 1H 220J-T	T	42/32.4
C30	4030018630	S.CER C2012 CH 1H 472J-T	T	2.8/25.8
C31	4030018630	S.CER C2012 CH 1H 472J-T	T	2.8/20.4
J1	6510004960	CON 3022-02B		
J3	6910008021	CON IPS-1323-PT		
J4	6510004960	CON 3022-02B		
J5	6910008021	CON IPS-1323-PT		

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

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC2	1110006750	S.IC	TK14570LTL-G	T	177.6/72.7
IC3	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	173.8/64.9
IC4	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	161.2/72
IC5	1110006880	S.IC	UPC3217GV-E1	T	222.3/47.1
IC6	1110006730	S.IC	NJM2594V-TE1-#ZZZB	T	170.9/38.7
IC7	1110006730	S.IC	NJM2594V-TE1-#ZZZB	T	92.9/70
IC8	1110003491	S.IC	TA31136FNG(D,EL)	T	110/80.4
IC9	1110000960	S.IC	NJM4558M-TE1-#FMZB	B	124.1/99.5
IC10	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	42.5/87.2
IC11	1130011170	S.IC	BU4001BF-E2	B	52.2/92.9
IC12	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	62/91.1
IC13	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	152.4/73.5
IC15	1130007700	S.IC	BU4094BCF-E2	T	165.1/9.2
IC16	1130007700	S.IC	BU4094BCF-E2	T	155.6/9.2
IC17	1180001072	S.IC	TA7805F(TE16L1,NQ)	T	13.8/3.6
IC18	1130007700	S.IC	BU4094BCF-E2	T	174.7/9.2
IC19	1130007690	S.IC	BU4066BCF-E2	B	73/79.1
IC20	1110006300	S.IC	NJM2172V-TE1-#ZZZB	T	36.1/66.3
IC21	1110002550	IC	TA7252AP		
IC22	1180001531	IC	PQ30RV31J00H		
IC23	1110002031	IC	TA7808S(Q)		
IC24	1180001252	S.IC	TA7808F(TE16L1,NQ)	T	62.6/34
IC25	1180001510	S.IC	AN78L24M-(E1)	B	76.2/42.3
IC26	1180001500	S.IC	AN79L08M-(E1)	B	92.2/23.6
IC27	1130005721	S.IC	TC7W04F(TE12L,F)	T	247.9/72.3
IC28	1120002510	S.IC	DS14C232TM S	B	240.6/80
IC29	1130007680	S.IC	BU4053BCF-E2	B	61.9/70.4
IC30	1130007680	S.IC	BU4053BCF-E2	B	75/69.4
IC31	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	63.7/60.5
IC32	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	80.4/67.2
IC33	1140012701	S.IC	HD64F3334YF16V(RX1768D)	T	246.6/57.5
IC34	1140005612	S.IC	HN58C256AFP10E	B	245.5/66
IC35	1130011180	S.IC	BU4081BF-E2	B	253.2/79.7
IC37	1110005711	S.IC	S-80842CLUA-B63-T2G	T	255.4/14.8
IC38	1180001072	S.IC	TA7805F(TE16L1,NQ)	T	235.8/14
IC39	1130013391	S.IC	CAT5113VI-50-GT3	B	72.4/57.4
IC40	1130005591	S.IC	TC74HC86AF(F) S	B	88.1/95.4
IC41	1130005121	S.IC	TC74HC74AF(EL,F)	B	77.1/95.4
IC42	1110005711	S.IC	S-80842CLUA-B63-T2G	B	40.1/55.5
IC43	1130005641	S.IC	TC4W53F(TE12L,F)	B	167/70
Q1	1530002280	S.TRA	2SC4081 T106 S	T	184.8/99.8
Q2	1580000540	S.FET	3SK131-T2-LA	B	207.5/85.6
Q3	1590001330	S.TRA	DTA114EUA T106	T	183.7/78.4
Q4	1580000540	S.FET	3SK131-T2-LA	B	205.7/71.9
Q5	1530002981	S.TRA	2SC3650-TD-E	T	166.2/90.8
Q6	1530002280	S.TRA	2SC4081 T106 S	B	173.2/62.1
Q7	1590001770	S.TRA	XP1213(TX)	T	158.3/79.2
Q8	1590002010	S.TRA	XP1114(TX)	T	183.2/32.9
Q9	1560000561	S.FET	2SK882-GR(TE85L,F)	B	213/56.8
Q10	1590001650	S.TRA	XP4601(TX)	T	211.2/39.2
Q11	1560000561	S.FET	2SK882-GR(TE85L,F)	B	220.2/38.9
Q12	1530002280	S.TRA	2SC4081 T106 S	T	215.4/43.4
Q13	1590001960	S.TRA	XP4311(TX)	T	211.1/44.8
Q14	1530002280	S.TRA	2SC4081 T106 S	B	205.5/53.4
Q15	1580000540	S.FET	3SK131-T2-LA	B	199.1/56.3
Q16	1580000540	S.FET	3SK131-T2-LA	B	114.3/63.7
Q17	1580000540	S.FET	3SK131-T2-LA	B	102.7/63.2
Q18	1530002280	S.TRA	2SC4081 T106 S	T	99.2/73.9
Q20	1590000430	S.TRA	DTC144EUA T106	T	124.1/100.9
Q21	1510000771	S.TRA	2SA1586-GR(TE85L,F)	T	120.1/100.9
Q23	1510000771	S.TRA	2SA1586-GR(TE85L,F)	B	108/98.3
Q25	1590001330	S.TRA	DTA114EUA T106	T	118.8/95.7
Q26	1590001770	S.TRA	XP1213(TX)	T	122/95.7
Q27	1530002280	S.TRA	2SC4081 T106 S	B	101/85.6
Q28	1590001451	S.FET	2SJ144-GR (TE85R,F)	B	65/98.5
Q29	1590001770	S.TRA	XP1213(TX)	T	124.9/92.4
Q30	1590000430	S.TRA	DTC144EUA T106	T	53.5/84.2
Q31	1590000430	S.TRA	DTC144EUA T106	B	155.7/72.1
Q32	1590001330	S.TRA	DTA114EUA T106	T	169/20.2
Q33	1590001770	S.TRA	XP1213(TX)	T	168.9/16.6
Q34	1590001770	S.TRA	XP1213(TX)	T	166.3/16.2
Q35	1590001001	S.TRA	RN2427(TE85L,F)	T	145.6/6
Q36	1590000430	S.TRA	DTC144EUA T106	T	150.1/10.4
Q37	1590001770	S.TRA	XP1213(TX)	T	177.4/16.7
Q39	1590001001	S.TRA	RN2427(TE85L,F)	T	182/23.2
Q40	1590001770	S.TRA	XP1213(TX)	T	180/16.7
Q41	1590002010	S.TRA	XP1114(TX)	T	177.4/20.8
Q42	1590001770	S.TRA	XP1213(TX)	T	174.1/16.7
Q43	1590002010	S.TRA	XP1114(TX)	T	174.3/20.8
Q44	1590001770	S.TRA	XP1213(TX)	T	171.5/16.7
Q45	1590002010	S.TRA	XP1114(TX)	T	171.5/20.2
Q46	1590001330	S.TRA	DTA114EUA T106	T	67.1/79.1
Q47	1530002280	S.TRA	2SC4081 T106 S	T	61/74.4
Q48	1530002280	S.TRA	2SC4081 T106 S	B	44.2/70.4
Q49	1530002280	S.TRA	2SC4081 T106 S	T	35.6/83.3
Q50	1530002280	S.TRA	2SC4081 T106 S	B	37.8/4.2
Q51	1530002801	S.TRA	2SC2873-Y(TE12R,CF)	T	62.8/26
Q52	1530002801	S.TRA	2SC2873-Y(TE12R,CF)	T	62.8/20.8
Q53	1590001650	S.TRA	XP4601(TX)	T	242/72.3
Q54	1590001770	S.TRA	XP1213(TX)	T	61.5/66.5
Q55	1590001330	S.TRA	DTA114EUA T106	T	138.7/16.1
Q56	1590001330	S.TRA	DTA114EUA T106	T	180.1/20.6
Q57	1530002280	S.TRA	2SC4081 T106 S	T	243.8/19.6
Q58	1590001960	S.TRA	XP4311(TX)	T	201.4/42.6
Q59	1590000430	S.TRA	DTC144EUA T106	B	128.7/95.4
Q60	1590000430	S.TRA	DTC144EUA T106	T	122/98.3
Q61	1590000430	S.TRA	DTC144EUA T106	B	169.2/78.3

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
Q62	1530002280	S.TRA	2SC4081 T106 S	T	51.5/72
Q63	1590000430	S.TRA	DTC144EUA T106	T	69/75.1
Q64	1530002280	S.TRA	2SC4081 T106 S	B	104.9/72.3
Q65	1560000561	S.FET	2SK882-GR(TE85L,F)	B	101.1/95.2
Q66	1530002280	S.TRA	2SC4081 T106 S	B	85/84.8
Q67	1530002280	S.TRA	2SC4081 T106 S	B	76.2/88.3
Q68	1590000430	S.TRA	DTC144EUA T106	B	79.6/88.3
Q69	1590001960	S.TRA	XP4311(TX)	T	85.5/93.5
Q70	1590000430	S.TRA	DTC144EUA T106	T	150.8/65.5
Q71	1510000701	S.TRA	2SA1736(TE12R,F)	B	17/79
Q72	1560000831	S.FET	2SK2036 (TE85L,F)	B	18.5/73.6
Q73	1560000831	S.FET	2SK2036 (TE85L,F)	B	33.1/56.9
Q74	1590000430	S.TRA	DTC144EUA T106	B	135.5/97.1
Q75	1590000430	S.TRA	DTC144EUA T106	B	138.6/86.9
Q491	1560000831	S.FET	2SK2036 (TE85L,F)	T	254/75.2
D1	1790000450	S.DIO	MA862(TX)	B	184.3/91.3
D2	1790000450	S.DIO	MA862(TX)	B	217.2/78.8
D3	1790000450	S.DIO	MA862(TX)	B	217.2/75
D4	1750000550	S.DIO	1SS355 TE-17	T	256.4/39.3
D5	1750000111	S.DIO	1SS272(TE85R,F)	T	183.3/36.4
D6	1790000450	S.DIO	MA862(TX)	B	186.4/36.6
D7	1790000450	S.DIO	MA862(TX)	B	177.4/36.7
D8	1790000450	S.DIO	MA862(TX)	B	186.4/40.8
D9	1790000450	S.DIO	MA862(TX)	B	177.4/40.8
D10	1790001211	S.DIO	1SS375-TL-E	B	219.5/46.1
D11	1790000450	S.DIO	MA862(TX)	B	143.8/53.3
D12	1790000450	S.DIO	MA862(TX)	B	115.9/56.4
D13	1790000450	S.DIO	MA862(TX)	B	139.9/77.7
D14	1790000450	S.DIO	MA862(TX)	B	119.3/76.6
D15	1790001211	S.DIO	1SS375-TL-E	T	93.4/77.7
D16	1790001211	S.DIO	1SS375-TL-E	B	134/94.5
D17	1750000550	S.DIO	1SS355 TE-17	T	125.1/98.3
D18	1750000520	S.DIO	DAN222TL	T	127.8/100.9
D19	1750000111	S.DIO	1SS272(TE85R,F)	T	119.9/91.1
D20	1790001211	S.DIO	1SS375-TL-E	B	100.9/77.7
D21	1750000520	S.DIO	DAN222TL	T	124.9/94.8
D23	1750000550	S.DIO	1SS355 TE-17	T	153/87.5
D24	1750000520	S.DIO	DAN222TL	T	258.4/39
D25	1750000111	S.DIO	1SS272(TE85R,F)	T	57.3/86.9
D26	1750000520	S.DIO	DAN222TL	T	74.6/85.3
D27	1750000550	S.DIO	1SS355 TE-17	T	63.9/85.9
D28	1750000520	S.DIO	DAN222TL	T	150.8/68.1
D29	1750000550	S.DIO	1SS355 TE-17	T	253.8/39.3
D31	1750000520	S.DIO	DAN222TL	T	71.4/79.1
D32	1750000520	S.DIO	DAN222TL	T	73.1/80.7
D33	1750000550	S.DIO	1SS355 TE-17	T	69.4/78.2
D34	1790000700	DIO	DSA3A1		
D35	1790000700	DIO	DSA3A1		
D38	1750000550	S.DIO	1SS355 TE-17	T	43.5/3.1
D39	1750000111	S.DIO	1SS272(TE85R,F)	T	79.4/30.7
D40	1750000111	S.DIO	1SS272(TE85R,F)	T	82.9/31
D41	1750000111	S.DIO	1SS272(TE85R,F)	T	87/29.2
D42	1750000111	S.DIO	1SS272(TE85R,F)	T	87.2/32.7
D43	1750000550	S.DIO	1SS355 TE-17	T	239.4/70
D44	1750000111	S.DIO	1SS272(TE85R,F)	T	141.9/19
D45	1750000550	S.DIO	1SS355 TE-17	T	10.6/22.7
D46	1750000550	S.DIO	1SS355 TE-17	T	256.6/21.8
D47	1750000111	S.DIO	1SS272(TE85R,F)	B	248/41.2
D48	1750000520	S.DIO	DAN222TL	T	248.7/42.3
D54	1730000431	S.ZEN	RD10M-T2B-A B2	T	160.1/91.8
D55	1750000550	S.DIO	1SS355 TE-17	T	147.9/9.2
D56	1710000840	S.DIO	1SR154-400 TE25	B	26.5/47.2
D57	1710000840	S.DIO	1SR154-400 TE25	B	26.5/44.1
D59	1750000550	S.DIO	1SS355 TE-17	T	77.5/99.5
D60	1750000550	S.DIO	1SS355 TE-17	T	70.4/92.1
D61	1790000450	S.DIO	MA862(TX)	B	86/64
D62	1750000520	S.DIO	DAN222TL	T	148.7/67.7
D63	1750000520	S.DIO	DAN222TL	T	147.6/24.9
D64	1750000550	S.DIO	1SS355 TE-17	T	252.4/41.1
D65	1750000550	S.DIO	1SS355 TE-17	T	259.6/44.9
D66	1750000550	S.DIO	1SS355 TE-17	T	78.3/38.4
D67	1790001241	S.DIO	MA2S7280GL	B	213.2/53.5
D68	1790001241	S.DIO	MA2S7280GL	B	212/53.5
FI1	2020001170	S.CER	SFECA10.7MS2-A-TC (SFECA10.7MS2)	T	190.2/70.5
FI2	2020001170	S.CER	SFECA10.7MS2-A-TC (SFECA10.7MS2)	T	184.3/66.4
FI3	2010000090	FIL	10M15BA (FL-75)		
FI4	2020000210	CER	CFJ455K5 (FL-65)		
FI5	2020001181	S.CER	SFPKA455KH1A-R1	T	134.5/68.2
FI6	2020001181	S.CER	SFPKA455KH1A-R1	T	124.7/68.2
FI7	2020001051	S.CER	SFPKA455KE4A-R1	T	134.8/79
FI8	2020001051	S.CER	SFPKA455KE4A-R1	T	124.7/79
X1	6070000250	S.DIS	CDSCB10M7GF122-R0	T	171.8/74.6
X2	6070000151	S.DIS	CDBKB455KCAY24-R0	T	108/72
X3	6050009661	S.XTA	MA-406 9.8304 MHz-F	T	239/41.1
L1	6200003051	S.COI	NLV32T-R82J	B	190.3/80.3
L2	6200003381	S.COI	#617PT-1837=P3	T	191.1/85.5
L3	6200003381	S.COI	#617PT-1837=P3	T	180.6/85.5
L4	6200003261	S.COI	NLV32T-101J	T	181.8/93.7
L5	6200003021	S.COI	NLV32T-R33J	B	180/98.9

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

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L6	6200000020	S.COI	LQH32MN101K23L	T	174.6/91.3
L7	6150004170	COI	LS-476		
L8	6150004170	COI	LS-476		
L9	6150004200	COI	LS-479		
L10	6150004210	COI	LS-480		
L13	6200003151	S.COI	NLV32T-180J	T	165.2/66.3
L14	6150004200	COI	LS-479		
L17	6150004210	COI	LS-480		
L18	6150004170	COI	LS-476		
L20	6200003261	S.COI	NLV32T-101J	T	222.6/34.9
L21	6150004170	COI	LS-476		
L22	6150004170	COI	LS-476		
L23	6200003261	S.COI	NLV32T-101J	T	164.9/39.2
L24	6200005501	S.COI	NLV32T-471J	B	114.8/71.5
L25	6150002271	COI	LS-451		
L26	6150002291	COI	LS-450		
L27	6200003261	S.COI	NLV32T-101J	T	116.1/76.3
L28	6200003950	S.COI	HF50ACC 322513-T	T	73.8/12.6
L29	6200003261	S.COI	NLV32T-101J	T	183.8/16.6
L30	6200003261	S.COI	NLV32T-101J	T	44.8/8.3
L31	6200003261	S.COI	NLV32T-101J	T	70.8/12.3
L32	6200003261	S.COI	NLV32T-101J	T	187.9/16.7
L33	6200003261	S.COI	NLV32T-101J	T	191.8/28.5
L34	6200003950	S.COI	HF50ACC 322513-T	T	191.8/25.5
L37	6200003950	S.COI	HF50ACC 322513-T	T	228.5/6.9
L38	6200003261	S.COI	NLV32T-101J	T	28.8/65
L39	6170000140	COI	LW-15		
L40	6200003021	S.COI	NLV32T-R33J	B	173.6/91.8
L41	6200003950	S.COI	HF50ACC 322513-T	T	155.3/91.4
L42	6200003950	S.COI	HF50ACC 322513-T	T	22.6/90.4
L43	6200003950	S.COI	HF50ACC 322513-T	T	22.6/93.8
L44	6180002690	COI	SK-17P-070-110		
L45	6200005160	S.COI	7A06L-101K-A	T	54.5/23.1
L46	6200005170	S.COI	7010-2N-1768	T	74.9/23.1
L47	6200001851	S.COI	NLV32T-5R6J	B	224.3/41.5
L48	6200005160	S.COI	7A06L-101K-A	T	52.9/42.3
L49	6200003261	S.COI	NLV32T-101J	T	104/95.8
L50	6200003261	S.COI	NLV32T-101J	T	100.6/98.3
L51	6200003261	S.COI	NLV32T-101J	T	82.1/98.8
L52	6200003261	S.COI	NLV32T-101J	T	69.2/49.9
L53	6200000020	S.COI	LQH32MN101K23L	T	171.6/91.3
L54	6200002861	S.COI	NLV25T-4R7J	T	170.6/78.4
R2	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	191.1/85.9
R3	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	181/85.5
R4	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	186.1/93.6
R5	7030003740	S.RES	ERJ3GEYJ 334 V (330K)	T	185.1/97.9
R6	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	183.2/96.6
R7	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	185.8/101.7
R8	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	204.3/80
R9	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	206/81.9
R10	7030003240	S.RES	ERJ3GEYJ 220 V (22)	B	205/85.7
R11	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	206.5/88.6
R12	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	208/82.1
R14	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	211.2/85.1
R15	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	209.9/81.9
R16	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	219.5/85.3
R17	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	221.9/77.7
R18	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	215.9/70.6
R19	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	212.7/72.1
R20	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	B	208.4/72.1
R21	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	207.1/75.1
R22	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	206.1/68.8
R23	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	201.2/76.4
R24	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	204.5/72
R25	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	205.4/75.1
R26	7030000340	S.RES	MCR10EZHJ 470 (471)	T	166/87
R27	7030003860	S.RES	ERJ3GE JPW V	B	199.1/71.6
R33	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	189.3/67.6
R34	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	166.1/74.7
R35	7030003860	S.RES	ERJ3GE JPW V	B	170.9/76.4
R36	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	B	168.3/76.4
R37	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	B	172.4/75.1
R38	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	163.9/85.7
R39	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	B	163.1/83.8
R40	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	175.3/76.9
R41	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	177.9/75.7
R42	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	T	175.5/60.9
R43	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	173.5/60.2
R44	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	172.1/78.3
R49	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	175.2/62
R50	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	176.6/62
R52	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	171.6/60.3
R55	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	B	157.1/79
R56	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	155.1/83.9
R57	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	156.7/83.9
R58	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	B	161.1/82.3
R59	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	B	162/77.5
R60	7310004880	S.TRI	EVM-3YSX50 B55 (504)	T	162.8/79.1
R61	7030003740	S.RES	ERJ3GEYJ 334 V (330K)	B	160.6/77.5
R62	7030003750	S.RES	ERJ3GEYJ 394 V (390K)	T	161.2/76.6
R65	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	155.9/74.9
R67	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	227.3/74.3
R68	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	188.8/40.7
R69	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	184.1/35.4
R70	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	181.9/34.6
R71	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	179.7/35.4
R72	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	178.9/33

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R73	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	184.1/40.5
R74	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	181.9/41.3
R75	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	179.7/40.5
R76	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	180.5/42.6
R77	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	174.4/39.9
R78	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	181.8/30.9
R79	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	B	199.6/63
R80	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	192.2/60.1
R81	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	194/59.6
R82	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	212.9/58.8
R83	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	214.5/53.6
R85	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	T	210/37.1
R88	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	222.1/39
R89	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	216.4/38.4
R90	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	215.6/42.5
R91	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	215.3/41.4
R92	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	B	212.1/45
R93	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	208.2/47.7
R94	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	B	215.2/47.1
R95	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	211.1/42.7
R96	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	211.3/51
R97	7030003240	S.RES	ERJ3GEYJ 220 V (22)	B	210.1/44.7
R98	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	208.2/45.5
R99	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	207.4/49.2
R101	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	202.3/56.3
R102	7030003240	S.RES	ERJ3GEYJ 220 V (22)	B	199/58.7
R103	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	196/56.6
R104	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	200.2/49.1
R106	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	202.6/53.9
R107	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	165.6/37.1
R108	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	140.2/66.8
R110	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	140.6/52.3
R111	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	136.6/52.3
R113	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	117/53.1
R114	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	119.6/51.5
R115	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	141.4/59.9
R116	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	140.6/54.3
R117	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	137.7/54.3
R118	7030003860	S.RES	ERJ3GE JPW V	B	118.2/60.3
R119	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	118.2/57.6
R120	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	119/55.4
R121	7030003860	S.RES	ERJ3GE JPW V	B	138.5/72.3
R122	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	136.9/76.7
R123	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	134.2/76.7
R124	7030003860	S.RES	ERJ3GE JPW V	B	121.6/73.6
R125	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	122.4/75.6
R126	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	126.2/75.9
R127	7030003860	S.RES	ERJ3GE JPW V	B	139.7/81.9
R128	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	136.9/78.7
R129	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	134.2/78.7
R130	7030003860	S.RES	ERJ3GE JPW V	B	121.6/79.6
R131	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	122.4/77.6
R132	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	126.2/79.5
R133	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	119/63.4
R134	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	116.6/66.9
R135	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	114.7/60.6
R136	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	114.1/67.4
R137	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	114.3/66.9
R138	7510001390	S.THE	NTCG20 3FH 332JT	T	103.4/65.7
R139	7310004820	S.TRI	EVM-3YSX50 B33 (302)	T	103.6/61.2
R140	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	105.8/67.3
R141	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	102.7/59.7
R142	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	101.8/66.1
R143	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	101.8/67.4
R144	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	112.7/74.3
R145	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	115.4/75.6
R146	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	92.5/72.3
R147	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	93.3/74.2
R148	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	92.5/78.9
R149	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	89.7/78.9
R150	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	89.7/76.9
R151	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	86/64
R152	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	101.1/74
R153	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	100/70.7
R154	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	97.3/74
R155	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	91.4/78.8
R156	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	93.5/82.2
R157	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	93.5/80.9
R158	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	91.5/83
R159	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	88.6/83
R160	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	B	107.2/80.1
R163	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	T	114.9/82.2
R164	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	113.4/85.2
R165	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	113.4/87.8
R166	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	110.7/90.8
R167	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	78.2/75.3
R168	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	137.9/96
R169	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	137.9/98.9
R170	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	161.3/71.7
R173	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	160.5/67.5
R174	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	158.6/73.5
R175	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	160.3/66.8
R176	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	126.1/100.9
R178	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	114.9/100.8
R179	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	110.2/100.2
R180	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	110.2/97.3
R181	7030003610	S.RES	ERJ3GEYJ 273 V (27K)	B	111.6/100
R182	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	B	114.2/93.9
R183	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	116.3/96.3

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

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R184	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	B	108.3/93.3
R186	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	120.5/93.5
R187	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	101.8/87.7
R188	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	B	100.9/80.8
R190	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	92.3/52.6
R191	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	B	117.1/102.1
R192	7510001390	S.THE	NTCG20 3FH 332JT	B	114.1/102.4
R193	7030005451	S.RES	ERA3YED 153V (15K)	T	128.7/98.4
R194	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	B	119/102.2
R195	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	118.7/100.2
R196	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	121.8/95.3
R197	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	B	118.2/97.9
R199	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	137.6/91.6
R200	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	47.5/86.4
R201	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	47.7/83.2
R202	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	43.1/89.1
R203	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	46.4/84.8
R204	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	41.8/85.4
R205	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	45.2/90.6
R206	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	38.6/90.3
R207	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	41.6/89.9
R208	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	58.5/93.5
R209	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	51.3/87.3
R210	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	51.7/95.7
R211	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	B	66.4/95.1
R212	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	58.5/92.3
R213	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	64.5/95.9
R214	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	62.8/98.6
R215	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	72.1/85.9
R216	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	61.4/91
R217	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	55.4/89.8
R218	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	58.3/90
R219	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	56.5/91.7
R220	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	57.6/88.7
R221	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	60.7/85.9
R222	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	65.1/89.4
R224	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	B	56.8/85.7
R225	7030003740	S.RES	ERJ3GEYJ 334 V (330K)	T	56.4/84.5
R226	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	72.1/84.6
R227	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	60.7/85.7
R228	7030003810	S.RES	ERJ3GEYJ 125 V (1.2M)	B	59/89.5
R229	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	53.5/87.3
R230	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	131.7/90.5
R231	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	151.9/73.1
R232	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	153.5/68
R233	7310004870	S.TRI	EVM-3YSX50 B54 (503)	T	154.8/65
R234	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	154.4/78.2
R235	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	151/76
R236	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	151.8/79.3
R237	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	149.8/68.9
R238	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	155.8/70.2
R240	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	250.9/23.8
R244	7030007510	S.RES	ERJ12YJ270U (27)	B	30/3.3
R245	7030007510	S.RES	ERJ12YJ270U (27)	B	26.3/3.3
R246	7410001070	S.ARR	EXB-V8V 221V (220)	T	166.2/21.9
R247	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	75.7/72.8
R248	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	65.9/78.3
R249	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	64.5/77.5
R250	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	65.3/75.3
R251	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	B	56.4/72.3
R252	7310005480	TRI	VZ067TL1 B503 (50K)		
R253	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	48/73.3
R254	7310005480	TRI	VZ067TL1 B503 (50K)		
R255	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	46.4/73.3
R256	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	B	44.2/72.5
R257	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	43.9/76.4
R258	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	44.2/68.2
R259	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	44.7/63.9
R260	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	43.4/59.7
R261	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	43.5/62.4
R262	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	41.1/67.4
R263	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	45.3/71.7
R264	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	36.8/71.3
R265	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	27.3/59.3
R266	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	48.3/84.2
R267	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	33.4/76.4
R268	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	T	37.7/81.3
R269	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	37.7/84
R270	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	41.8/77.2
R271	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	35.5/81.2
R272	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	35.5/85.2
R273	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	33.4/85.9
R274	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	23.8/64.1
R275	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	23.8/65.4
R276	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	17.5/73.9
R277	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	18.8/69.8
R278	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)	T	30.4/78.5
R279	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	4.9/33.5
R280	7310004780	S.TRI	EVM-3YSX50 B13 (102)	T	9/33.5
R281	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	13.1/32.5
R282	7030010540	S.RES	ERJ1TYJ 330U (33)	B	12.2/29.9
R283	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	37.8/1
R284	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	37.8/2.3
R285	7030010540	S.RES	ERJ1TYJ 330U (33)	B	12.2/25.8
R286	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	59.5/23.2
R287	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	59.4/26.7
R288	7030006220	S.RES	ERJ12YJ470U (47)	B	74.7/35.6
R289	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	86.8/37.9
R290	7030007510	S.RES	ERJ12YJ270U (27)	B	86.6/23.1

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R291	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	95.1/30.5
R292	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	251.4/70.9
R293	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	244.4/72.3
R294	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	242.8/74.2
R295	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	239.5/72.3
R296	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	238.2/72.3
R297	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	58.2/66.1
R298	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	64.3/69.7
R299	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	66.7/75.8
R300	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	69.3/71.5
R301	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	T	68.9/59.3
R302	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	65.1/71
R303	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	65.1/72.3
R304	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	67.9/55.7
R305	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	T	68.9/57.3
R306	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	64/56.2
R307	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	63.7/63.9
R308	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	62.7/56.2
R309	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	B	69.1/68.6
R310	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	70.5/65.8
R311	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	58.2/61
R312	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	61.4/56.2
R315	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	112.4/73.4
R316	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	112.1/85.2
R317	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	106/84.5
R318	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	B	107.8/83.7
R319	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	B	123.7/95.3
R320	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	B	125.1/95.3
R322	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	128.7/99.1
R323	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	86.1/58.7
R324	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	95.5/84.1
R325	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	40.4/6.9
R326	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	46.2/56.4
R329	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	127.6/93.3
R330	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	246.6/54.1
R331	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	246.6/52.8
R332	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	246.6/51.5
R333	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	258.8/19.2
R334	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	258.8/15.8
R335	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	247.6/20.8
R336	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	251.9/21.6
R337	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	253.8/20.8
R338	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	T	250/20.8
R339	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	252.8/38.3
R340	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	252.3/33.5
R341	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	252.3/36.9
R342	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	258.3/68.5
R343	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	259.1/70.5
R344	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	255.2/33
R345	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	253.6/25.1
R346	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	253.6/23.8
R347	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	258.6/61.4
R348	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	255.2/30.4
R349	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	247.7/46.1
R350	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	249.3/40.6
R351	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	236.2/51.1
R352	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	T	253.8/71.7
R353	7030003860	S.RES	ERJ3GE JPW V	B	257/62.4
R354	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	254.4/26.5
R355	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	254.4/27.8
R356	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	255.2/29.1
R357	7030010610	S.RES	ERJ1TYJ 470U (47)	T	233.5/5.1
R358	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	253.8/72.9
R359	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	250/4.9
R361	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	153.6/84.5
R362	7510001380	S.THE	NTCG20 3JH 472JT	T	153.8/82.9
R364	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	124.4/93.3
R365	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	71.8/62.5
R366	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	B	66.1/58.8
R367	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	105/66.3
R368	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	97.2/62.1
R370	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	82.3/61.4
R371	7030003410	S.RES	ERJ3GEYJ 561 V (560)	B	183.3/37.5
R372	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	209.3/43.2
R373	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	196.3/81.8
R374	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	221.9/76.1
R375	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	184.5/30.9
R376	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	170.4/34.7
R377	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	68.9/58
R378	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	61.8/60.5
R379	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	49.1/72.2
R380	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	51.5/70
R381	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	51.5/73.9
R382	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	48.3/70
R383	7030003550	S.RES	ERJ3GEYJ 822 V (8.2K)	T	89.4/81
R384	7030003350	S.RES	ERJ3GEYJ 181 V (180)	B	222.2/52.4
R385	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	191.1/88
R386	7030003270	S.RES	ERJ3GEYJ 390 V (39)	B	189/88.8
R387	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	191.1/89.6
R388	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	201.7/84.9
R389	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	129.7/70.3
R390	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	89/56.2
R391	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	91.1/57
R392	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	119.7/98.3
R393	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	122.1/100.9
R394	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	125/96.5
R395	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	58.2/67.9
R396	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	72.7/72.8
R397	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	72.7/71.4

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

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R398	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	75.5/71
R399	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	110.3/100
R400	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	112.9/100
R401	7030003670	S.RES	ERJ3GEYJ 823 V (82K)	B	114.9/99.2
R402	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	39/6.9
R403	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	173.5/76.4
R404	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	107.9/88.4
R406	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	144/91.7
R407	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	47.2/69.6
R408	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	63.7/63.3
R409	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	58.8/54.3
R410	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	74.3/50.1
R411	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	39.9/84.6
R412	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	37.9/84.9
R413	7030003650	S.RES	ERJ3GEYJ 563 V (56K)	B	107/90.8
R414	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	81.8/72.7
R415	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	79/72.5
R416	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	78.1/62.4
R417	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	106.9/72.2
R418	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	106.9/69.3
R419	7030003420	S.RES	ERJ3GEYJ 681 V (680)	B	109.7/74.3
R420	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	106.9/74.3
R421	7030003430	S.RES	ERJ3GEYJ 821 V (820)	B	108.9/70.1
R423	7030003860	S.RES	ERJ3GE JPW V	B	33.7/66.8
R424	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	78.5/61.1
R425	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	B	30.6/66.8
R426	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	100/100.5
R427	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	100/97.8
R428	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	101.1/93.3
R429	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	89.2/86.8
R430	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	87.1/84.7
R431	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	87.1/81.8
R432	7030003420	S.RES	ERJ3GEYJ 681 V (680)	B	86.5/86.8
R433	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	89.2/82.6
R435	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	B	93.3/98.6
R436	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	92.5/100.6
R437	7030003840	S.RES	ERJ3GEYJ 225 V (2.2M)	B	94.6/94.6
R438	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	93.3/94.6
R439	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	81.1/101.5
R440	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	82.7/94.5
R441	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	82.9/98.6
R442	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	71.9/98.8
R443	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	71.9/95.5
R444	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	70.3/92.4
R445	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	72.5/90.4
R446	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	72.8/92.1
R447	7310004860	S.TRI	EVM-3YSX50 B53 (502)	T	67.7/95.1
R448	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	72.8/90.8
R450	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	84.7/60
R451	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	88.9/66.2
R452	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	84.3/66.4
R454	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	101.7/82.8
R455	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	72.9/50.1
R456	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	245.5/46.1
R457	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	253.6/33.5
R458	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	252.4/45.8
R459	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	253.7/45.8
R460	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	240.4/44.5
R461	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	241.7/44.1
R462	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	241.3/47.1
R463	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	240/47.5
R464	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	242.3/49.3
R465	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	242.3/50.6
R466	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	242.8/51.9
R467	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	243.2/53.2
R468	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	255.7/66.1
R469	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	255.5/67.4
R470	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	255.2/68.7
R471	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	251.2/68.6
R472	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	237.2/52.9
R473	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	238.5/52.9
R474	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	239.8/52.9
R475	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	250.4/38.3
R476	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	249.1/38.3
R477	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	112.5/97.2
R478	7510001410	S.THE	NTCG20 3FH 222JT	B	114.1/96.9
R480	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	114.9/83.4
R481	7030007510	S.RES	ERJ12YJ270U (27)	B	33.7/3.3
R482	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	68.1/61.3
R483	7030000440	S.RES	MCR10EZHJ 3.3K (332)	B	14.1/74.7
R484	7030000440	S.RES	MCR10EZHJ 3.3K (332)	B	16/74.7
R485	7030003720	S.RES	ERJ3GEYJ 224 V (220K)	B	22/71.8
R486	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	35.6/56.3
R487	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	193.4/55.9
R488	7510001370	S.THE	NTCG20 3NH 153JT	B	191.8/55.7
R490	7510001400	S.THE	NTCG20 3BH 152JT	B	115.1/77.2
R491	7030007510	S.RES	ERJ12YJ270U (27)	B	15/84
R492	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	84.8/71.9
R493	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	83/72.7
R494	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	253.8/77.6
R495	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	95.8/72.7
R496	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	251.9/76.4
R497	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	160.3/68.3
R498	7030003580	S.RES	ERJ3GEYJ 153 V (15K)	B	163.2/66.8
R499	7510001370	S.THE	NTCG20 3NH 153JT	B	163.5/65.2
R500	7510001360	S.THE	NTCG20 3SH 333JT	B	119.3/95.5
R502	7510001400	S.THE	NTCG20 3BH 152JT	B	207.1/78.3
R503	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	108.3/96.1
R504	7310004860	S.TRI	EVM-3YSX50 B53 (502)	T	208.1/85.9

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R505	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	30.4/84.7
R506	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	251.9/73.8
R507	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	107.2/67.5
R508	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	104.8/87.1
R509	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	153.3/85.9
R510	7030006200	S.RES	ERJ12YJ2R7U (2.7)	B	8.8/83.3
R511	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	139.4/95.4
R512	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	B	141.6/96.2
R513	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	163.5/71.5
R514	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	171.3/72
R515	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)	T	169.4/89.5
R516	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K) [EUR-02] only	T	257.7/76
R518	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	257.7/73.2
R519	7030003860	S.RES	ERJ3GE JPW V	T	256.9/79.4
R520	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	224.1/55.2
R521	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	223.4/52.8
R525	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	178.3/63.6
R526	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	179.5/63.6
R527	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	176.2/68.4
R528	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	178.3/67.6
R529	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	177.5/61.7
R530	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	168.5/64.4
R531	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	221.3/44.1
R532	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	218.8/41.5
R533	7030003860	S.RES	ERJ3GE JPW V	T	218/39.6
R534	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	B	223/32.7
R535	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	226.6/48.9
R536	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	226.6/51.8
R537	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	B	185.3/98.4
R538	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	B	224/44.9
R539	7030004010	S.RES	ERJ3GEYJ 2R2 V (2.2)	B	222.2/46.9
R540	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	215.4/40.1
R1004	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	129.6/82.1
C1	4030010760	S.CER	C1608 CH 1H 331J-T	B	193.1/78.8
C2	4030010760	S.CER	C1608 CH 1H 331J-T	B	193.1/81.8
C3	4030008920	S.CER	C1608 JB 1H 473K-T	B	185.3/95.8
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	185.2/94.3
C5	4030008920	S.CER	C1608 JB 1H 473K-T	T	185.1/96.6
C6	4030008920	S.CER	C1608 JB 1H 473K-T	T	182.7/101.6
C7	4030007170	S.CER	C1608 CH 1H 221J-T	T	179.4/100.3
C8	4030007110	S.CER	C1608 CH 1H 680J-T	T	181.8/99.5
C9	4030007170	S.CER	C1608 CH 1H 221J-T	T	179.4/98.7
C10	4030008920	S.CER	C1608 JB 1H 473K-T	T	178.4/94.9
C11	4030008920	S.CER	C1608 JB 1H 473K-T	B	198.7/80
C12	4030008920	S.CER	C1608 JB 1H 473K-T	B	203/80
C13	4030009000	S.CER	C2012 JB 1C 224K-T	B	208.1/89.1
C14	4030008920	S.CER	C1608 JB 1H 473K-T	B	209.3/82.1
C15	4030008920	S.CER	C1608 JB 1H 473K-T	T	208.5/80.3
C16	4030008920	S.CER	C1608 JB 1H 473K-T	B	211.2/82.1
C17	4030008920	S.CER	C1608 JB 1H 473K-T	B	219.5/88
C18	4030006860	S.CER	C1608 JB 1H 102K-T	B	219.6/76.9
C19	4030011600	S.CER	C1608 JB 1E 104K-T	B	217.2/69
C20	4030011600	S.CER	C1608 JB 1E 104K-T	B	208.4/75.1
C21	4030006880	S.CER	C1608 JB 1H 472K-T	B	207.4/68.8
C22	4030011600	S.CER	C1608 JB 1E 104K-T	B	202.8/75.1
C23	4030006880	S.CER	C1608 JB 1H 472K-T	B	204.1/75.1
C24	4030011600	S.CER	C1608 JB 1E 104K-T	B	199/73.4
C25	4030006880	S.CER	C1608 JB 1H 472K-T	B	196.4/71.6
C26	4030011600	S.CER	C1608 JB 1E 104K-T	T	169.2/87.5
C27	4030011600	S.CER	C1608 JB 1E 104K-T	T	162.8/91.8
C28	4510008500	S.ELE	EEE1CA101WP	T	159.7/85.6
C30	4030011600	S.CER	C1608 JB 1E 104K-T	T	181.2/69.8
C31	4510009280	S.ELE	EEE1EA4R7SR	T	169.1/69.7
C32	4030006880	S.CER	C1608 JB 1H 472K-T	T	172.6/70.5
C33	4030006900	S.CER	C1608 JB 1H 103K-T	T	181.7/72.9
C34	4030006900	S.CER	C1608 JB 1H 103K-T	T	167.4/78.4
C38	4030006900	S.CER	C1608 JB 1H 103K-T	B	166.4/77.1
C39	4030008880	S.CER	C1608 JB 1H 223K-T	T	164.6/83.7
C40	4030006850	S.CER	C1608 JB 1H 471K-T	T	177.9/76.9
C41	4030011600	S.CER	C1608 JB 1E 104K-T	T	173.5/61.5
C43	4030011600	S.CER	C1608 JB 1E 104K-T	B	154.5/74.9
C44	4030011600	S.CER	C1608 JB 1E 104K-T	B	86.1/57.4
C45	4030011600	S.CER	C1608 JB 1E 104K-T	T	163.3/75.7
C46	4030011600	S.CER	C1608 JB 1E 104K-T	B	225.2/76.5
C47	4030011600	S.CER	C1608 JB 1E 104K-T	B	189.6/38.7
C48	4030011600	S.CER	C1608 JB 1E 104K-T	B	183.3/33.3
C50	4030009530	S.CER	C1608 CH 1H 030B-T	B	216.9/65
C52	4030011600	S.CER	C1608 JB 1E 104K-T	B	178.9/31.7
C53	4030011600	S.CER	C1608 JB 1E 104K-T	T	183.4/42.9
C54	4030011600	S.CER	C1608 JB 1E 104K-T	B	183.3/42.6
C55	4030011600	S.CER	C1608 JB 1E 104K-T	B	180.5/43.9
C56	4030011600	S.CER	C1608 JB 1E 104K-T	T	177.7/33
C57	4030011600	S.CER	C1608 JB 1E 104K-T	B	195.8/59.5
C58	4030009520	S.CER	C1608 CH 1H 020B-T	B	208.6/60.6
C59	4030011600	S.CER	C1608 JB 1E 104K-T	B	214.5/50.4
C60	4030006880	S.CER	C1608 JB 1H 472K-T	B	213.2/50.4
C61	4030011600	S.CER	C1608 JB 1E 104K-T	T	224.9/53.3
C62	4030011600	S.CER	C1608 JB 1E 104K-T	T	224.1/50.9
C63	4030011600	S.CER	C1608 JB 1E 104K-T	T	220/44.1
C64	4030011600	S.CER	C1608 JB 1E 104K-T	T	218.8/44.1
C65	4550003240	S.TAN	TEESVB 1E 335M12R	T	209.8/32.8
C66	4030011600	S.CER	C1608 JB 1E 104K-T	T	225/44.7
C68	4030006880	S.CER	C1608 JB 1H 472K-T	B	213.3/38.4
C69	4030011600	S.CER	C1608 JB 1E 104K-T	B	214.8/40.4
C70	4030007140	S.CER	C1608 CH 1H 121J-T	B	218/41.6
C71	4030007170	S.CER	C1608 CH 1H 221J-T	B	217.6/46.2

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

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REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C72	4510009280	S.ELE	EEE1EA4R7SR	T	210.7/49
C73	4030008920	S.CER	C1608 JB 1H 473K-T	T	208.9/43.5
C74	4510008540	S.ELE	EEE1CA100SR	T	211.8/54.5
C75	4030011600	S.CER	C1608 JB 1E 104K-T	B	211.2/48.7
C76	4030006880	S.CER	C1608 JB 1H 472K-T	B	196.2/54.2
C77	4030011600	S.CER	C1608 JB 1E 104K-T	B	202.3/53.1
C78	4030011600	S.CER	C1608 JB 1E 104K-T	B	203.3/45.4
C79	4030011600	S.CER	C1608 JB 1E 104K-T	B	174.3/37.7
C80	4030007030	S.CER	C1608 CH 1H 150J-T	B	167.7/37.4
C81	4030011600	S.CER	C1608 JB 1E 104K-T	T	175.4/37.5
C82	4030011600	S.CER	C1608 JB 1E 104K-T	T	168.9/36
C83	4030006860	S.CER	C1608 JB 1H 102K-T	T	163.2/41.4
C84	4030011600	S.CER	C1608 JB 1E 104K-T	T	163.2/42.6
C85	4030011600	S.CER	C1608 JB 1E 104K-T	B	138.6/51.5
C86	4030011600	S.CER	C1608 JB 1E 104K-T	B	118.3/51.5
C87	4030011600	S.CER	C1608 JB 1E 104K-T	B	138/56.3
C88	4030011600	S.CER	C1608 JB 1E 104K-T	B	119/54.1
C89	4030011600	S.CER	C1608 JB 1E 104K-T	B	136.1/74.8
C90	4030011600	S.CER	C1608 JB 1E 104K-T	B	124.9/75.9
C91	4030011600	S.CER	C1608 JB 1E 104K-T	B	136.1/80.6
C92	4030011600	S.CER	C1608 JB 1E 104K-T	B	124.9/79.5
C93	4030011600	S.CER	C1608 JB 1E 104K-T	B	117.4/64.7
C94	4030011600	S.CER	C1608 JB 1E 104K-T	B	115.8/68.8
C95	4030006880	S.CER	C1608 JB 1H 472K-T	B	113.4/60.6
C96	4030011600	S.CER	C1608 JB 1E 104K-T	B	113/66.9
C97	4030011600	S.CER	C1608 JB 1E 104K-T	B	111.6/57.6
C98	4030011600	S.CER	C1608 JB 1E 104K-T	T	109.9/67.5
C99	4030011600	S.CER	C1608 JB 1E 104K-T	B	104.5/65.6
C100	4030006880	S.CER	C1608 JB 1H 472K-T	B	101.4/59.7
C101	4030011600	S.CER	C1608 JB 1E 104K-T	B	101.8/66.1
C102	4030011600	S.CER	C1608 JB 1E 104K-T	B	99.5/57.5
C103	4030011600	S.CER	C1608 JB 1E 104K-T	B	115.4/74.3
C104	4030007170	S.CER	C1608 CH 1H 221J-T	B	92.6/71
C105	4030006850	S.CER	C1608 JB 1H 471K-T	B	86.9/67.2
C106	4030011600	S.CER	C1608 JB 1E 104K-T	T	88.3/71.4
C107	4030011600	S.CER	C1608 JB 1E 104K-T	T	95/67.4
C108	4030006880	S.CER	C1608 JB 1H 472K-T	B	91.7/74.2
C109	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.3/76.9
C110	4030006880	S.CER	C1608 JB 1H 472K-T	B	91.7/76.9
C111	4030007170	S.CER	C1608 CH 1H 221J-T	T	102.5/74
C112	4030011600	S.CER	C1608 JB 1E 104K-T	B	104.9/75.1
C113	4030011600	S.CER	C1608 JB 1E 104K-T	T	98.5/71.9
C114	4030007150	S.CER	C1608 CH 1H 151J-T	B	97.7/74.6
C115	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/75.7
C116	4030011600	S.CER	C1608 JB 1E 104K-T	T	95.5/81.4
C117	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/79.6
C118	4030011600	S.CER	C1608 JB 1E 104K-T	T	90.2/83
C120	4030011600	S.CER	C1608 JB 1E 104K-T	B	109.7/83
C122	4030011600	S.CER	C1608 JB 1E 104K-T	T	112.4/70.6
C123	4030007130	S.CER	C1608 CH 1H 101J-T	T	109.1/75.9
C124	4030006900	S.CER	C1608 JB 1H 103K-T	T	113.5/77.4
C125	4510008540	S.ELE	EEE1CA100SR	T	115.4/71.9
C126	4030006900	S.CER	C1608 JB 1H 103K-T	T	115.6/80.3
C127	4030008900	S.CER	C1608 JB 1H 333K-T	B	114.6/85.2
C128	4030008900	S.CER	C1608 JB 1H 333K-T	B	112.1/89.5
C129	4030011600	S.CER	C1608 JB 1E 104K-T	T	79.8/75.3
C130	4030011600	S.CER	C1608 JB 1E 104K-T	B	136.5/93.9
C131	4510008540	S.ELE	EEE1CA100SR	T	156.8/72.5
C132	4030011600	S.CER	C1608 JB 1E 104K-T	B	160.3/65.4
C133	4030008920	S.CER	C1608 JB 1H 473K-T	B	116.8/100
C134	4510008530	S.ELE	EEE1HA2R2SR	T	114.2/101.2
C135	4510008540	S.ELE	EEE1CA100SR	T	114.2/96.3
C136	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.3/94.7
C137	4550002890	S.TAN	TEESVA 1A 225M8R	B	110.7/96
C138	4030011810	S.CER	C1608 JB 1A 224K-T	B	101.8/89.2
C139	4030007130	S.CER	C1608 CH 1H 101J-T	T	100.9/77.3
C140	4510009150	S.ELE	EEE1EA470WP	T	100.9/81.5
C141	4030006860	S.CER	C1608 JB 1H 102K-T	B	119.5/97.9
C142	4510008540	S.ELE	EEE1CA100SR	T	136.8/95.2
C143	4030006880	S.CER	C1608 JB 1H 472K-T	B	45.1/86.4
C144	4510009150	S.ELE	EEE1EA470WP	T	41.5/100.2
C145	4030008920	S.CER	C1608 JB 1H 473K-T	B	41.8/88.3
C146	4510008530	S.ELE	EEE1HA2R2SR	T	39.6/93.6
C147	4030006880	S.CER	C1608 JB 1H 472K-T	B	39.5/87.1
C148	4030006900	S.CER	C1608 JB 1H 103K-T	T	44.3/89.9
C149	4030006900	S.CER	C1608 JB 1H 103K-T	T	48.5/95.7
C150	4030006900	S.CER	C1608 JB 1H 103K-T	B	45.2/92.8
C151	4510008860	S.ELE	EEE1AA100NR	T	56.7/95.4
C152	4510009280	S.ELE	EEE1EA4R7SR	T	62/99.5
C153	4030010210	S.CER	C3216 JB 1C 105M-T	B	65/101.2
C154	4030009110	S.CER	C3216 JB 1C 474K-T	B	63.2/93.6
C155	4510008500	S.ELE	EEE1CA101WP	T	50.7/91.4
C157	4510008530	S.ELE	EEE1HA2R2SR	T	67.7/85.9
C158	4510008540	S.ELE	EEE1CA100SR	T	147/78.5
C159	4510008540	S.ELE	EEE1CA100SR	T	147.8/71.9
C160	4030006880	S.CER	C1608 JB 1H 472K-T	B	148.6/70.2
C161	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.1/9.6
C162	4030006860	S.CER	C1608 JB 1H 102K-T	T	78.9/1.7
C163	4030006860	S.CER	C1608 JB 1H 102K-T	T	80.2/1.7
C164	4030006860	S.CER	C1608 JB 1H 102K-T	T	81.5/1.7
C165	4030006860	S.CER	C1608 JB 1H 102K-T	T	186.7/19.2
C166	4030006860	S.CER	C1608 JB 1H 102K-T	T	187.6/2
C167	4030006860	S.CER	C1608 JB 1H 102K-T	T	193.6/2
C168	4030006860	S.CER	C1608 JB 1H 102K-T	T	45.4/4.9
C169	4030006860	S.CER	C1608 JB 1H 102K-T	T	186.3/2
C170	4030006860	S.CER	C1608 JB 1H 102K-T	T	204.9/16.4
C172	4030006860	S.CER	C1608 JB 1H 102K-T	T	44.1/11.7
C180	4030006860	S.CER	C1608 JB 1H 102K-T	T	71.1/9.6
C186	4030006860	S.CER	C1608 JB 1H 102K-T	T	180.9/8.5

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REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C187	4030006860	S.CER	C1608 JB 1H 102K-T	B	259.1/71.8
C188	4030006860	S.CER	C1608 JB 1H 102K-T	T	189/28.7
C189	4030006860	S.CER	C1608 JB 1H 102K-T	T	188.2/23.3
C191	4030011600	S.CER	C1608 JB 1E 104K-T	T	227.7/9.4
C193	4030011600	S.CER	C1608 JB 1E 104K-T	T	247.8/68.9
C194	4030011600	S.CER	C1608 JB 1E 104K-T	T	80.5/60
C196	4030006900	S.CER	C1608 JB 1H 103K-T	T	162.1/2.7
C197	4030006900	S.CER	C1608 JB 1H 103K-T	T	152.6/2.7
C198	4030010210	S.CER	C3216 JB 1C 105M-T	B	20.8/2.8
C199	4030011600	S.CER	C1608 JB 1E 104K-T	T	21/5
C200	4510008500	S.ELE	EEE1CA101WP	T	15.6/10.5
C201	4030006900	S.CER	C1608 JB 1H 103K-T	T	171.7/2.7
C202	4030006900	S.CER	C1608 JB 1H 103K-T	B	78.3/79.9
C203	4030006880	S.CER	C1608 JB 1H 472K-T	T	67.2/77.2
C204	4030009000	S.CER	C2012 JB 1C 224K-T	T	64.6/80.7
C206	4030011600	S.CER	C1608 JB 1E 104K-T	B	47.2/71
C207	4510008540	S.ELE	EEE1CA100SR	T	37/77.6
C208	4030011600	S.CER	C1608 JB 1E 104K-T	B	46.4/67.4
C209	4030009110	S.CER	C3216 JB 1C 474K-T	T	42.8/66.2
C210	4510008540	S.ELE	EEE1CA100SR	T	35.2/61.2
C211	4510008830	S.ELE	EEE1CA221P	T	20.6/58.6
C212	4550006080	S.TAN	TEESVB2 1C 106M8R	T	41.1/71.7
C213	4030006850	S.CER	C1608 JB 1H 471K-T	T	36.8/69.8
C215	4030009000	S.CER	C2012 JB 1C 224K-T	T	28.8/62.2
C216	4030006880	S.CER	C1608 JB 1H 472K-T	T	31.5/66.4
C217	4030006880	S.CER	C1608 JB 1H 472K-T	T	50.9/84.2
C218	4030011600	S.CER	C1608 JB 1E 104K-T	T	33.4/79.4
C219	4510009150	S.ELE	EEE1EA470WP	T	42.5/81.6
C220	4030011600	S.CER	C1608 JB 1E 104K-T	T	33.4/82.9
C221	4030006880	S.CER	C1608 JB 1H 472K-T	T	35.6/86.7
C222	4030006860	S.CER	C1608 JB 1H 102K-T	T	15.6/63.8
C223	4510009150	S.ELE	EEE1EA470WP	T	11/61.7
C224	4510008830	S.ELE	EEE1CA221P	T	12/69.8
C225	4510009150	S.ELE	EEE1EA470WP	T	11.8/77.9
C226	4510008510	S.ELE	EEE1CA471P	T	25.4/72.4
C227	4510004601	ELE	16 ME 1000 HC		
C228	4030011600	S.CER	C1608 JB 1E 104K-T	B	9/89
C229	4030011600	S.CER	C1608 JB 1E 104K-T	T	31.2/80.5
C230	4030006880	S.CER	C1608 JB 1H 472K-T	T	30.4/86.3
C231	4030007090	S.CER	C1608 CH 1H 470J-T	B	170.2/92.4
C232	4030006860	S.CER	C1608 JB 1H 102K-T	B	157.8/93
C233	4510009280	S.ELE	EEE1EA4R7SR	T	19.3/65.4
C235	4030006880	S.CER	C1608 JB 1H 472K-T	T	25.4/98.2
C236	4030006900	S.CER	C1608 JB 1H 103K-T	T	25.4/99.6
C238	4030006880	S.CER	C1608 JB 1H 472K-T	T	15/95.7
C239	4030018980	S.CER	C1608 JB 1H 104K-T	B	5.4/20.5
C240	4030018980	S.CER	C1608 JB 1H 104K-T	B	6.3/26.6
C241	4510009150	S.ELE	EEE1EA470WP	T	11.7/27.8
C242	4510004510	ELE	25 ME 470 HC		
C243	4030018980	S.CER	C1608 JB 1H 104K-T	B	27.8/40
C244	4510008540	S.ELE	EEE1CA100SR	T	17.4/51.1
C245	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.4/50.9
C246	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.4/54.2
C247	4510008540	S.ELE	EEE1CA100SR	T	12.6/54.2
C248	4510008830	S.ELE	EEE1CA221P	T	62.3/42.1
C249	4030011600	S.CER	C1608 JB 1E 104K-T	T	57.8/38.2
C250	4030011600	S.CER	C1608 JB 1E 104K-T	T	54/27.1
C251	4510008830	S.ELE	EEE1CA221P	T	52.2/33.1
C252	4340000530	S.MYL	ECHU1H333JX5	T	67.3/23.3
C253	4510008740	S.ELE	EEE1HA330P	T	73.2/33.3
C254	4510008740	S.ELE	EEE1HA330P	T	73.2/42.1
C255	4030018980	S.CER	C1608 JB 1H 104K-T	B	72.6/41.3
C256	4030018980	S.CER	C1608 JB 1H 104K-T	B	79.8/41.3
C257	4510008880	S.ELE	EEE1VA330WP	T	83.1/41.5
C258	4510008880	S.ELE	EEE1VA330WP	T	90.4/41.5
C259	4510009150	S.ELE	EEE1EA470WP	T	86.8/22.3
C260	4510008570	S.ELE	EEE1CA220SR	T	93.3/21.9
C261	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.9/28.8
C262	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.7/28.9
C263	4510008540	S.ELE	EEE1CA100SR	T	92/28.1
C264	4510008540	S.ELE	EEE1CA100SR	T	92/32.9
C265	4030006900	S.CER	C1608 JB 1H 103K-T	T	243.6/70.4
C266	4510008540	S.ELE	EEE1CA100SR	T	243.5/82.1
C267	4510008540	S.ELE	EEE1CA100SR	T	237.5/82.1
C268	4510008540	S.ELE	EEE1CA100SR	T	237.4/77.3
C269	4510008540	S.ELE	EEE1CA100SR	T	243.4/77.3
C270	4030006900	S.CER	C1608 JB 1H 103K-T	B	246.6/83.2
C271	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/66.4
C272	4030006900	S.CER	C1608 JB 1H 103K-T	T	58.2/69.6
C273	4510008540	S.ELE	EEE1CA100SR	T	42.5/54.5
C274	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/71.5
C275	4030006900	S.CER	C1608 JB 1H 103K-T	B	77.1/63.4
C276	4030006860	S.CER	C1608 JB 1H 102K-T	B	61.8/61.8
C277	4030006860	S.CER	C1608 JB 1H 102K-T	T	58.2/58.2
C279	4510008540	S.ELE	EEE1CA100SR	T	54.4/52.1
C281	4030006850	S.CER	C1608 JB 1H 471K-T	B	110.9/85.2
C282	4030007170	S.CER	C1608 CH 1H 221J-T	B	107.2/86.5
C283	4030007170	S.CER	C1608 CH 1H 221J-T	B	108.4/86.5
C284	4030006900	S.CER	C1608 JB 1H 103K-T	T	111.6/85.8
C285	4030006880	S.CER	C1608 JB 1H 472K-T	B	131.5/97.9
C287	4030011600	S.CER	C1608 JB 1E 104K-T	B	242.6/55.4
C288	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/39.7
C289	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/42.5
C290	4030009000	S.CER	C2012 JB 1C 224K-T	T	256.6/20
C291	4030006880	S.CER	C1608 JB 1H 472K-T	B	252.3/35.6
C292	4030006880	S.CER	C1608 JB 1H 472K-T	T	258/25.1
C293	4030006880	S.CER	C1608 JB 1H 472K-T	T	257.6/23.8
C294	4030006880	S.CER	C1608 JB 1H 472K-T	T	260.3/33
C295	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.9/61.5

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

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C296	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.5/30.4
C297	4030010210	S.CER	C3216 JB 1C 105M-T	B	260.4/66.4
C298	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.7/27.8
C299	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.2/26.5
C300	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.2/29.1
C301	4030006900	S.CER	C1608 JB 1H 103K-T	B	251/84.9
C303	4510004510	ELE	25 ME 470 HC		
C304	4030018980	S.CER	C1608 JB 1H 104K-T	B	239.8/10.1
C305	4030011600	S.CER	C1608 JB 1E 104K-T	T	243.5/16.2
C306	4510009150	S.ELE	EEE1EA470WP	T	236.5/21.1
C307	4030006900	S.CER	C1608 JB 1H 103K-T	B	75.8/59.2
C308	4030006880	S.CER	C1608 JB 1H 472K-T	T	254/4.9
C309	4030007090	S.CER	C1608 CH 1H 470J-T	T	177.7/96.3
C310	4030009000	S.CER	C2012 JB 1C 224K-T	T	167/83.9
C311	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/72
C312	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/81.2
C313	4030011600	S.CER	C1608 JB 1E 104K-T	B	180.5/37.5
C314	4030010210	S.CER	C3216 JB 1C 105M-T	B	67/60.6
C315	4030010210	S.CER	C3216 JB 1C 105M-T	B	68.6/62.9
C316	4030010210	S.CER	C3216 JB 1C 105M-T	B	62.2/58.8
C317	4030006880	S.CER	C1608 JB 1H 472K-T	T	53.8/70.5
C318	4510008540	S.ELE	EEE1CA100SR	T	51.3/66.2
C319	4510008540	S.ELE	EEE1CA100SR	T	223.3/39.6
C320	4030007070	S.CER	C1608 CH 1H 330J-T	B	225/38.1
C321	4030009920	S.CER	C1608 CH 1H 050B-T	B	223.6/38.1
C322	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/83.8
C323	4030011600	S.CER	C1608 JB 1E 104K-T	B	193.8/89.6
C324	4030011600	S.CER	C1608 JB 1E 104K-T	B	138.5/73.8
C325	4030011600	S.CER	C1608 JB 1E 104K-T	B	139.7/80.6
C326	4030006900	S.CER	C1608 JB 1H 103K-T	T	181.7/74.1
C328	4510008530	S.ELE	EEE1HA2R2SR	T	44.5/93.6
C330	4030006860	S.CER	C1608 JB 1H 102K-T	B	109.9/87.7
C331	4510008540	S.ELE	EEE1CA100SR	T	141.6/94.8
C332	4030006900	S.CER	C1608 JB 1H 103K-T	B	108.8/90
C333	4030008880	S.CER	C1608 JB 1H 223K-T	T	81.2/75.3
C334	4030008880	S.CER	C1608 JB 1H 223K-T	T	80.6/72.7
C335	4030011600	S.CER	C1608 JB 1E 104K-T	B	105.6/69.3
C336	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/73
C337	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/71.4
C338	4030011600	S.CER	C1608 JB 1E 104K-T	B	177/85.5
C339	4510008540	S.ELE	EEE1CA100SR	T	105.8/100.8
C340	4030011600	S.CER	C1608 JB 1E 104K-T	B	101.3/97.8
C341	4030007090	S.CER	C1608 CH 1H 470J-T	T	95.8/76.5
C342	4030010020	S.CER	C1608 JB 1H 122K-T	T	97.8/98.3
C343	4510008540	S.ELE	EEE1CA100SR	T	86.6/100.3
C344	4030007090	S.CER	C1608 CH 1H 470J-T	B	95.3/97.8
C345	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/85.5
C346	4030007090	S.CER	C1608 CH 1H 470J-T	B	85.7/81.8
C347	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/83.9
C348	4030007170	S.CER	C1608 CH 1H 221J-T	B	96.1/93
C349	4030006880	S.CER	C1608 JB 1H 472K-T	B	75.7/101.7
C350	4030006880	S.CER	C1608 JB 1H 472K-T	B	71.9/92.4
C351	4030006880	S.CER	C1608 JB 1H 472K-T	B	72.5/89
C352	4510008530	S.ELE	EEE1HA2R2SR	T	67.7/100.6
C353	4030009000	S.CER	C2012 JB 1C 224K-T	B	79.9/85.2
C354	4030011600	S.CER	C1608 JB 1E 104K-T	B	86.1/61.3
C355	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.7/66.2
C356	4030011600	S.CER	C1608 JB 1E 104K-T	B	83.5/64.4
C357	4530000400	S.ARR	EZANCE 220M 22P	T	87.6/11.9
C358	4530000410	S.ARR	EZANCE 471M 470P	T	79.3/11.9
C359	4530000410	S.ARR	EZANCE 471M 470P	T	65.4/12.2
C360	4530000410	S.ARR	EZANCE 471M 470P	T	57.1/11.4
C361	4530000400	S.ARR	EZANCE 220M 22P	T	187.2/12.2
C362	4530000400	S.ARR	EZANCE 220M 22P	T	195.3/13.2
C363	4030007090	S.CER	C1608 CH 1H 470J-T	T	250.6/38.7
C364	4030007090	S.CER	C1608 CH 1H 470J-T	T	248.6/38.7
C365	4510004601	ELE	16 ME 1000 HC		
C367	4030011600	S.CER	C1608 JB 1E 104K-T	T	117.5/83.4
C368	4550003240	S.TAN	TEESVB 1E 335M12R	B	6.5/33.3
C369	4530000410	S.ARR	EZANCE 471M 470P	T	48.8/12.2
C370	4530000410	S.ARR	EZANCE 471M 470P	T	215.3/13
C371	4530000410	S.ARR	EZANCE 471M 470P	T	207/13
C372	4530000400	S.ARR	EZANCE 220M 22P	T	215.5/24.3
C373	4530000410	S.ARR	EZANCE 471M 470P	T	206.9/24.3
C374	4530000410	S.ARR	EZANCE 471M 470P	T	193.6/21.3
C375	4030011600	S.CER	C1608 JB 1E 104K-T	B	94.1/91.4
C376	4030011600	S.CER	C1608 JB 1E 104K-T	T	65.3/56.2
C377	4510008540	S.ELE	EEE1CA100SR	T	60.1/50.4
C378	4030010210	S.CER	C3216 JB 1C 105M-T	B	21.6/75.9
C379	4030008880	S.CER	C1608 JB 1H 223K-T	B	55.5/76.2
C380	4030009110	S.CER	C3216 JB 1C 474K-T	B	243.3/10.2
C381	4030011600	S.CER	C1608 JB 1E 104K-T	B	71.9/101.6
C382	4030011600	S.CER	C1608 JB 1E 104K-T	T	256.9/55.6
C383	4030006880	S.CER	C1608 JB 1H 472K-T	B	106/87.1
C384	4030010210	S.CER	C3216 JB 1C 105M-T	B	139.8/99.4
C385	4550006480	S.TAN	TEESVA 1C 475M8R	B	172/68.6
C386	4030011600	S.CER	C1608 JB 1E 104K-T	B	168.5/66.1
C387	4030007090	S.CER	C1608 CH 1H 470J-T	B	27/27.9
C388	4030007090	S.CER	C1608 CH 1H 470J-T	B	23/27.9
C389	4030007090	S.CER	C1608 CH 1H 470J-T	B	13.9/92.9
C390	4030007090	S.CER	C1608 CH 1H 470J-T	B	6.4/38
C391	4030007090	S.CER	C1608 CH 1H 470J-T	B	8.5/36.1
C392	4030007090	S.CER	C1608 CH 1H 470J-T	B	14.3/38.1
C393	4030007090	S.CER	C1608 CH 1H 470J-T	B	16.5/35.5
C525	4510008540	S.ELE	EEE1CA100SR	T	167.4/61.9
C526	4030006880	S.CER	C1608 JB 1H 472K-T	T	168.3/65
RL1	6330001060	REL	APQ 3311 (APQ3311K1)		

[MAIN-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
CP1	6910009670	S.CHE	HK3-S-T	T	175.6/79.7
CP2	6910009670	S.CHE	HK3-S-T	T	216/47.5
CP3	6910009670	S.CHE	HK3-S-T	T	154.8/61.1
CP4	6910009670	S.CHE	HK3-S-T	T	145.1/82
CP5	6910009670	S.CHE	HK3-S-T	T	160.6/64.9
J1	6510007020	CON	TMP-J01X-V6		
J2	6510007020	CON	TMP-J01X-V6		
J3	6510018450	CON	TMP-S01X-B1		
J4	6510007020	CON	TMP-J01X-V6		
J5	6510019761	S.CON	52610-1571(1590)	T	82.2/6
J6	6510019141	S.CON	52610-1071(1090)	T	190.1/6.4
J7	6510019761	S.CON	52610-1571(1590)	T	57.9/5.2
J8	6510019141	S.CON	52610-1071(1090)	T	209.4/6.4
J9	6510003441	CON	B08B-EH-S(LF)(SN)		
J10	6510007860	CON	PI28A-07M		
J12	6510019191	S.CON	52365-0871	T	79.7/56.7
J14	6510023650	CON	HEC0740-010618		
J15	6510011431	CON	B3P-VH(LF)(SN)		
J16	6510011441	CON	B4P-VH(LF)(SN)		
J17	6450000150	CON	JPJ2545-01-510		
J18	6450000150	CON	JPJ2545-01-510		
J19	6510007100	CON	PI28A-06M		
J20	6510007170	CON	PI28A-03M		
J21	6450000140	CON	HSJ0807-01-010		
J22	6450000140	CON	HSJ0807-01-010		
J23	6510019651	CON	DBLC-J25SAF-23L8E		
J28	6450001560	CON	PD-72		
J29	6450001560	CON	PD-72		
J30	6450001560	CON	PD-72		
J31	6450001560	CON	PD-72		
J32	6510014191	CON	A4B-3PA-2DSA(71)		
P1	6510014180	CON	A3-SP(A)		
F1	5210000221	FUS	FGMB 125V 3A PBF		
F2	6510020300	HOL	OF-429P		

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

[MIX-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	6910013081	S.IC	5MXE14-7-LF MIX	T	31/54.9
IC2	1110006990	S.IC	UPC2710TB-E3	T	27.8/62.3
IC3	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	26.5/24.3
Q1	1590000430	S.TRA	DTC144EUA T106	T	20.4/38.3
Q2	1590001770	S.TRA	XP1213(TX)	T	31/21.7
Q3	1590001310	S.TRA	XN1114(TX)	T	31/25.8
Q4	1530003451	S.TRA	2SC4835GRL	T	94.2/23.5
Q5	1530003451	S.TRA	2SC4835GRL	T	94.5/55.3
D1	1750000211	S.DIO	1SV237(TE85R,F)	T	60.6/13.2
D2	1750000531	S.DIO	1SV271(TPH3,F)	T	51.9/60
D3	1790000450	S.DIO	MA862(TX)	T	87/20.2
D4	1790000620	S.DIO	MA77(TX)	T	88.5/57.8
D5	1750000211	S.DIO	1SV237(TE85R,F)	T	13.7/61.9
D6	1750000211	S.DIO	1SV237(TE85R,F)	T	23.3/48.6
FI1	2020002280	S.DIE	MBF-778A-10-J0076	T	85.9/32
FI2	2020002270	S.DIE	MBF-778-10-J0075	T	85.9/47.5
L1	6200002820	S.COI	LQW31HN47NJ03L	T	60.9/16.9
L2	6200003331	S.COI	NLV32T-1R0J	T	53.4/13
L3	6200002370	S.COI	LQW31HN39NJ03L	T	55.8/58
L4	6200003331	S.COI	NLV32T-1R0J	T	52/56.2
L6	6200003331	S.COI	NLV32T-1R0J	T	93/18.4
L7	6200003331	S.COI	NLV32T-1R0J	T	93.8/58.1
L8	6200002320	S.COI	LQW31HN8N8J03L	T	39.2/58
L10	6180002961	S.COI	NLV32T-R18J	T	24.4/62.4
L11	6200003331	S.COI	NLV32T-1R0J	T	17.2/41.4
L12	6200005351	S.COI	LL1608-FSL10NJ	T	17/54.4
L13	6200005361	S.COI	LL1608-FSL12NJ	T	20.6/55
L14	6190001161	COI	#302HEP-1926A		
L15	6190001111	COI	#252HEP-3076A		
L16	6200012030	S.COI	LL1608-FSL22NJ	T	15.1/48.4
L17	6200005401	S.COI	LL1608-FSL27NJ	T	18.8/49
L18	6200003331	S.COI	NLV32T-1R0J	T	27.6/47
L19	6200003331	S.COI	NLV32T-1R0J	T	23.3/53.8
L21	6200005341	S.COI	LL1608-FSL8N2J	T	16.2/59.2
L23	6200005361	S.COI	LL1608-FSL12NJ	T	62.6/41.4
L120	6200003271	S.COI	NLV25T-R56J	T	40.1/38.2
L121	6200003271	S.COI	NLV25T-R56J	T	40.1/34.4
L122	6200005461	S.COI	LL1608-FSL82NJ	T	37.1/52.3
R1	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	57/14.2
R2	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	51.4/16.2
R3	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	51.4/38.6
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	63.4/14.4
R5	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	90/20.4
R6	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	95.8/19.1
R7	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	99.2/38.2
R8	7030003470	S.RES	ERJ3GEYJ 182 V (1.8K)	T	57/60
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	36.3/63.3
R10	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	35.5/61.3
R11	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	34.7/63.3
R12	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	20.8/63
R13	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	19.4/63
R14	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	16.5/63.4
R15	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	25.5/49.7
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	28.6/13.8
R17	7410000730	S.ARR	EXB-V8V 104JV (100K)	T	26.1/11.7
R18	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	31.6/29.8
R19	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	98/23.6
R20	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	99.4/54.6
R21	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	24.8/30.4
R22	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	28/30.4
R23	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	30.2/29.8
R24	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	36.9/34.1
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	71.5/15.4
C2	4030006980	S.CER	C1608 CH 1H 070D-T	T	57.2/17.3
C3	4030006860	S.CER	C1608 JB 1H 102K-T	T	57/15.6
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.8/16.2
C6	4030009990	S.CER	C1608 CH 1H 200J-T	T	62.6/49
C7	4030006980	S.CER	C1608 CH 1H 070D-T	T	59.6/57.6
C8	4030006860	S.CER	C1608 JB 1H 102K-T	T	51.4/50.6
C9	4030007090	S.CER	C1608 CH 1H 470J-T	T	51.4/43.4
C10	4030006850	S.CER	C1608 JB 1H 471K-T	T	51.4/34
C11	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.6/23.2
C12	4030007090	S.CER	C1608 CH 1H 470J-T	T	90/21.8
C13	4030007090	S.CER	C1608 CH 1H 470J-T	T	93.6/20.6
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	91.6/55.2
C17	4030007090	S.CER	C1608 CH 1H 470J-T	T	96.9/56.9
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	99.2/42.4
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	99.2/34
C20	4030006850	S.CER	C1608 JB 1H 471K-T	T	45/58.6
C21	4030009510	S.CER	C1608 CH 1H 010B-T	T	40.9/60.4
C22	4030009510	S.CER	C1608 CH 1H 010B-T	T	37.5/58.5
C23	4030006960	S.CER	C1608 CH 1H 050C-T	T	40.2/55
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	38.3/62.5
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.7/61.3
C30	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.2/63
C31	4030007090	S.CER	C1608 CH 1H 470J-T	T	31.4/63.4
C32	4030006860	S.CER	C1608 JB 1H 102K-T	T	30.1/63.4

[MIX-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C33	4030006850	S.CER	C1608 JB 1H 471K-T	T	22/42
C34	4030006960	S.CER	C1608 CH 1H 050C-T	T	17/57.2
C35	4030009560	S.CER	C1608 CH 1H R75B-T	T	17/55.8
C36	4030006960	S.CER	C1608 CH 1H 050C-T	T	19.2/56.6
C37	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	18.6/53
C38	4030009530	S.CER	C1608 CH 1H 030B-T	T	22.2/57.6
C39	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.8/17
C40	4030011600	S.CER	C1608 JB 1E 104K-T	T	26.4/31
C47	4030006960	S.CER	C1608 CH 1H 050C-T	T	15.1/51.2
C48	4030009910	S.CER	C1608 CH 1H 040B-T	T	15.1/49.8
C49	4030007010	S.CER	C1608 CH 1H 100D-T	T	17.4/50.6
C50	4030009530	S.CER	C1608 CH 1H 030B-T	T	16.8/47
C51	4030006980	S.CER	C1608 CH 1H 070D-T	T	20.2/49
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.2/46.2
C53	4030006850	S.CER	C1608 JB 1H 471K-T	T	24.1/56.7
C54	4030006860	S.CER	C1608 JB 1H 102K-T	T	24.1/51.6
C55	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.4/40.8
C56	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.7/23.6
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	97.3/53.9
C60	4030006850	S.CER	C1608 JB 1H 471K-T	T	21.4/60.8
C61	4030009520	S.CER	C1608 CH 1H 020B-T	T	45/63
C62	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-02] only	T	19.6/25.6
C63	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-02] only	T	19.6/27.8
C64	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-02] only	T	19.6/29.2
C65	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-02] only	T	19.6/34
C66	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-02] only	T	19.6/36
C67	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-02] only	T	17.8/38.2
C120	4030007120	S.CER	C1608 CH 1H 820J-T	T	38.2/39.8
C121	4030011280	S.CER	C1608 CH 1H 271J-T	T	38.2/36.9
C122	4030007120	S.CER	C1608 CH 1H 820J-T	T	38.2/34.1
J1	6510019141	S.CON	52610-1071(1090)	T	5.7/32.4
J2	6510007020	CON	TMP-J01X-V6		
EP61	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/25.4
EP62	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/26.7
EP63	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/28
EP64	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/29.3
EP65	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/33.7
EP66	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/35
EP67	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/36.3
EP68	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/37.6

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

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006990	S.IC	UPC2710TB-E3	T	13.2/10
IC2	1110006990	S.IC	UPC2710TB-E3	T	13.1/49.6
IC3	1130007700	S.IC	BU4094BCF-E2	B	27.1/69.8
IC4	1130007700	S.IC	BU4094BCF-E2	T	17.5/79.8
IC5	1160000131	S.IC	TD62783AFG(5,S,EL)	T	28.6/69.8
Q1	1560000721	S.FET	2SK2171-4-TD-E	B	54.7/74.4
Q2	1560000721	S.FET	2SK2171-4-TD-E	T	54.6/74.6
Q3	1590001840	S.TRA	XN4601(TX)	T	56/56.9
Q4	1590001001	S.TRA	RN2427(TE85L,F)	B	38.5/72.4
Q5	1590001330	S.TRA	DTA114EUA T106	B	34.5/72.2
Q6	1560000721	S.FET	2SK2171-4-TD-E	T	26.2/41
Q7	1560000721	S.FET	2SK2171-4-TD-E	T	26.2/47
Q8	1580000540	S.FET	3SK131-T2-LA	T	39.2/18.7
Q9	1590001770	S.TRA	XP1213(TX)	T	27.5/80.8
Q10	1590001770	S.TRA	XP1213(TX)	T	17.5/71.5
Q11	1590001001	S.TRA	RN2427(TE85L,F)	T	20.4/62.1
Q12	1590001001	S.TRA	RN2427(TE85L,F)	T	19.3/68.3
Q13	1590001770	S.TRA	XP1213(TX)	T	27.5/78.3
Q14	1590001330	S.TRA	DTA114EUA T106	B	30.6/76.8
Q15	1560000831	S.FET	2SK2036 (TE85L,F)	T	82.7/74.1
Q16	1560000831	S.FET	2SK2036 (TE85L,F)	T	84.5/70.4
Q17	1590001001	S.TRA	RN2427(TE85L,F)	B	27.4/81
D1	1750000550	S.DIO	1SS355 TE-17	B	85.5/34.6
D2	1750000550	S.DIO	1SS355 TE-17	B	73/51.5
D3	1750000211	S.DIO	1SV237(TE85R,F)	T	77.8/68.8
D4	1750000531	S.DIO	1SV271(TPH3,F)	T	47.1/47.6
D5	1750000531	S.DIO	1SV271(TPH3,F)	T	61.2/74.2
D6	1750000531	S.DIO	1SV271(TPH3,F)	T	67.6/57.6
D7	1790000620	S.DIO	MA77(TX)	T	68/44.1
D8	1790000450	S.DIO	MA862(TX)	T	68/33.2
D9	1790000450	S.DIO	MA862(TX)	T	68.4/21.9
D10	1790000450	S.DIO	MA862(TX)	T	68.4/8.8
D11	1790000620	S.DIO	MA77(TX)	T	46.2/45.7
D12	1790000450	S.DIO	MA862(TX)	T	46/37
D13	1790000450	S.DIO	MA862(TX)	T	45/21.6
D14	1790000450	S.DIO	MA862(TX)	T	46.8/8.8
D15	1790000450	S.DIO	MA862(TX)	T	46.2/59
D16	1750000211	S.DIO	1SV237(TE85R,F)	T	46.6/51.9
D17	1790000450	S.DIO	MA862(TX)	T	41.9/62.9
D18	1750000431	S.DIO	HSB88WSTR-E	T	23.6/19.3
FI1	2010001980	XTA	48M15A 48.800 MHz		
L1	6140002070	COI	LR-233		
L2	6200003011	S.COI	NLV32T-R27J	T	80/43.1
L3	6200003001	S.COI	NLV32T-R22J	T	78.4/38.1
L4	6200003001	S.COI	NLV32T-R22J	T	75.4/42.3
L5	6200003520	S.COI	ELJFB 102K-F	B	74.8/66.3
L6	6200003520	S.COI	ELJFB 102K-F	T	74.2/74.5
L7	6200001711	S.COI	NLV32T-220J	T	70.1/73.4
L8	6200001711	S.COI	NLV32T-220J	T	65.7/73.4
L10	6200001851	S.COI	NLV32T-5R6J	T	69.4/65.9
L11	6200003111	S.COI	NLV32T-6R8J	T	65/65.8
L12	6200003520	S.COI	ELJFB 102K-F	T	60.5/65.6
L13	6200005501	S.COI	NLV32T-471J	T	67.2/53.7
L14	6200005501	S.COI	NLV32T-471J	T	67.3/48.3
L15	6200003111	S.COI	NLV32T-6R8J	T	64/59.4
L16	6200002961	S.COI	NLV32T-4R7J	T	62.9/48.1
L17	6200005501	S.COI	NLV32T-471J	T	66/41.5
L18	6200002991	S.COI	NLV32T-2R2J	T	61/42.3
L19	6200002991	S.COI	NLV32T-2R2J	T	56.8/45
L20	6200002961	S.COI	NLV32T-4R7J	T	52.5/42.8
L21	6200003101	S.COI	NLV32T-3R9J	T	49.4/42.8
L22	6200003261	S.COI	NLV32T-101J	T	64.4/36.5
L23	6200003101	S.COI	NLV32T-3R9J	T	59.2/36.6
L24	6200001851	S.COI	NLV32T-5R6J	T	51.6/36.6
L25	6200003261	S.COI	NLV32T-101J	T	66.6/29.9
L26	6200003051	S.COI	NLV32T-R82J	T	61.4/30.6
L27	6200003061	S.COI	NLV32T-1R2J	T	57.2/33.2
L28	6200003081	S.COI	NLV32T-1R8J	T	52.8/31
L29	6200003321	S.COI	NLV32T-3R3J	T	49.6/30.8
L30	6200003261	S.COI	NLV32T-101J	T	67.1/25.2
L31	6200003061	S.COI	NLV32T-1R2J	T	62/24.8
L32	6200003331	S.COI	NLV32T-1R0J	T	57/23.4
L33	6200003051	S.COI	NLV32T-R82J	T	53.2/25
L34	6200003061	S.COI	NLV32T-1R2J	T	48.1/26
L35	6200003261	S.COI	NLV32T-101J	T	67.2/18.2
L36	6200003031	S.COI	NLV32T-R47J	T	61.4/20
L37	6200002981	S.COI	NLV32T-R56J	T	57.6/19
L38	6200003041	S.COI	NLV32T-R68J	T	53.9/20
L39	6200003051	S.COI	NLV32T-R82J	T	48.1/17.8
L40	6200003261	S.COI	NLV32T-101J	T	66.9/12.2
L41	6200003251	S.COI	NLV32T-R39J	T	62/12.6
L42	6200003251	S.COI	NLV32T-R39J	T	56.8/11.4
L43	6200003031	S.COI	NLV32T-R47J	T	53.2/12.8
L44	6200002981	S.COI	NLV32T-R56J	T	46.6/13.8
L45	6200003261	S.COI	NLV32T-101J	T	67.2/5.4
L46	6200003011	S.COI	NLV32T-R27J	T	62/6.4
L47	6200003011	S.COI	NLV32T-R27J	T	56.8/8
L48	6200003021	S.COI	NLV32T-R33J	T	53.2/6.3
L49	6200003251	S.COI	NLV32T-R39J	T	46.7/5.4
L50	6200003520	S.COI	ELJFB 102K-F	B	52.1/58
L51	6200003520	S.COI	ELJFB 102K-F	B	49.1/49.4

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L52	6200005501	S.COI	NLV32T-471J	B	50.2/46
L53	6200005501	S.COI	NLV32T-471J	T	53.6/53.3
L54	6140000640	COI	LR-86		
L55	6140001540	COI	LR-169		
L56	6200005501	S.COI	NLV32T-471J	B	40.6/62.2
L57	6200003520	S.COI	ELJFB 102K-F	B	59.6/75.3
L58	6200003001	S.COI	NLV32T-R22J	T	35.6/54.3
L59	6200003001	S.COI	NLV32T-R22J	T	38.5/49.9
L60	6140001500	COI	LR-171		
L61	6200001831	S.COI	NLV32T-100J	B	21.7/51.4
L62	6150005520	COI	LS-562 7K7		
L63	6150005510	COI	LS-563 7K7		
L64	6200003331	S.COI	NLV32T-1R0J	T	16.6/9.5
L65	6150005500	COI	LS-561 7K7		
L66	6150000991	COI	LS-424		
L67	6200003381	S.COI	#617PT-1837=P3	T	32.1/19.2
L68	6200003381	S.COI	#617PT-1837=P3	T	15.1/19.2
L69	6200001831	S.COI	NLV32T-100J	B	13.7/10.6
L70	6200003011	S.COI	NLV32T-R27J	T	23.2/7
L71	6200003011	S.COI	NLV32T-R27J	T	20/11.2
L72	6200003001	S.COI	NLV32T-R22J	T	15.7/13.4
L73	6200003331	S.COI	NLV32T-1R0J	T	16.4/50.7
L74	6200001831	S.COI	NLV32T-100J	B	14/49.7
L75	6200003431	S.COI	NLV32T-R10J	T	21.8/55.8
L76	6200001471	S.COI	NLV32T-R12J	T	25.3/55
L77	6200003950	S.COI	HF50ACC 322513-T	B	19.5/62.6
L78	6200003950	S.COI	HF50ACC 322513-T	B	5.7/68.1
L79	6200003950	S.COI	HF50ACC 322513-T	T	17.1/63.6
L80	6200003321	S.COI	NLV32T-3R3J	B	49.7/75.6
L82	6180002961	S.COI	NLV32T-R18J	T	27.6/51.1
L83	6200003001	S.COI	NLV32T-R22J	T	15.8/55.8
L84	6200003031	S.COI	NLV32T-R47J	B	10.5/20.7
L85	6200003041	S.COI	NLV32T-R68J	B	42.8/76
L86	6200003011	S.COI	NLV32T-R27J	B	18.2/36.3
L87	6200001471	S.COI	NLV32T-R12J	B	26.5/43.3
R1	7540000130	ABS	2P-50A-301		
R2	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	81.8/27.2
R3	7540000130	ABS	2P-50A-301		
R4	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	T	83.8/49.5
R5	7030007650	S.RES	ERJ8ENF 68R0V (68)	T	76.8/33.2
R7	7030000330	S.RES	MCR10EZHJ 390 (391)	B	74.7/56
R8	7030000230	S.RES	MCR10EZHJ 56 (560)	B	78.6/55.3
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	70.2/59.4
R10	7030007650	S.RES	ERJ8ENF 68R0V (68)	B	72.8/47.2
R12	7030007540	S.RES	ERJ8ENF 3900V (390)	B	72.8/70.5
R14	7030007530	S.RES	ERJ8ENF 1800V (180)	B	77.8/79.2
R18	7030000260	S.RES	MCR10EZHJ 100 (101)	T	74.7/68.8
R19	7030000240	S.RES	MCR10EZHJ 68 (680)	T	73.6/66
R20	7030000260	S.RES	MCR10EZHJ 100 (101)	T	72.9/68.8
R21	7030007540	S.RES	ERJ8ENF 3900V (390)	B	67.8/72.3
R22	7030007540	S.RES	ERJ8ENF 3900V (390)	B	64.1/73.8
R24	7030007540	S.RES	ERJ8ENF 3900V (390)	B	61.2/43.3
R26	7030007540	S.RES	ERJ8ENF 3900V (390)	B	47.9/41.7
R28	7030007530	S.RES	ERJ8ENF 1800V (180)	B	69/35.7
R30	7030007540	S.RES	ERJ8ENF 3900V (390)	B	60.4/31.5
R32	7030007540	S.RES	ERJ8ENF 3900V (390)	B	48.5/31.5
R34	7030007540	S.RES	ERJ8ENF 3900V (390)	B	68/24.5
R36	7030007540	S.RES	ERJ8ENF 3900V (390)	B	46.6/24.5
R38	7030007540	S.RES	ERJ8ENF 3900V (390)	B	62.6/19.5
R40	7030007540	S.RES	ERJ8ENF 3900V (390)	B	52.8/19.5
R42	7030007540	S.RES	ERJ8ENF 3900V (390)	B	62.4/12.5
R44	7030007540	S.RES	ERJ8ENF 3900V (390)	B	51.6/12.5
R46	7030007550	S.RES	ERJ8ENF 4700V (470)	B	61.5/5.1
R48	7030007550	S.RES	ERJ8ENF 4700V (470)	B	51.7/5.3
R50	7030007550	S.RES	ERJ8ENF 4700V (470)	B	54.5/44.2
R52	7030007550	S.RES	ERJ8ENF 4700V (470)	B	56.3/59.3
R54	7030007850	S.RES	ERJ8ENF 1001V (1K)	B	58.3/79.4
R56	7030007550	S.RES	ERJ8ENF 4700V (470)	B	64.6/66.6
R58	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	43.9/54.1
R59	7030003310	S.RES	ERJ3GEYJ 820 V (82)	B	52.7/51.6
R60	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	50.1/50.9
R61	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	54.5/50.9
R62	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	55.8/59.4
R63	7310004780	S.TRI	EVM-3YSX50 B13 (102)	T	56/62
R64	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	50/52.5
R65	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	T	57.8/52.7
R66	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	57.8/49.7
R67	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	51.6/55.5
R68	7030003570	S.RES	ERJ3GEYJ 123 V (12K)	T	33/61.7
R69	7030000180	S.RES	MCR10EZHJ 22 (220)	T	48.5/65.4
R71	7030007680	S.RES	ERJ8ENF 47R0V (47)	B	41.7/71.3
R73	7030006270	S.RES	ERJ12YJ221U (220)	B	35.9/66.4
R74	7030000340	S.RES	MCR10EZHJ 470 (471)	B	29/39.1
R75	7030000340	S.RES	MCR10EZHJ 470 (471)	B	31.3/49.2
R77	7310004860	S.TRI	EVM-3YSX50 B53 (502)	T	32/51.2
R78	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	22.8/47.1
R79	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	25.8/45.4
R80	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	18.6/47.1
R81	7030004850	S.RES	ERJ3GEYF 913 V (91K)	B	40.5/30.7
R82	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	B	34.7/35.6
R83	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	39.3/21.3
R84	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	36.6/20.6
R85	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	38.8/15.4
R86	7030003460	S.RES	ERJ3GEYJ 152 V (1.5K)	T	36.4/13.2
R87	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	34.7/13
R88	7030003480	S.RES	ERJ3GEYJ 222 V (2.2K)	B	10.2/17.4
R89	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	18/5

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

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R90	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	14.4/6.2
R91	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	15.1/4.9
R92	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	27/12.6
R93	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	29.2/13.4
R94	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	27/14.2
R95	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	11.6/42.3
R96	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	13/42.3
R97	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	12.2/44.3
R101	7410000750	S.ARR	EXB-V4V 104JV (100K)	T	73.2/82.4
R102	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	70.4/30.4
R103	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	74.2/25.6
R104	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.6/51.4
R105	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	69.2/42.2
R106	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	67.2/34.6
R107	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	66.2/75.6
R108	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	75.8/80.2
R110	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	35.5/74.8
R111	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	19.6/40.7
R112	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	70.7/18.4
R113	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	75.6/13.7
R114	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	67.4/4.3
R115	7510001360	S.THE	NTCG20 3SH 333JT	B	39.3/18
R116	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	B	39.2/16.4
R203	7030003860	S.RES	ERJ3GE JPW V	T	31.5/55.1
R204	7030003860	S.RES	ERJ3GE JPW V	B	21.7/28.7
C1	4030011600	S.CER	C1608 JB 1E 104K-T	T	83.1/25.6
C2	4030011600	S.CER	C1608 JB 1E 104K-T	T	85.2/49.5
C3	4030006860	S.CER	C1608 JB 1H 102K-T	B	87/34.6
C4	4030007100	S.CER	C1608 CH 1H 560J-T	T	80.2/46.8
C5	4030007060	S.CER	C1608 CH 1H 270J-T	T	77.7/43.1
C6	4030007130	S.CER	C1608 CH 1H 101J-T	T	80.2/40.2
C7	4030007090	S.CER	C1608 CH 1H 470J-T	T	78.5/35.9
C8	4030007120	S.CER	C1608 CH 1H 820J-T	T	74.7/39.3
C10	4030006860	S.CER	C1608 JB 1H 102K-T	B	69.2/51.4
C11	4030011600	S.CER	C1608 JB 1E 104K-T	B	70.2/60.9
C12	4030008920	S.CER	C1608 JB 1H 473K-T	B	70.2/58
C13	4510008540	S.ELE	EEE1CA100SR	T	78.5/78.7
C14	4030011600	S.CER	C1608 JB 1E 104K-T	T	75.3/79.2
C15	4030009630	S.CER	C1608 JB 1H 822K-T	T	68.7/76.4
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.3/75.6
C17	4030009880	S.CER	C1608 JB 1H 682K-T	T	64.1/76.4
C21	4030011600	S.CER	C1608 JB 1E 104K-T	T	71.3/68.9
C22	4030008470	S.CER	C1608 JB 1H 272K-T	T	67.1/68.8
C23	4030010760	S.CER	C1608 CH 1H 331J-T	T	65/68
C24	4030006870	S.CER	C1608 JB 1H 222K-T	T	65/69.4
C25	4030011600	S.CER	C1608 JB 1E 104K-T	T	63.6/63.6
C26	4030011600	S.CER	C1608 JB 1E 104K-T	T	61.2/70.4
C27	4030008470	S.CER	C1608 JB 1H 272K-T	T	64.7/55.7
C28	4030008470	S.CER	C1608 JB 1H 272K-T	T	63.2/55.7
C29	4030009980	S.CER	C1608 JB 1H 152K-T	T	64.7/52.8
C30	4030009880	S.CER	C1608 JB 1H 682K-T	T	63.2/51.7
C31	4030009970	S.CER	C1608 JB 1H 182K-T	T	65.1/48.3
C32	4030011600	S.CER	C1608 JB 1E 104K-T	T	67.4/51
C33	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/40.3
C34	4030010020	S.CER	C1608 JB 1H 122K-T	T	58.8/41.7
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	57.4/41.7
C36	4030010020	S.CER	C1608 JB 1H 122K-T	T	56/41.7
C37	4030008920	S.CER	C1608 JB 1H 473K-T	T	52.8/45.7
C38	4030008470	S.CER	C1608 JB 1H 272K-T	T	54.7/41.7
C39	4030009980	S.CER	C1608 JB 1H 152K-T	T	49.6/45.7
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	47.2/41.8
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	62/38.5
C42	4030009970	S.CER	C1608 JB 1H 182K-T	T	56.2/37
C43	4030011280	S.CER	C1608 CH 1H 271J-T	T	54.6/37
C44	4030006860	S.CER	C1608 JB 1H 102K-T	T	48.6/38.1
C45	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.8/28.6
C46	4030006850	S.CER	C1608 JB 1H 471K-T	T	59.1/30.1
C47	4030007110	S.CER	C1608 CH 1H 680J-T	T	57.8/30.1
C48	4030011280	S.CER	C1608 CH 1H 271J-T	T	56.4/30.1
C49	4030010020	S.CER	C1608 JB 1H 122K-T	T	53.4/33.8
C50	4030008770	S.CER	C1608 JB 1H 562K-T	T	55/29.9
C51	4030010040	S.CER	C1608 JB 1H 561K-T	T	50.3/33.8
C52	4030008920	S.CER	C1608 JB 1H 473K-T	T	47.4/30.2
C53	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.2/27.4
C54	4030010760	S.CER	C1608 CH 1H 331J-T	T	58.4/26.6
C55	4030007100	S.CER	C1608 CH 1H 560J-T	T	59.8/25.2
C56	4030010760	S.CER	C1608 CH 1H 331J-T	T	57/26.6
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	51/23.8
C58	4030006870	S.CER	C1608 JB 1H 222K-T	T	55.6/26.6
C59	4030010760	S.CER	C1608 CH 1H 331J-T	T	48.4/23
C60	4030008920	S.CER	C1608 JB 1H 473K-T	T	51/26.8
C61	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.6/15.8
C62	4030011280	S.CER	C1608 CH 1H 271J-T	T	64.4/16.6
C63	4030007100	S.CER	C1608 CH 1H 560J-T	T	62/17.8
C64	4030007150	S.CER	C1608 CH 1H 151J-T	T	59.8/16.6
C65	4030006850	S.CER	C1608 JB 1H 471K-T	T	54.8/17.8
C66	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.6/16.8
C67	4030007170	S.CER	C1608 CH 1H 221J-T	T	48.5/20.1
C68	4030008920	S.CER	C1608 JB 1H 473K-T	T	51/16.8
C69	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.6/14.4
C70	4030007170	S.CER	C1608 CH 1H 221J-T	T	58.4/14.6
C71	4030007070	S.CER	C1608 CH 1H 330J-T	T	59.8/13.2
C72	4030007140	S.CER	C1608 CH 1H 121J-T	T	57/14.6
C73	4030011280	S.CER	C1608 CH 1H 271J-T	T	51/13.2
C74	4030010020	S.CER	C1608 JB 1H 122K-T	T	55.6/14.6
C75	4030007150	S.CER	C1608 CH 1H 151J-T	T	47.5/11.4
C76	4030008920	S.CER	C1608 JB 1H 473K-T	T	49.6/14.6

[RF-C UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C77	4030008920	S.CER	C1608 JB 1H 473K-T	T	64.4/4.6
C79	4030007140	S.CER	C1608 CH 1H 121J-T	T	59.8/4.6
C80	4030007080	S.CER	C1608 CH 1H 390J-T	T	58.4/5.2
C81	4030007110	S.CER	C1608 CH 1H 680J-T	T	57/5
C82	4030007170	S.CER	C1608 CH 1H 221J-T	T	55.6/5
C83	4030009490	S.CER	C1608 JB 1H 821K-T	T	51/4.4
C84	4030007120	S.CER	C1608 CH 1H 820J-T	T	51/7.8
C85	4030008920	S.CER	C1608 JB 1H 473K-T	T	49.7/4.4
C86	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/51.2
C87	4030011600	S.CER	C1608 JB 1E 104K-T	T	46.1/56.3
C88	4030008920	S.CER	C1608 JB 1H 473K-T	T	52.3/49.9
C89	4030008920	S.CER	C1608 JB 1H 473K-T	T	46.7/54.3
C90	4030008920	S.CER	C1608 JB 1H 473K-T	T	56.5/49.7
C91	4030009000	S.CER	C2012 JB 1C 224K-T	T	38.3/63.9
C92	4030008920	S.CER	C1608 JB 1H 473K-T	T	50.1/65.8
C94	4030008920	S.CER	C1608 JB 1H 473K-T	B	41.7/67.4
C95	4030008920	S.CER	C1608 JB 1H 473K-T	B	59.1/64.1
C96	4030008920	S.CER	C1608 JB 1H 473K-T	B	36.9/61.6
C97	4030011600	S.CER	C1608 JB 1E 104K-T	T	35/56.5
C98	4030007150	S.CER	C1608 CH 1H 151J-T	T	35.1/52.1
C99	4030007090	S.CER	C1608 CH 1H 470J-T	T	37.9/52.1
C100	4030007110	S.CER	C1608 CH 1H 680J-T	T	40.1/52.9
C102	4030011600	S.CER	C1608 JB 1E 104K-T	B	28.9/37.5
C103	4030011600	S.CER	C1608 JB 1E 104K-T	B	31.1/50.9
C104	4030006860	S.CER	C1608 JB 1H 102K-T	B	22.3/49
C105	4030007020	S.CER	C1608 CH 1H 120J-T	T	21.5/47.1
C106	4030008920	S.CER	C1608 JB 1H 473K-T	T	16.6/46.3
C107	4030006960	S.CER	C1608 CH 1H 050C-T	T	8.5/29.3
C109	4030009530	S.CER	C1608 CH 1H 030B-T	B	25.9/29.6
C110	4030008920	S.CER	C1608 JB 1H 473K-T	B	36.1/35.6
C111	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.6/17.8
C112	4030008920	S.CER	C1608 JB 1H 473K-T	T	40.2/15.4
C113	4030007040	S.CER	C1608 CH 1H 180J-T	T	36.4/14.6
C114	4030008920	S.CER	C1608 JB 1H 473K-T	T	33.6/13.2
C115	4030008920	S.CER	C1608 JB 1H 473K-T	B	13.7/17.4
C116	4030006860	S.CER	C1608 JB 1H 102K-T	T	12/6.8
C117	4030007130	S.CER	C1608 CH 1H 101J-T	T	23.2/13.8
C118	4030008920	S.CER	C1608 JB 1H 473K-T	B	17.4/9.9
C119	4030006860	S.CER	C1608 JB 1H 102K-T	B	16/9.9
C120	4030007040	S.CER	C1608 CH 1H 180J-T	T	22.4/11.6
C121	4030007140	S.CER	C1608 CH 1H 121J-T	T	24/11.6
C122	4030007090	S.CER	C1608 CH 1H 470J-T	T	14.2/52.7
C123	4030007170	S.CER	C1608 CH 1H 221J-T	T	17.9/53.6
C124	4030007140	S.CER	C1608 CH 1H 121J-T	T	13/55.5
C125	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.8/46.3
C126	4030009520	S.CER	C1608 CH 1H 020B-T	T	32.8/28.4
C127	4030008920	S.CER	C1608 JB 1H 473K-T	T	14.6/46.3
C128	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.2/46.3
C129	4030007070	S.CER	C1608 CH 1H 330J-T	T	18.6/55.5
C130	4030009650	S.CER	C1608 CH 1H 240J-T	T	21/53.6
C131	4030007060	S.CER	C1608 CH 1H 270J-T	T	28.3/56.5
C132	4030007010	S.CER	C1608 CH 1H 100D-T	T	27.5/54.3
C134	4530000410	S.ARR	EZANCE 471M 470P	T	11.8/63.7
C135	4030008920	S.CER	C1608 JB 1H 473K-T	B	4.9/71.9
C136	4030008920	S.CER	C1608 JB 1H 473K-T	B	3.9/64.8
C137	4530000400	S.ARR	EZANCE 220M 22P	T	11.8/71.9
C138	4030011600	S.CER	C1608 JB 1E 104K-T	B	32.1/66.7
C139	4030011600	S.CER	C1608 JB 1E 104K-T	B	16.5/84
C140	4030006860	S.CER	C1608 JB 1H 102K-T	B	81.6/32.8
C141	4030006860	S.CER	C1608 JB 1H 102K-T	B	68.1/49
C142	4030007010	S.CER	C1608 CH 1H 100D-T	T	23.8/9.2
C143	4030007110	S.CER	C1608 CH 1H 680J-T	T	26.2/10
C144	4030006880	S.CER	C1608 JB 1H 472K-T	T	27.8/10
C145	4030007150	S.CER	C1608 CH 1H 151J-T	B	13.2/19.6
C146	4030007150	S.CER	C1608 CH 1H 151J-T	B	7.8/19.6
C147	4030010210	S.CER	C3216 JB 1C 105M-T	T	25.8/62.2
C148	4030008920	S.CER	C1608 JB 1H 473K-T	B	3.4/67.4
RL1	6330000180	REL	MZ-12HG		
RL2	6330000180	REL	MZ-12HG		
CP1	6910009670	S.CHE	HK3-S-T	T	52.7/59.1
J1	6450000150	CON	JPJ2545-01-510		
J2	6510007020	CON	TMP-J01X-V6		
J3	6510007020	CON	TMP-J01X-V6		
J4	6510019761	S.CON	52610-1571(1590)	T	5.4/66.7

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

[RF-D UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	21.6/93.9
IC2	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	22.9/78.5
IC3	1110006420	S.IC	UPC2708TB-E3-A	T	44.4/72.8
IC4	1190002051	S.IC	SPM5001-TL-E	T	22.5/20.7
IC6	1110006870	S.IC	UPC2709TB-E3	T	12.7/55.4
IC7	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	11.9/82.2
Q1	1580000800	S.FET	3SK324UG-TL-E	T	94.8/21.4
Q2	1580000800	S.FET	3SK324UG-TL-E	T	91.6/43
Q3	1580000800	S.FET	3SK324UG-TL-E	T	91.4/63.5
Q4	1580000800	S.FET	3SK324UG-TL-E	T	97.2/85.3
Q5	1590001400	S.TRA	XP1214(TX)	T	73.8/88.3
Q6	1590001770	S.TRA	XP1213(TX)	T	63.1/94.7
Q7	1590001310	S.TRA	XN1114(TX)	T	62.9/90.3
Q8	1590001770	S.TRA	XP1213(TX)	T	59.7/94.7
Q9	1590001310	S.TRA	XN1114(TX)	T	59.3/90.3
Q10	1590000430	S.TRA	DTC144EUA T106	T	29.4/87.6
Q11	1560000811	S.FET	2SK1069-4-TL-E	T	30.3/83
Q12	1560000811	S.FET	2SK1069-4-TL-E	T	30.5/79.4
D1	1750000550	S.DIO	1SS355 TE-17	T	129.8/79.4
D2	1750000550	S.DIO	1SS355 TE-17	T	65.9/75.2
D3	1720000601	S.VAR	HN2V02H-B (TE12R,F)	T	104.7/22.5
D4	1720000601	S.VAR	HN2V02H-B (TE12R,F)	T	85.5/19.1
D5	1730002431	S.ZEN	MAZ8150GML	T	90.5/10.3
D6	1750000531	S.DIO	1SV271(TPH3,F)	T	112.6/25.7
D7	1750000531	S.DIO	1SV271(TPH3,F)	T	70.8/25.8
D8	1750000531	S.DIO	1SV271(TPH3,F)	T	112.4/38.4
D9	1720000681	S.VAR	1SV262(TPH2,F)	T	102.6/38.3
D10	1720000681	S.VAR	1SV262(TPH2,F)	T	105.5/45.4
D11	1720000681	S.VAR	1SV262(TPH2,F)	T	96.6/41.6
D12	1720000681	S.VAR	1SV262(TPH2,F)	T	84.3/41.1
D13	1750000531	S.DIO	1SV271(TPH3,F)	T	72.5/41.4
D14	1790000620	S.DIO	MA77(TX)	T	112.8/60.1
D15	1720000681	S.VAR	1SV262(TPH2,F)	T	95.2/60.6
D16	1720000681	S.VAR	1SV262(TPH2,F)	T	85/60.8
D17	1790000620	S.DIO	MA77(TX)	T	70.1/60.5
D19	1720000261	S.VAR	1SV214(TPH2,F)	T	109.8/83.4
D20	1720000261	S.VAR	1SV214(TPH2,F)	T	102.7/83.5
D21	1720000261	S.VAR	1SV214(TPH2,F)	T	102.7/80.2
D22	1720000261	S.VAR	1SV214(TPH2,F)	T	88.4/84.6
D23	1720000261	S.VAR	1SV214(TPH2,F)	T	88.4/81.2
D24	1750000111	S.DIO	1SS272(TE85R,F)	T	22.9/87.7
D25	1750000531	S.DIO	1SV271(TPH3,F)	T	40.8/59.7
D26	1750000531	S.DIO	1SV271(TPH3,F)	T	41.6/39.9
D27	1750000531	S.DIO	1SV271(TPH3,F)	T	28/59.7
D28	1750000531	S.DIO	1SV271(TPH3,F)	T	30.2/37.1
D29	1720000261	S.VAR	1SV214(TPH2,F)	T	24.4/56.5
D30	1720000261	S.VAR	1SV214(TPH2,F)	T	22.6/57.3
D31	1720000261	S.VAR	1SV214(TPH2,F)	T	25/49.3
D32	1720000261	S.VAR	1SV214(TPH2,F)	T	23.2/47.8
D33	1720000681	S.VAR	1SV262(TPH2,F)	T	93.5/58.9
D34	1720000681	S.VAR	1SV262(TPH2,F)	T	83.4/58.3
L1	6200003261	S.COI	NLV32T-101J	T	112.4/21.1
L2	6200002981	S.COI	NLV32T-R56J	T	109.2/21.1
L3	6200003021	S.COI	NLV32T-R33J	T	104.7/17.8
L4	6200001471	S.COI	NLV32T-R12J	T	99.9/20.3
L5	6200001471	S.COI	NLV32T-R12J	T	100/16.5
L6	6200004900	S.COI	ELJFC 5R6K-F	T	91.7/23.4
L7	6200001471	S.COI	NLV32T-R12J	T	84.4/23.5
L8	6200003421	S.COI	NLV32T-R15J	T	81/19.6
L9	6200003011	S.COI	NLV32T-R27J	T	79.9/23.5
L10	6200003261	S.COI	NLV32T-101J	T	72.4/22.4
L11	6200001831	S.COI	NLV32T-100J	T	111.1/43.9
L12	6200003011	S.COI	NLV32T-R27J	T	108/45.5
L13	6200001471	S.COI	NLV32T-R12J	T	105.1/40.9
L14	6200003431	S.COI	NLV32T-R10J	T	102.1/44.7
L15	6200002390	S.COI	LQW31HN64NJ03L	T	98.6/44.2
L16	6200002100	S.COI	LQW31HN17NJ03L	T	98.6/39.3
L17	6200001620	S.COI	ELJFC 1R0K-F	T	88.5/45.1
L18	6200002370	S.COI	LQW31HN39NJ03L	T	82.3/43
L19	6200002820	S.COI	LQW31HN47NJ03L	T	82.3/38.2
L20	6200003431	S.COI	NLV32T-R10J	T	78.8/41
L21	6200001831	S.COI	NLV32T-100J	T	72.9/43.8
L23	6200003331	S.COI	NLV32T-1R0J	T	114.7/64.1
L24	6200002350	S.COI	LQW31HN27NJ03L	T	110/61
L25	6200002820	S.COI	LQW31HN47NJ03L	T	105.6/60
L26	6200007670	S.COI	LQW2BHN10NJ03L	T	101.8/64
L27	6200007670	S.COI	LQW2BHN10NJ03L	T	97.3/64.9
L28	6200007670	S.COI	LQW2BHN10NJ03L	T	98.4/60
L29	6200003251	S.COI	NLV32T-R39J	T	88/66.1
L30	6200002330	S.COI	LQW31HN15NJ03L	T	82.2/64.8
L31	6200007670	S.COI	LQW2BHN10NJ03L	T	78.5/62.1
L32	6200002360	S.COI	LQW31HN33NJ03L	T	77.5/66
L33	6200003331	S.COI	NLV32T-1R0J	T	70/64.9
L35	6200002350	S.COI	LQW31HN27NJ03L	T	110.9/85.4
L36	6200005351	S.COI	LL1608-FSL10NJ	T	106.5/83.7
L37	6200005301	S.COI	LL1608-FSL3N9S	T	104.3/83.8
L38	6200005301	S.COI	LL1608-FSL3N9S	T	104.3/80.5
L39	6200002820	S.COI	LQW31HN47NJ03L	T	94.2/87.2
L41	6200005341	S.COI	LL1608-FSL8N2J	T	86.8/81.2
L42	6200002330	S.COI	LQW31HN15NJ03L	T	83.8/82.4
L43	6200003331	S.COI	NLV32T-1R0J	T	40.2/73.1
L44	6200001831	S.COI	NLV32T-100J	T	40.2/77.3
L46	6200007670	S.COI	LQW2BHN10NJ03L	T	43.4/57

[RF-D UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
L47	6200002330	S.COI	LQW31HN15NJ03L	T	43/52.3
L48	6200002100	S.COI	LQW31HN17NJ03L	T	43/47.3
L49	6200001831	S.COI	NLV32T-100J	T	42.5/43.2
L51	6200005291	S.COI	LL1608-FSL3N3S	T	27.8/54.9
L52	6200002320	S.COI	LQW31HN8N8J03L	T	30.2/52.1
L53	6200005301	S.COI	LL1608-FSL3N9S	T	28/48.9
L54	6200012040	S.COI	LL1608-FSL5N6S	T	29.4/48.5
L55	6200005301	S.COI	LL1608-FSL3N9S	T	29.4/45.8
L56	6200005291	S.COI	LL1608-FSL3N3S	T	29.4/42.8
L57	6200003331	S.COI	NLV32T-1R0J	T	27.3/38
L58	6140002551	S.COI	#617DB-1919=P3	T	28.2/25.2
L59	6140002551	S.COI	#617DB-1919=P3	T	17/21.6
L60	6200003331	S.COI	NLV32T-1R0J	T	16/15.7
L61	6140002551	S.COI	#617DB-1919=P3	T	28.2/18.3
L62	6200003331	S.COI	NLV32T-1R0J	T	23.8/13
L64	6200012030	S.COI	LL1608-FSL22NJ	T	13.1/51.5
L65	6200001770	S.COI	ELJNC 47NK-F	T	9.1/51.8
L67	6200005301	S.COI	LL1608-FSL3N9S	T	12.4/44.1
L69	6200012040	S.COI	LL1608-FSL5N6S	T	12.4/41.2
L70	6200005371	S.COI	LL1608-FSL15NJ	T	8.7/38.8
L72	6200005331	S.COI	LL1608-FSL6N8J	T	12.4/47.2
L73	6200010561	S.COI	LL1608-FSL39NJ	T	107.3/81.4
L74	6200012040	S.COI	LL1608-FSL5N6S	T	30/55.3
L75	6200007670	S.COI	LQW2BHN10NJ03L	T	30.3/13
L76	6200002320	S.COI	LQW31HN8N8J03L	T	32.2/9.5
L77	6200005331	S.COI	LL1608-FSL6N8J	T	35.8/9.8
L78	6200006030	S.COI	LQP18MN4N7C02D	T	126/87.4
L79	6200012040	S.COI	LL1608-FSL5N6S	T	127.4/85.8
L80	6200003031	S.COI	NLV32T-R47J	T	120.7/80.5
L81	6200003331	S.COI	NLV32T-1R0J	T	30.4/58.3
L82	6200012030	S.COI	LL1608-FSL22NJ	T	23.6/60.3
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	114.7/97.8
R2	7410000590	S.ARR	EXB-V4V 473JV (47K)	T	104.1/26.5
R3	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	95.9/18
R4	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	97.2/18
R5	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	93.8/18
R6	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	96.9/25.3
R7	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	88.5/24.4
R8	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	88/15.6
R10	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	108.2/40.2
R11	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	95.1/39.1
R12	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	86/39.2
R13	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	93.7/41.2
R14	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	95.4/46.1
R15	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	87.8/39.6
R16	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	94/46.1
R17	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	85.8/46.3
R19	7030000370	S.RES	MCR10EZHJ 820 (821)	T	125.3/51.9
R20	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	91.9/59
R21	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	82.6/60.7
R22	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	92/69.5
R23	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	87/60
R24	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	98.4/68.4
R25	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	90.2/68.8
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	92.5/61.5
R27	7030000370	S.RES	MCR10EZHJ 820 (821)	T	57/55
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	110.9/81.1
R29	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	99.3/80
R30	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	90/80.8
R31	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	93.6/82.2
R32	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	90/88.8
R33	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	98.2/88.6
R34	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	48.4/73.6
R35	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	69.6/88.8
R36	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	37.5/70.2
R37	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	40.2/68.8
R38	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	44.2/69.9
R39	7410000750	S.ARR	EXB-V4V 104JV (100K)	T	15.2/95.8
R40	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	13.5/94.8
R41	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	27.1/95
R42	7030003540	S.RES	ERJ3GEYJ 682 V (6.8K)	T	54.7/92.1
R43	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	55.5/95.1
R44	7030003860	S.RES	ERJ3GE JPW V	T	54.1/96.7
R45	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	27.7/92.2
R46	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	26.3/92.2
R48	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	14.3/69.4
R49	7030003530	S.RES	ERJ3GEYJ 562 V (5.6K)	T	14.3/70.8
R50	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	17.9/69.4
R51	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	25.1/69
R52	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	17.9/70.8
R54	7030003590	S.RES	ERJ3GEYJ 183 V (18K)	T	14.3/73.6
R56	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	14.3/72.2
R57	7030003730	S.RES	ERJ3GEYJ 274 V (270K)	T	19.3/76.6
R58	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	18/73.6
R59	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	17.9/72.2
R62	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	16.3/83.2
R63	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	14.5/76.4
R64	7030003630	S.RES	ERJ3GEYJ 393 V (39K)	T	17.1/81.2
R65	7030003700	S.RES	ERJ3GEYJ 154 V (150K)	T	19.3/80.4
R66	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	20.9/84.2
R67	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	98.8/83.3
R68	7410000580	S.ARR	EXB-V4V 224JV (220K)	T	19.6/88.4
R69	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	27.9/83
R70	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	98.3/81.5
R71	7030003510	S.RES	ERJ3GEYJ 392 V (3.9K)	T	32.9/83.8
R72	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	33.1/80.2
R73	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	T	26.1/87.3

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

[RF-D UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
R74	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	31.5/75.8
R75	7030003660	S.RES	ERJ3GEYJ 683 V (68K)	T	28.2/79.2
R76	7030003710	S.RES	ERJ3GEYJ 184 V (180K)	T	28.2/76.4
R77	7030003760	S.RES	ERJ3GEYJ 474 V (470K)	T	30.5/77.2
R78	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	20.9/85.5
R79	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	27.2/97.1
R80	7410000800	S.ARR	EXB-V8V 103JV (10K)	T	28.3/70.8
R81	7410000800	S.ARR	EXB-V8V 103JV (10K)	T	61/85.6
R82	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	39.6/67.4
R83	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	45.3/41
R84	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	35.5/26.4
R85	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.6/38
R86	7410000750	S.ARR	EXB-V4V 104JV (100K)	T	27/52.4
R87	7410000590	S.ARR	EXB-V4V 473JV (47K)	T	23.9/53.4
R88	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	T	6.8/26.8
R89	7030003620	S.RES	ERJ3GEYJ 333 V (33K)	T	4.8/26.8
R90	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	38.2/13.8
R91	7030007680	S.RES	ERJ8ENF 47R0V (47)	T	2/26.1
R92	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	40.4/13
R93	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	6.5/59.6
R94	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	8.7/58.8
R95	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	6.5/58
R96	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	8.7/49.6
R97	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	10.9/48.8
R98	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	8.7/48
R99	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	9.4/35.8
R100	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	6.5/83
R105	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	10.9/76.6
R106	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	47.8/71.4
R107	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	38.2/12.2
R108	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	47/69.2
R109	7310004790	S.TRI	EVM-3YSX50 B14 (103)	T	5.8/22.8
R110	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	93.8/24.6
R111	7030003440	S.RES	ERJ3GEYJ 102 V (1K)	T	84.9/25.8
R112	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	90.5/46.3
R113	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	T	90.2/66.2
R114	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	T	83.9/67.4
R115	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	88.2/63
R116	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	92.4/84.4
R117	7030003860	S.RES	ERJ3GE JPW V	T	86.8/84.4
R118	7030003860	S.RES	ERJ3GE JPW V	T	112/16
R119	7030003860	S.RES	ERJ3GE JPW V	T	71.6/18.4
R120	7030003860	S.RES	ERJ3GE JPW V	T	111.3/46.7
R121	7030003860	S.RES	ERJ3GE JPW V	T	76/46.5
R122	7030003860	S.RES	ERJ3GE JPW V	T	111.5/66.5
R123	7030003860	S.RES	ERJ3GE JPW V	T	73/69
R124	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	96.8/21.5
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	129.6/81.1
C2	4030006860	S.CER	C1608 JB 1H 102K-T	T	122.4/52.9
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	110.6/24
C4	4030006850	S.CER	C1608 JB 1H 471K-T	T	109/25.7
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	112.8/18.2
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	90.4/16.4
C7	4030009490	S.CER	C1608 JB 1H 821K-T	T	96.9/23.8
C8	4030006880	S.CER	C1608 JB 1H 472K-T	T	92.4/18
C9	4030006860	S.CER	C1608 JB 1H 102K-T	T	92/26.6
C10	4030007050	S.CER	C1608 CH 1H 220J-T	T	90/20.6
C11	4030006880	S.CER	C1608 JB 1H 472K-T	T	89.3/26.6
C12	4030006880	S.CER	C1608 JB 1H 472K-T	T	75.8/23.6
C13	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.8/19.4
C14	4030006860	S.CER	C1608 JB 1H 102K-T	T	56/57.6
C15	4030006860	S.CER	C1608 JB 1H 102K-T	T	110.6/41
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	108.2/42.4
C17	4030007030	S.CER	C1608 CH 1H 150J-T	T	100.9/38.4
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	88.2/36.8
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	114/45.4
C20	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.6/38.4
C21	4030006860	S.CER	C1608 JB 1H 102K-T	T	92.6/46.1
C22	4030006850	S.CER	C1608 JB 1H 471K-T	T	90.6/39.6
C23	4030006860	S.CER	C1608 JB 1H 102K-T	T	87.6/48
C24	4030007010	S.CER	C1608 CH 1H 100D-T	T	86.7/42
C25	4030006860	S.CER	C1608 JB 1H 102K-T	T	82.3/47.6
C26	4030006860	S.CER	C1608 JB 1H 102K-T	T	84.3/37.8
C27	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.7/39.8
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	76.8/43.7
C29	4030007130	S.CER	C1608 CH 1H 101J-T	T	112.4/63.4
C30	4030007010	S.CER	C1608 CH 1H 100D-T	T	107.7/64.2
C31	4030009650	S.CER	C1608 CH 1H 240J-T	T	105.4/64
C32	4030007070	S.CER	C1608 CH 1H 330J-T	T	104.6/66.2
C33	4030007130	S.CER	C1608 CH 1H 101J-T	T	115/67
C34	4030006850	S.CER	C1608 JB 1H 471K-T	T	115/68.5
C36	4030006860	S.CER	C1608 JB 1H 102K-T	T	95.4/69.1
C37	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.8/60
C38	4030006850	S.CER	C1608 JB 1H 471K-T	T	88.4/60
C39	4030009530	S.CER	C1608 CH 1H 030B-T	T	85.4/63
C40	4030007130	S.CER	C1608 CH 1H 101J-T	T	91.8/67.3
C41	4030006850	S.CER	C1608 JB 1H 471K-T	T	86.5/69.2
C43	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.1/65.2
C44	4030006850	S.CER	C1608 JB 1H 471K-T	T	69.8/67.6
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	69.8/69
C46	4030007130	S.CER	C1608 CH 1H 101J-T	T	81.8/58.5
C47	4030007020	S.CER	C1608 CH 1H 120J-T	T	114.2/81.2
C48	4030006850	S.CER	C1608 JB 1H 471K-T	T	89.8/78.6
C49	4030006850	S.CER	C1608 JB 1H 471K-T	T	96.4/81.8
C50	4030006860	S.CER	C1608 JB 1H 102K-T	T	95/82.2
C51	4030006850	S.CER	C1608 JB 1H 471K-T	T	100.3/86.4
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	100.3/87.8

[RF-D UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C53	4030006850	S.CER	C1608 JB 1H 471K-T	T	94.1/90.4
C54	4030006850	S.CER	C1608 JB 1H 471K-T	T	87.3/90.2
C55	4030009520	S.CER	C1608 CH 1H 020B-T	T	90.8/85.8
C56	4030008560	S.CER	C1608 CH 1H 300J-T	T	80/82.3
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	47/73.6
C59	4030006860	S.CER	C1608 JB 1H 102K-T	T	41/70.2
C60	4030006850	S.CER	C1608 JB 1H 471K-T	T	43.2/75.2
C61	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.2/76.6
C66	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.5/92.2
C67	4030007090	S.CER	C1608 CH 1H 470J-T		
			[EUR-02] only	T	2.4/91.2
C68	4030007090	S.CER	C1608 CH 1H 470J-T		
			[EUR-02] only	T	2.3/94.1
C72	4530000410	S.ARR	EZANCE 471M 470P	T	43.2/85.7
C75	4030011600	S.CER	C1608 JB 1E 104K-T	T	16.2/91.8
C76	4030011600	S.CER	C1608 JB 1E 104K-T	T	22.6/97.6
C77	4030011600	S.CER	C1608 JB 1E 104K-T	T	26/97.1
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.1/70.4
C79	4510008550	S.ELE	EEE1HA010SR	T	15.1/66.4
C80	4510008550	S.ELE	EEE1HA010SR	T	12.1/90.7
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	15.8/89.6
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.4/67.9
C83	4030006950	S.CER	C1608 CH 1H 040C-T	T	46.6/59.1
C84	4030006950	S.CER	C1608 CH 1H 040C-T	T	45.8/56.9
C85	4030006990	S.CER	C1608 CH 1H 080D-T	T	46/54
C86	4030009520	S.CER	C1608 CH 1H 020B-T	T	41/52.3
C87	4030006990	S.CER	C1608 CH 1H 080D-T	T	46/49.8
C88	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	41/47.2
C89	4030006950	S.CER	C1608 CH 1H 040C-T	T	46/45.6
C90	4030006900	S.CER	C1608 JB 1H 103K-T	T	45.5/43.4
C91	4030007130	S.CER	C1608 CH 1H 101J-T	T	46.8/43.4
C92	4030006850	S.CER	C1608 JB 1H 471K-T	T	48.2/42.7
C93	4030006960	S.CER	C1608 CH 1H 050C-T	T	26.4/54.9
C94	4030006980	S.CER	C1608 CH 1H 070D-T	T	26.6/48.9
C95	4030007090	S.CER	C1608 CH 1H 470J-T	T	22.5/51
C96	4030009520	S.CER	C1608 CH 1H 020B-T	T	25.8/46.6
C97	4030009510	S.CER	C1608 CH 1H 010B-T	T	28/45.8
C98	4030009520	S.CER	C1608 CH 1H 020B-T	T	25.8/45
C100	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	28.6/40.4
C101	4030007090	S.CER	C1608 CH 1H 470J-T	T	25.6/40.4
C102	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.8/40.2
C103	4030006860	S.CER	C1608 JB 1H 102K-T	T	32.2/24.2
C104	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.6/12.7
C105	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.6/11.4
C106	4030006850	S.CER	C1608 JB 1H 471K-T	T	17.6/25.6
C107	4030006850	S.CER	C1608 JB 1H 471K-T	T	15/25.6
C108	4030006850	S.CER	C1608 JB 1H 471K-T	T	28.5/21.4
C109	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.2/20.5
C110	4030006850	S.CER	C1608 JB 1H 471K-T	T	19.8/13.6
C111	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.8/12.2
C112	4030006850	S.CER	C1608 JB 1H 471K-T	T	37.4/9.8
C113	4030006860	S.CER	C1608 JB 1H 102K-T		
			[EUR-02] only	T	6.5/18.7
C114	4030006860	S.CER	C1608 JB 1H 102K-T		
			[EUR-02] only	T	1.8/15.1
C117	4030006850	S.CER	C1608 JB 1H 471K-T	T	10.9/58
C118	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.1/49.6
C119	4030006850	S.CER	C1608 JB 1H 471K-T	T	10.2/54.9
C120	4030007010	S.CER	C1608 CH 1H 100D-T	T	12.1/52.9
C121	4030006850	S.CER	C1608 JB 1H 471K-T	T	7.3/54.9
C122	4030009520	S.CER	C1608 CH 1H 020B-T	T	8.7/44.9
C123	4030009520	S.CER	C1608 CH 1H 020B-T	T	10.9/44.1
C124	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	8.7/43.3
C125	4030006950	S.CER	C1608 CH 1H 040C-T	T	13.8/39.6
C126	4030006950	S.CER	C1608 CH 1H 040C-T	T	11.6/36.6
C127	4030006960	S.CER	C1608 CH 1H 050C-T	T	11.8/38.8
C128	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.6/35.8
C129	4030006860	S.CER	C1608 JB 1H 102K-T	T	7.9/83.8
C130	4510008550	S.ELE	EEE1HA010SR	T	6.7/89.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.2/39.6
C132	4030007060	S.CER	C1608 CH 1H 270J-T	T	112.8/83.2
C133	4030009530	S.CER	C1608 CH 1H 030B-T	T	79.2/84.2
C134	4030009560	S.CER	C1608 CH 1H R75B-T	T	10.9/41.2
C135	4030009510	S.CER	C1608 CH 1H 010B-T	T	8.7/40.4
C136	4510008550	S.ELE	EEE1HA010SR	T	21.8/69.8
C137	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	35.5/25
C138	4030006850	S.CER	C1608 JB 1H 471K-T	T	33.6/24.2
C139	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/25.6
C140	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	13.7/17.8
C141	4030006950	S.CER	C1608 CH 1H 040C-T	T	26.5/13
C142	4030009510	S.CER	C1608 CH 1H 010B-T	T	28/13
C143	4030006950	S.CER	C1608 CH 1H 040C-T	T	28/10.1
C144	4030009520	S.CER	C1608 CH 1H 020B-T	T	33.6/12
C145	4030006940	S.CER	C1608 CH 1H 030C-T	T	35.8/12.8
C146	4030006860	S.CER	C1608 JB 1H 102K-T	T	90/90.2
C147	4030006860	S.CER	C1608 JB 1H 102K-T	T	92/89.9
C148	4030006860	S.CER	C1608 JB 1H 102K-T	T	109.5/79.4
C149	4030006850	S.CER	C1608 JB 1H 471K-T	T	96.8/79
C150	4030006850	S.CER	C1608 JB 1H 471K-T	T	93.1/80
C151	4030006860	S.CER	C1608 JB 1H 102K-T	T	132.5/82.3
C152	4030006860	S.CER	C1608 JB 1H 102K-T	T	117/96.4
C153	4030009520	S.CER	C1608 CH 1H 020B-T	T	122.7/88.3
C154	4030009520	S.CER	C1608 CH 1H 020B-T	T	124.6/87.4
C155	4030009520	S.CER	C1608 CH 1H 020B-T	T	122.9/85.7
C156	4030007130	S.CER	C1608 CH 1H 101J-T	T	126/84.2
C157	4030007130	S.CER	C1608 CH 1H 101J-T	T	126/81.4
C158	4030006850	S.CER	C1608 JB 1H 471K-T	T	124.1/82.1
C159	4030006850	S.CER	C1608 JB 1H 471K-T	T	109.4/97
C160	4030006850	S.CER	C1608 JB 1H 471K-T	T	100.7/96.4

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

[RF-D UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C161	4030006850	S.CER	C1608 JB 1H 471K-T	T	59.8/52.1
C162	4030006850	S.CER	C1608 JB 1H 471K-T	T	61.4/32.4
C163	4030006850	S.CER	C1608 JB 1H 471K-T	T	61.4/30.6
C164	4030006850	S.CER	C1608 JB 1H 471K-T	T	90.4/7.1
C165	4030006850	S.CER	C1608 JB 1H 471K-T	T	1.5/85.5
C166	4030007010	S.CER	C1608 CH 1H 100D-T	T	27.2/57.1
C167	4030007010	S.CER	C1608 CH 1H 100D-T	T	26.4/59.3
C168	4030007030	S.CER	C1608 CH 1H 150J-T	T	25/59.7
C171	4030009920	S.CER	C1608 CH 1H 050B-T	T	99/22.4
C172	4030009920	S.CER	C1608 CH 1H 050B-T	T	95.8/43.9
C173	4030007130	S.CER	C1608 CH 1H 101J-T	T	94/62.8
C174	4030009920	S.CER	C1608 CH 1H 050B-T	T	100.3/84.8
RL1	6330000810	REL	ARK115		
RL2	6330000810	REL	ARK115		
CP1	6910009670	S.CHE	HK3-S-T	T	1.8/21.9
J1	6510007020	CON	TMP-J01X-V6		
J2	6510007020	CON	TMP-J01X-V6		
J3	6510019761	S.CON	52610-1571(1590)	T	41.4/95.8
J4	6510007020	CON	TMP-J01X-V6		
EP71	6910012350	S.BEA	MMZ1608Y 102BT	T	34.5/90.6
EP72	6910012350	S.BEA	MMZ1608Y 102BT	T	35.8/90.6
EP73	6910012350	S.BEA	MMZ1608Y 102BT	T	37.1/90.6
EP74	6910012350	S.BEA	MMZ1608Y 102BT	T	38.4/90.6
EP75	6910012350	S.BEA	MMZ1608Y 102BT	T	49/87
EP76	6910012350	S.BEA	MMZ1608Y 102BT	T	49/88.3
EP77	6910012350	S.BEA	MMZ1608Y 102BT	T	49/89.6
EP78	6910012350	S.BEA	MMZ1608Y 102BT	T	49/90.9

[CONV-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006970	S.IC	MAALSS0038TR <M/A>	T	65.6/10
IC2	6910010231	S.IC	5MXF25-7-LF CONV	T	65/41.7
IC3	1110006420	S.IC	UPC2708TB-E3-A	T	58.4/27
IC4	1140006720	S.IC	LMX2316TMX/NOPB	T	16/45.7
IC6	1190002380	S.IC	MVE1017-42-J1803	T	27.7/26.7
IC7	1110006420	S.IC	UPC2708TB-E3-A	T	19.7/36.2
IC8	1110004610	S.IC	UPB1508GV-E1	T	17.8/60.3
IC9	1110006870	S.IC	UPC2709TB-E3	T	48/61.4
IC10	1130007700	S.IC	BU4094BCF-E2	T	14.4/14.5
IC11	1160000131	S.IC	TD62783AFG(5,S,EL)	T	27.3/9.2
Q2	1590001770	S.TRA	XP1213(TX)	T	66.9/51.6
Q3	1590001001	S.TRA	RN2427(TE85L,F)	T	42.5/12.6
Q4	1590000430	S.TRA	DTC144EUA T106	T	44.3/6.8
Q5	1590001001	S.TRA	RN2427(TE85L,F)	T	28.1/18.3
Q6	1590000430	S.TRA	DTC144EUA T106	T	24.5/18.6
Q7	1590001770	S.TRA	XP1213(TX)	T	38.9/13
Q10	1590001330	S.TRA	DTA114EUA T106	T	42.5/9.4
Q11	1530003451	S.TRA	2SC4835GRL	T	76.5/67.4
Q12	1530003451	S.TRA	2SC4835GRL	T	44.6/72.9
Q13	1530002280	S.TRA	2SC4081 T106 S	T	40.2/19.1
Q14	1590001001	S.TRA	RN2427(TE85L,F)	T	32.2/18.6
D1	1750000550	S.DIO	1SS355 TE-17	T	79.7/19.6
D3	1720000681	S.VAR	1SV262(TPH2,F)	T	74.2/9.2
D4	1720000681	S.VAR	1SV262(TPH2,F)	T	74.2/5.6
D5	1720000681	S.VAR	1SV262(TPH2,F)	T	69.1/8.2
D6	1750000550	S.DIO	1SS355 TE-17	T	75/57.9
D7	1790000620	S.DIO	MA77(TX)	T	80.9/69.2
D8	1790000620	S.DIO	MA77(TX)	T	67.5/69.3
D9	1790000620	S.DIO	MA77(TX)	T	49.1/73.8
D10	1790000620	S.DIO	MA77(TX)	T	35.7/73.9
D11	1750000211	S.DIO	1SV237(TE85R,F)	T	23.1/56.9
D12	1750000211	S.DIO	1SV237(TE85R,F)	T	23.1/62.9
D13	1750000211	S.DIO	1SV237(TE85R,F)	T	42.8/52.3
D14	1750000211	S.DIO	1SV237(TE85R,F)	T	42.9/40.5
D15	1750000531	S.DIO	1SV271(TPH3,F)	T	80.9/71.2
D16	1750000531	S.DIO	1SV271(TPH3,F)	T	67.5/71.2
D17	1750000531	S.DIO	1SV271(TPH3,F)	T	49.1/75.8
D18	1750000531	S.DIO	1SV271(TPH3,F)	T	35.7/75.8
D19	1750000550	S.DIO	1SS355 TE-17	T	8.8/47.8
D20	1720000681	S.VAR	1SV262(TPH2,F)	T	79.2/8.6
D21	1720000681	S.VAR	1SV262(TPH2,F)	T	80.4/5.6
D22	1790000661	S.DIO	MA2J7280GL	T	40.2/21.4
L2	6200005331	S.COI	LL1608-FSL6N8J	T	77.6/9.8
L3	6200006050	S.COI	LQP18MN6N8C02D	T	76/11.2
L4	6200006040	S.COI	LQP18MN5N6C02D	T	71.8/9.6
L5	6200005361	S.COI	LL1608-FSL12NJ	T	63.6/6.4
L6	6200001620	S.COI	ELJFC 1R0K-F	T	56.3/13.1
L10	6200005411	S.COI	LL1608-FSL33NJ	T	62/26
L11	6200003331	S.COI	NLV32T-1R0J	T	57.7/23.6
L12	6200005301	S.COI	LL1608-FSL3N9S	T	74.2/51
L16	6200001981	S.COI	NLV25T-1R0J	T	83.8/73.1
L17	6200001981	S.COI	NLV25T-1R0J	T	71/79.8
L18	6200001981	S.COI	NLV25T-1R0J	T	71.5/67.3
L19	6200001981	S.COI	NLV25T-1R0J	T	64.5/70.4
L20	6200001981	S.COI	NLV25T-1R0J	T	53.1/75.5
L21	6200001981	S.COI	NLV25T-1R0J	T	52/78.3
L22	6200001981	S.COI	NLV25T-1R0J	T	39.7/71.9
L23	6200001981	S.COI	NLV25T-1R0J	T	32.7/74.9
L24	6200003550	S.COI	MLF1608A 4R7K-T	T	9.2/44.3
L25	6200001620	S.COI	ELJFC 1R0K-F	T	22.8/53.1
L27	6200003331	S.COI	NLV32T-1R0J	T	36.8/18.9
L28	6200001620	S.COI	ELJFC 1R0K-F	T	25.9/37.7
L29	6200005341	S.COI	LL1608-FSL8N2J	T	25/45.6
L30	6200005351	S.COI	LL1608-FSL10NJ	T	25.8/42.3
L31	6200001770	S.COI	ELJNC 47NK-F	T	10.2/56.7
L32	6200001620	S.COI	ELJFC 1R0K-F	T	11.4/59.2
L36	6200001770	S.COI	ELJNC 47NK-F	T	9.3/61.9
L40	6200001770	S.COI	ELJNC 47NK-F	T	23.1/59.9
L41	6200001770	S.COI	ELJNC 47NK-F	T	47.5/57.4
L42	6200003331	S.COI	NLV32T-1R0J	T	42.9/57.4
L43	6200005361	S.COI	LL1608-FSL12NJ	T	46.8/50.4
L44	6200005381	S.COI	LL1608-FSL18NJ	T	46.8/47.2
L45	6200005381	S.COI	LL1608-FSL18NJ	T	46.8/44
L46	6200003331	S.COI	NLV32T-1R0J	T	50.3/43.8
L47	6200005331	S.COI	LL1608-FSL6N8J	T	38.6/50.2
L48	6200005341	S.COI	LL1608-FSL8N2J	T	38.6/47.2
L49	6200005341	S.COI	LL1608-FSL8N2J	T	38.6/44.2
L50	6200001770	S.COI	ELJNC 47NK-F	T	35.5/43.3
L52	6200001770	S.COI	ELJNC 47NK-F	T	22.8/39.1
L53	6200005361	S.COI	LL1608-FSL12NJ	T	57.6/5.6
L54	6200005361	S.COI	LL1608-FSL12NJ	T	53.2/5.6
L56	6200005351	S.COI	LL1608-FSL10NJ	T	68.2/10.2
L57	6200003251	S.COI	NLV32T-R39J	T	9/40.4
L58	6200005311	S.COI	LL1608-FSL4N7S	T	69.8/26
L59	6200003001	S.COI	NLV32T-R22J	T	20.4/23.6
L60	6170000231	COI	LW-25A		
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	71/32.6
R2	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	T	78/5.6
R3	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	T	75.8/7.8
R4	7410000590	S.ARR	EXB-V4V 473JV (47K)	T	71.7/6.9
R8	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	60.6/5.6

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

[CONV-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
R9	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	59/5.6
R11	7030003390	S.RES ERJ3GEYJ 391 V (390)	T	65.2/26
R12	7030003210	S.RES ERJ3GEYJ 120 V (12)	T	66/28.2
R13	7030003390	S.RES ERJ3GEYJ 391 V (390)	T	66.8/26
R14	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	69.4/56
R15	7030000370	S.RES MCR10EZHJ 820 (821)	T	83.8/75.3
R16	7030000340	S.RES MCR10EZHJ 470 (471)	T	78.7/73.8
R17	7030000240	S.RES MCR10EZHJ 68 (680)	T	74.5/75
R18	7030000290	S.RES MCR10EZHJ 180 (181)	T	74.5/73
R19	7030000240	S.RES MCR10EZHJ 68 (680)	T	71.8/73.9
R20	7030000340	S.RES MCR10EZHJ 470 (471)	T	67/73.7
R21	7030000370	S.RES MCR10EZHJ 820 (821)	T	64.6/73.9
R23	7030000370	S.RES MCR10EZHJ 820 (821)	T	56.9/75.6
R24	7030000340	S.RES MCR10EZHJ 470 (471)	T	46.9/78.4
R25	7030000270	S.RES MCR10EZHJ 120 (121)	T	42.7/79.6
R26	7030000230	S.RES MCR10EZHJ 56 (560)	T	42.7/77.6
R27	7030000270	S.RES MCR10EZHJ 120 (121)	T	40/78.5
R28	7030000340	S.RES MCR10EZHJ 470 (471)	T	35.2/78.3
R29	7030000370	S.RES MCR10EZHJ 820 (821)	T	32.8/78.5
R30	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	48.5/67.8
R31	7410001090	S.ARR EXB-V8V 101JV	T	66.9/60.1
R32	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	10.4/51.3
R34	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	12.2/39.9
R37	7030003500	S.RES ERJ3GEYJ 332 V (3.3K)	T	14/28
R38	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	40/23
R39	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	15.6/36
R40	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	16.4/37.9
R41	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	19.2/38.6
R42	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	25.8/41
R43	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	23.4/50.5
R44	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	25.7/54.6
R45	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	26.2/58.2
R46	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	13.4/56.1
R47	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	12.2/63.8
R48	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	35.2/60.4
R49	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	30.4/50.6
R50	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	45.2/40.4
R51	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	T	47.4/39.6
R52	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	47.4/41
R53	7410000830	S.ARR EXB-V4V 103JV (10K)	T	47.9/16.3
R54	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	47.8/8.6
R55	7310004790	S.TRI EVM-3YSX50 B14 (103)	T	47.8/5.3
R56	7030003600	S.RES ERJ3GEYJ 223 V (22K)	T	43.8/4.2
R57	7030003480	S.RES ERJ3GEYJ 222 V (2.2K)	T	45.2/4.2
R58	7030003370	S.RES ERJ3GEYJ 271 V (270)	T	43/54.6
R61	7030003230	S.RES ERJ3GEYJ 180 V (18)	T	59.8/7.6
R62	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	71.8/40.6
R64	7410000830	S.ARR EXB-V4V 103JV (10K)	T	37.9/6.1
R65	7410000830	S.ARR EXB-V4V 103JV (10K)	T	37.9/9.7
R66	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	70.9/11.8
R67	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	51/48.8
R68	7030003340	S.RES ERJ3GEYJ 151 V (150)	T	35/46
R69	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	70.8/63
R70	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	42.6/63.4
R71	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	T	40.4/62.6
R72	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	38.2/63.4
R73	7030003520	S.RES ERJ3GEYJ 472 V (4.7K)	T	11.5/37.8
R74	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	12.2/25.8
R75	7030003440	S.RES ERJ3GEYJ 102 V (1K)	T	14.8/25.8
R76	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	54.6/29
R77	7030003680	S.RES ERJ3GEYJ 104 V (100K)	T	80/10.8
R78	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	27/54.6
R79	7030003350	S.RES ERJ3GEYJ 181 V (180)	T	71.6/46.1
R100	7030003560	S.RES ERJ3GEYJ 103 V (10K)	T	17.1/41.3
R103	7030003860	S.RES ERJ3GE JPW V	T	78.4/12
R104	7030003860	S.RES ERJ3GE JPW V	T	80/13.4
R106	7030003860	S.RES ERJ3GE JPW V	T	69.6/11.8
R107	7030003860	S.RES ERJ3GE JPW V	T	88.8/69.6
R108	7030003860	S.RES ERJ3GE JPW V	T	86/69.8
R109	7030003860	S.RES ERJ3GE JPW V	T	78.6/68.4
C1	4030006850	S.CER C1608 JB 1H 471K-T	T	79.8/18.1
C2	4030009530	S.CER C1608 CH 1H 030B-T	T	83/13.4
C6	4030009530	S.CER C1608 CH 1H 030B-T	T	76.8/13.4
C8	4030009520	S.CER C1608 CH 1H 020B-T	T	73.8/12.6
C9	4030006850	S.CER C1608 JB 1H 471K-T	T	69.2/6.6
C11	4030007130	S.CER C1608 CH 1H 101J-T	T	67.4/12.6
C14	4030007010	S.CER C1608 CH 1H 100D-T	T	61.4/8.8
C16	4030006860	S.CER C1608 JB 1H 102K-T	T	66.2/7.2
C17	4030007130	S.CER C1608 CH 1H 101J-T	T	66.2/5.9
C18	4030008560	S.CER C1608 CH 1H 300J-T	T	54/22.6
C21	4030006850	S.CER C1608 JB 1H 471K-T	T	55.4/26.8
C24	4030007130	S.CER C1608 CH 1H 101J-T	T	63/28.2
C25	4030006990	S.CER C1608 CH 1H 080D-T	T	60.6/22.6
C26	4030007130	S.CER C1608 CH 1H 101J-T	T	61.9/22.6
C27	4030009530	S.CER C1608 CH 1H 030B-T	T	73.4/53.2
C29	4030006850	S.CER C1608 JB 1H 471K-T	T	74.2/55.6
C34	4030006860	S.CER C1608 JB 1H 102K-T	T	84.2/71.2
C36	4030006860	S.CER C1608 JB 1H 102K-T	T	77.8/71.2
C37	4030006860	S.CER C1608 JB 1H 102K-T	T	69.4/72.8
C38	4030006860	S.CER C1608 JB 1H 102K-T	T	80.6/75.4
C39	4030006860	S.CER C1608 JB 1H 102K-T	T	69.4/74.2
C40	4030007130	S.CER C1608 CH 1H 101J-T	T	65.2/79.8
C41	4030006860	S.CER C1608 JB 1H 102K-T	T	66.6/79.8
C42	4030007130	S.CER C1608 CH 1H 101J-T	T	68/67.7
C43	4030006860	S.CER C1608 JB 1H 102K-T	T	68/66.4
C44	4030006860	S.CER C1608 JB 1H 102K-T	T	53/73.6
C45	4030006860	S.CER C1608 JB 1H 102K-T	T	46/75.8

[CONV-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION	M.	H/V LOCATION
C46	4030006860	S.CER C1608 JB 1H 102K-T	T	37.6/77.4
C47	4030006860	S.CER C1608 JB 1H 102K-T	T	48.8/80
C48	4030007130	S.CER C1608 CH 1H 101J-T	T	37.6/78.8
C49	4030007130	S.CER C1608 CH 1H 101J-T	T	54.4/79.2
C50	4030006860	S.CER C1608 JB 1H 102K-T	T	55.8/79.2
C51	4030007130	S.CER C1608 CH 1H 101J-T	T	36.2/72.3
C52	4030006860	S.CER C1608 JB 1H 102K-T	T	36.2/71
C53	4030006860	S.CER C1608 JB 1H 102K-T	T	33.8/71.8
C54	4030008920	S.CER C1608 JB 1H 473K-T	T	11.2/49.4
C55	4030011600	S.CER C1608 JB 1E 104K-T	T	9.2/45.6
C56	4030008920	S.CER C1608 JB 1H 473K-T	T	10.4/47.5
C57	4030008920	S.CER C1608 JB 1H 473K-T	T	40.2/3.8
C58	4030006860	S.CER C1608 JB 1H 102K-T	T	41.6/3.8
C60	4550006270	S.TAN TEESVP 1A 105M8R	T	25.8/49.2
C61	4030006860	S.CER C1608 JB 1H 102K-T	T	16.6/50.1
C62	4030011600	S.CER C1608 JB 1E 104K-T	T	14.2/52.9
C63	4030006850	S.CER C1608 JB 1H 471K-T	T	12.9/54.8
C64	4550006270	S.TAN TEESVP 1A 105M8R	T	8.8/51.1
C66	4030006900	S.CER C1608 JB 1H 103K-T	T	14/29.4
C67	4550000530	S.TAN TEESVA 1V 104M8R	T	18/28.4
C69	4030006860	S.CER C1608 JB 1H 102K-T	T	36.4/22.6
C70	4030007090	S.CER C1608 CH 1H 470J-T	T	37.8/22.6
C71	4510009140	S.ELE EEE1AA330SR	T	38.6/28.2
C74	4030006850	S.CER C1608 JB 1H 471K-T	T	17.2/36
C75	4030006850	S.CER C1608 JB 1H 471K-T	T	22.9/41
C76	4030009530	S.CER C1608 CH 1H 030B-T	T	25.8/43.6
C77	4030009500	S.CER C1608 CH 1H 0R5B-T	T	26.6/45.6
C78	4030009530	S.CER C1608 CH 1H 030B-T	T	25.8/47.7
C79	4030006860	S.CER C1608 JB 1H 102K-T	T	20.7/50.5
C80	4030006850	S.CER C1608 JB 1H 471K-T	T	26.2/56.9
C81	4030006850	S.CER C1608 JB 1H 471K-T	T	16.4/56.1
C82	4030006850	S.CER C1608 JB 1H 471K-T	T	9.2/54.8
C83	4030007090	S.CER C1608 CH 1H 470J-T	T	9.2/53.5
C84	4030006860	S.CER C1608 JB 1H 102K-T	T	19.2/55.3
C85	4030007090	S.CER C1608 CH 1H 470J-T	T	14.1/60.7
C86	4030006850	S.CER C1608 JB 1H 471K-T	T	14.1/58
C87	4030006850	S.CER C1608 JB 1H 471K-T	T	14.1/63.4
C93	4030006850	S.CER C1608 JB 1H 471K-T	T	12.2/62.5
C94	4030007090	S.CER C1608 CH 1H 470J-T	T	12.2/61.2
C100	4030006850	S.CER C1608 JB 1H 471K-T	T	37.4/61.2
C101	4030006850	S.CER C1608 JB 1H 471K-T	T	26.8/61
C102	4030007090	S.CER C1608 CH 1H 470J-T	T	31.2/57.6
C103	4030006850	S.CER C1608 JB 1H 471K-T	T	46.2/54.6
C104	4030006850	S.CER C1608 JB 1H 471K-T	T	45.6/60.4
C105	4030007090	S.CER C1608 CH 1H 470J-T	T	44.2/60.4
C107	4030006860	S.CER C1608 JB 1H 102K-T	T	8.1/68.2
C108	4030006860	S.CER C1608 JB 1H 102K-T	T	17/71.4
C109	4030006860	S.CER C1608 JB 1H 102K-T	T	16.4/83.2
C111	4030011600	S.CER C1608 JB 1E 104K-T	T	19.8/3.1
C112	4030011600	S.CER C1608 JB 1E 104K-T	T	7.4/16.4
C113	4030007090	S.CER C1608 CH 1H 470J-T	T	23.1/37.2
C114	4030006860	S.CER C1608 JB 1H 102K-T	T	23.1/35.9
C115	4030006990	S.CER C1608 CH 1H 080D-T	T	44.6/49.4
C117	4030006970	S.CER C1608 CH 1H 060D-T	T	44/47.2
C119	4030009530	S.CER C1608 CH 1H 030B-T	T	44/44
C120	4030007090	S.CER C1608 CH 1H 470J-T	T	51/46
C121	4030006850	S.CER C1608 JB 1H 471K-T	T	51/47.4
C122	4030006950	S.CER C1608 CH 1H 040C-T	T	40.8/49.4
C124	4030009530	S.CER C1608 CH 1H 030B-T	T	41.6/47.2
C125	4030009500	S.CER C1608 CH 1H 0R5B-T	T	40/44.2
C126	4030009520	S.CER C1608 CH 1H 020B-T	T	41.6/44.2
C127	4030007090	S.CER C1608 CH 1H 470J-T	T	34.4/40.4
C128	4030006850	S.CER C1608 JB 1H 471K-T	T	35.7/40.4
C129	4030006850	S.CER C1608 JB 1H 471K-T	T	50.4/39.6
C130	4030009530	S.CER C1608 CH 1H 030B-T	T	72.2/11.8
C131	4030006860	S.CER C1608 JB 1H 102K-T	T	74.4/67.2
C132	4030006860	S.CER C1608 JB 1H 102K-T	T	42.6/71.8
C135	4030006860	S.CER C1608 JB 1H 102K-T	T	17.5/23.8
C136	4030006850	S.CER C1608 JB 1H 471K-T	T	82.8/19.6
C137	4030006960	S.CER C1608 CH 1H 050C-T	T	58.2/8.8
C138	4030007010	S.CER C1608 CH 1H 100D-T	T	56.2/6.8
C139	4030009520	S.CER C1608 CH 1H 020B-T	T	55.4/8.8
C140	4030007010	S.CER C1608 CH 1H 100D-T	T	53.2/9.6
C141	4030006950	S.CER C1608 CH 1H 040C-T	T	54.6/6.8
C142	4030006960	S.CER C1608 CH 1H 050C-T	T	46.2/52.6
C143	4030009520	S.CER C1608 CH 1H 020B-T	T	48.2/50.4
C144	4030006850	S.CER C1608 JB 1H 471K-T	T	44.8/62.6
C145	4030006860	S.CER C1608 JB 1H 102K-T	T	12.8/37.8
C146	4030006880	S.CER C1608 JB 1H 472K-T	T	14/32.1
C147	4030011600	S.CER C1608 JB 1E 104K-T	T	13.5/25.8
C148	4550000460	S.TAN TEESVA 1C 105M8R	T	18/26.2
C149	4030007010	S.CER C1608 CH 1H 100D-T	T	53.8/26.8
C150	4030006850	S.CER C1608 JB 1H 471K-T	T	73.8/30.2
C152	4030006850	S.CER C1608 JB 1H 471K-T	T	55.8/10.6
C154	4030006850	S.CER C1608 JB 1H 471K-T	T	66.2/4.6
C155	4530000400	S.ARR EZANCE 220M 22P	T	11.6/71.5
C156	4530000400	S.ARR EZANCE 220M 22P	T	11.6/80
C163	4030006860	S.CER C1608 JB 1H 102K-T	T	14.4/41.3
C164	4030007140	S.CER C1608 CH 1H 121J-T	T	9/37
C165	4030007140	S.CER C1608 CH 1H 121J-T	T	9.2/43
C166	4030006860	S.CER C1608 JB 1H 102K-T	T	11.7/41.2
C167	4030007050	S.CER C1608 CH 1H 220J-T	T	14.1/39
C168	4030009500	S.CER C1608 CH 1H 0R5B-T	T	40/47.2
C169	4030009500	S.CER C1608 CH 1H 0R5B-T	T	45.4/47.2
C170	4030009520	S.CER C1608 CH 1H 020B-T	T	69/28.2
C171	4030006860	S.CER C1608 JB 1H 102K-T	T	63.2/22.6
C172	4030006860	S.CER C1608 JB 1H 102K-T	T	42.9/60.4
C173	4030007010	S.CER C1608 CH 1H 100D-T	T	19.2/56.6
C174	4030006860	S.CER C1608 JB 1H 102K-T	T	19.9/42.7

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

[CONV-B UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
C175	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.3/50.7
C176	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.3/52
C177	4030011600	S.CER	C1608 JB 1E 104K-T	T	15.5/52.9
RL1	6330000810	REL	ARK115		
RL2	6330000810	REL	ARK115		
CP1	6910009670	S.CHE	HK3-S-T	T	13.7/23.3
CP2	6910009670	S.CHE	HK3-S-T	T	44.4/2
J1	6510019141	S.CON	52610-1071(1090)	T	4/74.6
J2	6510007020	CON	TMP-J01X-V6		

[DISP-A UNIT]

REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1140003670	S.IC	HD6473834H (Z-TAT)	B	83.9/42
IC2	1130009121	S.IC	S1D15206F00A200	B	136.4/38.6
IC3	1130011130	S.IC	BU4030BF-E2	B	55.3/28
IC5	1180001111	S.IC	PQ20VZ51J00H S	B	213/56.1
IC6	1140009211	S.IC	CAT24C01BW-TE13	B	73.9/28.1
IC71	1110006260	S.IC	BD5242G-TR	B	53.2/45.9
Q2	1590000720	S.TRA	DTA144EUA T106	B	48.1/30.8
Q3	1590000430	S.TRA	DTC144EUA T106	B	48.1/33.4
Q4	1590000720	S.TRA	DTA144EUA T106	B	48.1/28.2
Q5	1590000430	S.TRA	DTC144EUA T106	B	48.1/25.6
Q6	1590000680	S.TRA	DTC114EUA T106	B	47.7/67.8
Q7	1590000430	S.TRA	DTC144EUA T106	B	205.1/49.1
D2	1750000550	S.DIO	1SS355 TE-17	B	46.7/65.4
X1	6050009661	S.XTA	MA-406 9.8304 MHz-F	B	86.5/21.7
R1	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	86.5/29
R2	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	70.7/34.2
R3	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	70.7/35.6
R4	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	70.7/37
R5	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	70.7/38.4
R6	7030003500	S.RES	ERJ3GEYJ 332 V (3.3K)	B	124.9/32.4
R7	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	121/28.8
R8	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	122.3/28.8
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	123.6/28.8
R10	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	124.9/28.8
R11	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	112.1/35.2
R12	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	113.2/32.9
R13	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	117.1/32.5
R15	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/69.8
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/71.1
R17	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/72.4
R18	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/73.7
R19	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/77.6
R20	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/76.3
R21	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	225.3/75
R22	7030003490	S.RES	ERJ3GEYJ 272 V (2.7K)	B	67.9/44.7
R23	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	208.2/49.1
R24	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	208.2/47.7
R25	7030003450	S.RES	ERJ3GEYJ 122 V (1.2K)	B	211/47.7
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	213/48.5
R27	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	58.9/18.8
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	56.5/19.6
R29	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	58.9/21.8
R30	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	57.3/23.2
R31	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	52.7/18.8
R32	7030003640	S.RES	ERJ3GEYJ 473 V (47K)	B	55.1/19.6
R33	7030003680	S.RES	ERJ3GEYJ 104 V (100K)	B	53.5/21.8
R34	7030003800	S.RES	ERJ3GEYJ 105 V (1M)	B	54.3/23.2
R41	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R42	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	38.5/20.4
R43	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R44	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	69.5/20.4
R45	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	91.3/30.4
R46	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	94.5/30.2
R47	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	95.5/35.4
R49	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	79.9/28.6
R50	7030003600	S.RES	ERJ3GEYJ 223 V (22K)	B	78.5/28.6
R51	7030003520	S.RES	ERJ3GEYJ 472 V (4.7K)	B	67.9/41.8
R52	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	57/83.6
R53	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	57/82.3
R56	7030006060	S.RES	ERJ12YJ100U (10)	B	136.5/72.5
R57	7030006060	S.RES	ERJ12YJ100U (10)	B	228/28.3
R71	7030003560	S.RES	ERJ3GEYJ 103 V (10K)	B	53.1/43.5
C1	4030007020	S.CER	C1608 CH 1H 120J-T	B	88.1/31.8
C2	4030007020	S.CER	C1608 CH 1H 120J-T	B	87.3/30.4
C3	4030006900	S.CER	C1608 JB 1H 103K-T	B	96.3/48.6
C5	4510009280	S.ELE	EEE1EA4R7SR	B	64.2/45.5
C7	4030006900	S.CER	C1608 JB 1H 103K-T	B	216.2/48.2
C9	4510008540	S.ELE	EEE1CA100SR	B	190.4/77.5
C10	4030006860	S.CER	C1608 JB 1H 102K-T	B	58.9/20.4
C11	4030006860	S.CER	C1608 JB 1H 102K-T	B	52.7/20.4
C13	4030006900	S.CER	C1608 JB 1H 103K-T	B	50.9/23.2
C14	4030006900	S.CER	C1608 JB 1H 103K-T	B	70.7/40.2
C15	4030006880	S.CER	C1608 JB 1H 472K-T	B	40.1/19
C16	4030006880	S.CER	C1608 JB 1H 472K-T	B	71.1/19
C17	4030006880	S.CER	C1608 JB 1H 472K-T	B	91.3/29
C18	4030006880	S.CER	C1608 JB 1H 472K-T	B	94.5/27.4
C19	4030006880	S.CER	C1608 JB 1H 472K-T	B	96.9/27.2
C20	4030006900	S.CER	C1608 JB 1H 103K-T	B	80.7/25.8
C21	4030006900	S.CER	C1608 JB 1H 103K-T	B	229/54.5
C22	4030006900	S.CER	C1608 JB 1H 103K-T	B	229/56.5
C71	4030008890	S.CER	C1608 JB 1H 273K-T	B	55.6/45.7
C72	4030006900	S.CER	C1608 JB 1H 103K-T	B	50.7/45.7
RL1	6330001420	S.REL	ATQ203SAZ	B	41.9/57
J2	6510019281	S.CON	52610-0971(0990)	B	135.5/13.3
J3	6510019291	S.CON	52610-1471(1490)	B	233.2/73.2

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

[DISP-A UNIT]

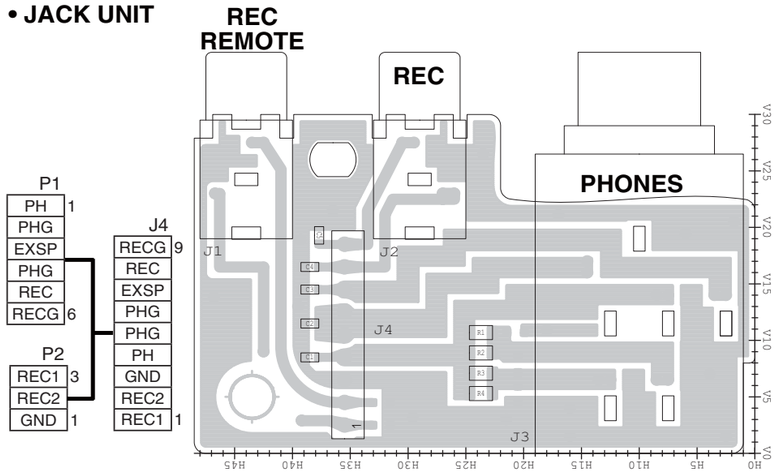
REF NO.	PARTS NO.	DESCRIPTION		M.	H/V LOCATION
J4	6510019361	S.CON	52610-0671(0690)	B	101.1/20.8
J5	6510019361	S.CON	52610-0671(0690)	B	233.2/18.7
J6	6510019371	S.CON	B3B-ZR-SM4-TF(LF)(SN)	B	27.9/57
J8	6510003401	CON	B04B-EH-S(LF)(SN)		
DS1	5030001360	LCD	DLC-7982YBGT	T	141.5/74
DS2	5080000370	LAM	HRS-4160A		
DS3	5080000370	LAM	HRS-4160A		
DS4	5080000370	LAM	HRS-4160A		
DS5	5080000370	LAM	HRS-4160A		
S1	2230000970	SWI	ESB-64620		
W1	7030012290	JUM	RDS2T0R0		
W2	7030012290	JUM	RDS2T0R0		
EP2	8930041151	LCD	SRCN-1768-SP-N-W-1 (SHJ)		
EP3	6910000640	BEA	FSRH090160RN000B (FSOH090RN) [CHN-01] only		

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

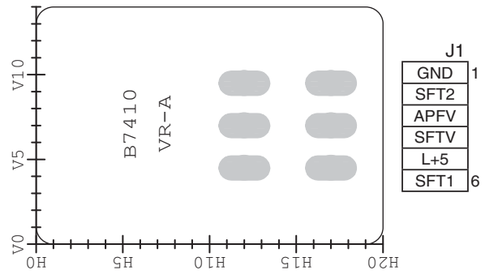
BOARD LAYOUTS

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

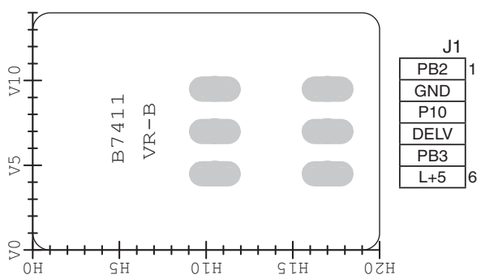
• JACK UNIT



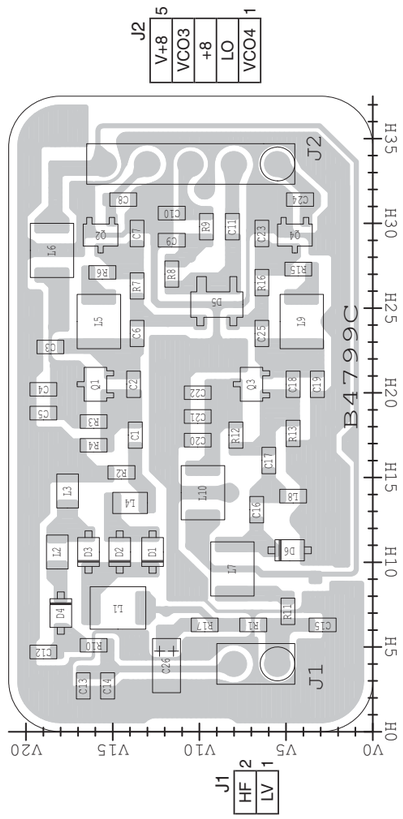
• VR-A UNIT



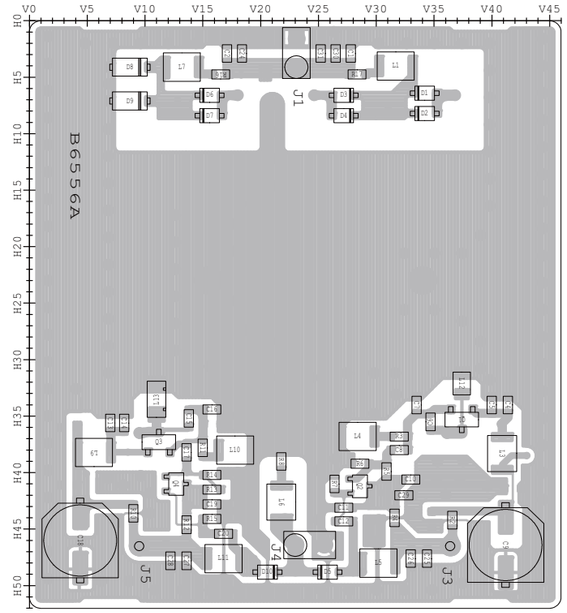
• VR-B UNIT



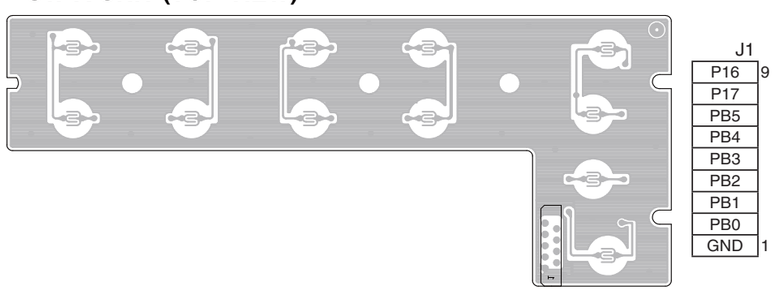
• VCO-B UNIT (TOP VIEW)



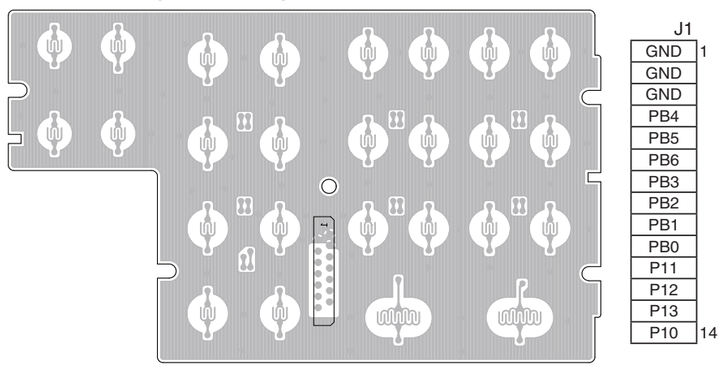
• VCO-C UNIT (TOP VIEW)



• SW-A UNIT (TOP VIEW)

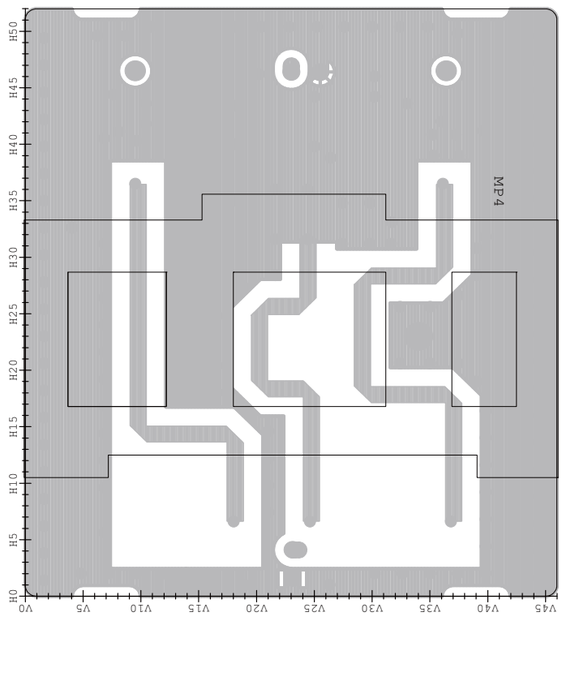


• SW-B UNIT (TOP VIEW)

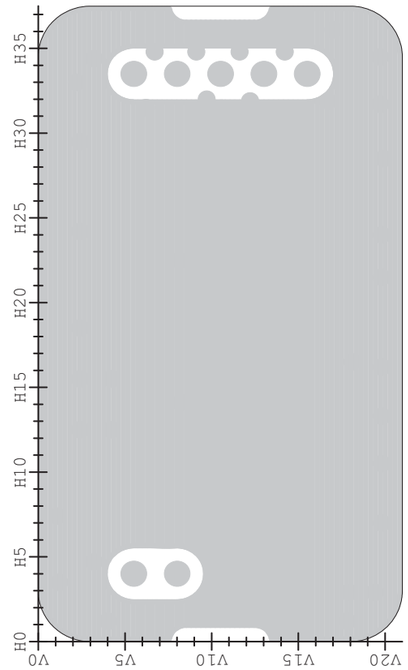


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

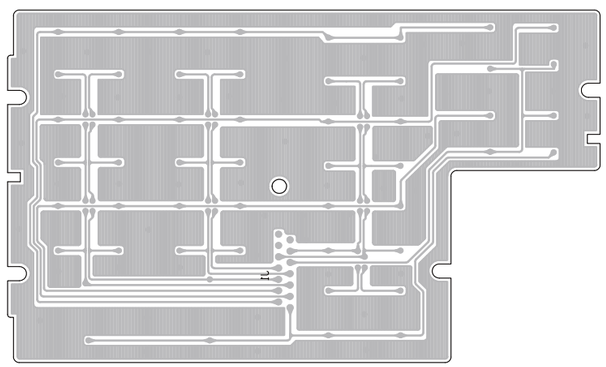
• **VCO-C UNIT (BOTTOM VIEW)**



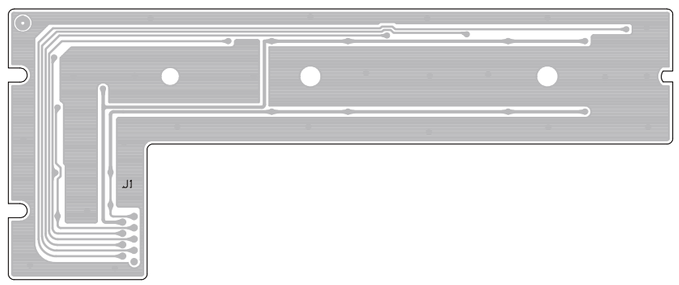
• **VCO-B UNIT (BOTTOM VIEW)**



• **SW-B UNIT (BOTTOM VIEW)**

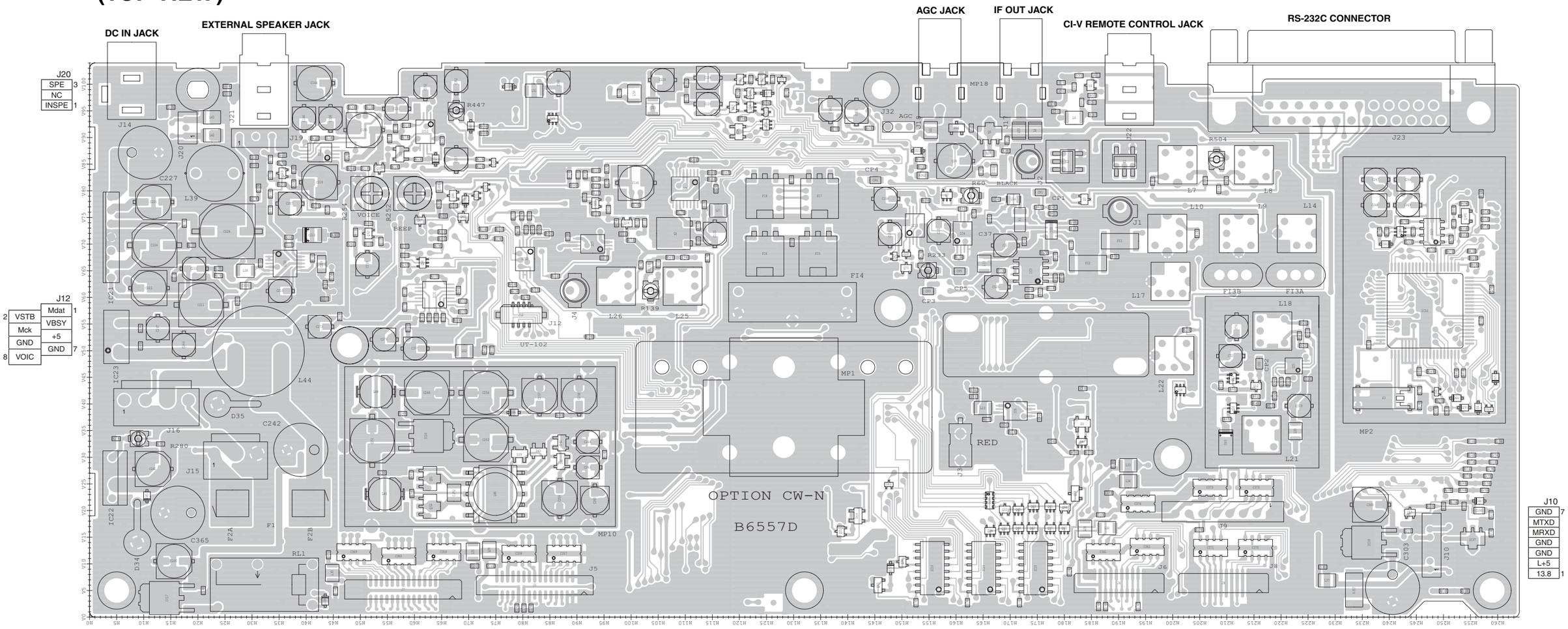


• **SW-A UNIT (BOTTOM VIEW)**



The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• MAIN-A UNIT (TOP VIEW)



J20

SPE	3
NC	
INSPE	1

J12

VSTB	2	Mdat	1
Mck		VBSY	
GND		+5	
VOIC	8	GND	7

J16

HV1	1
HV2	
LHV1	
LHV2	4

J15

DC IN	1
D OUT	
GND	3

J7

GND	15
+24	
F1	
F2	
F3	
F4	
M5V	
SW	
F2M	
F1M	
+8	
LVDA	
AGC	
-8	
GND	1

J5

GND	15
NC	
13.8	
NC	
+5	
AGC	
+8	
DE	
GND	
STBA	
Mdat	
Mck	
STBC	
GND	
GND	1

J6

GND	10
+24	
+8	
DE	
STBF	
STBB	
Mdat	
Mck	
+5	
GND	1

J9

13.8	8
+24	
LCT	
PSTB	
PDE	
Pdat	
Pck	
GND	1

J8

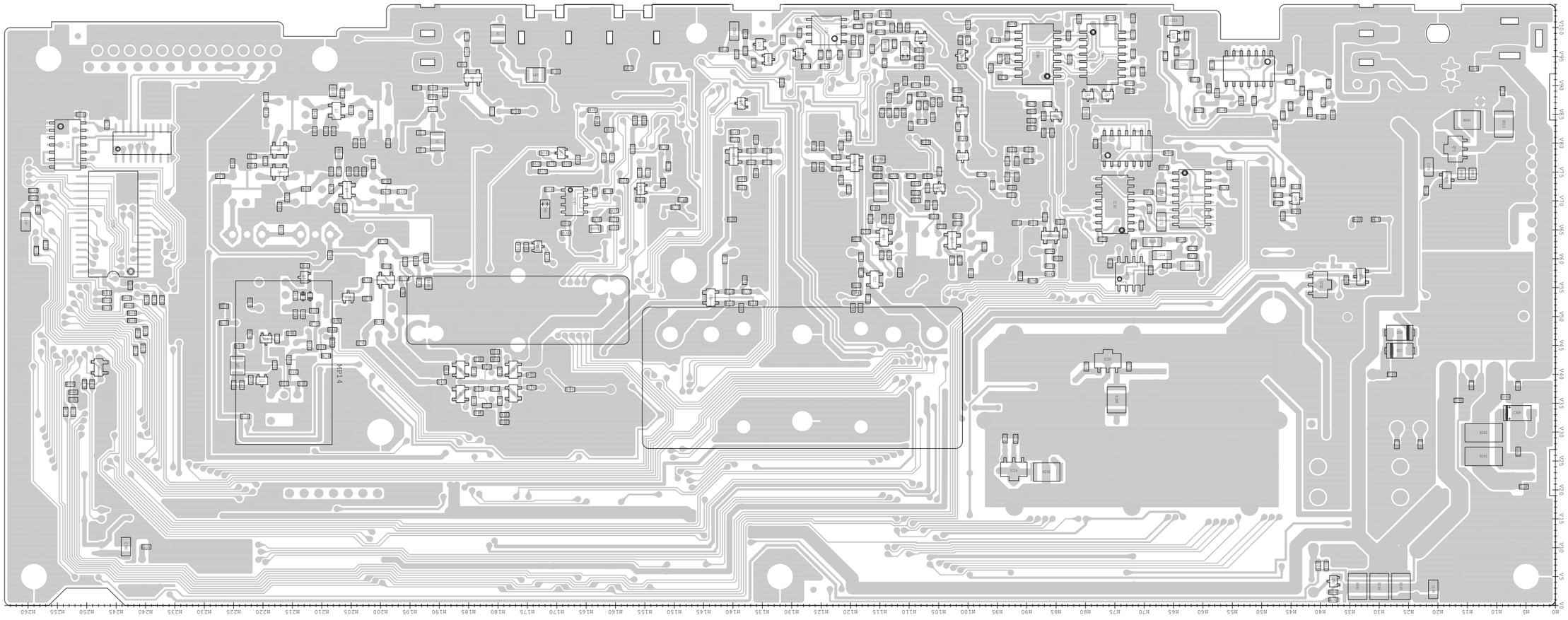
GND	10
-8	
GND	
+8	
F2M	
F1M	
GND	
M5V	
FILS	
GND	1

J10

GND	7
MTXD	
MRXD	
GND	
GND	
L+5	
13.8	1

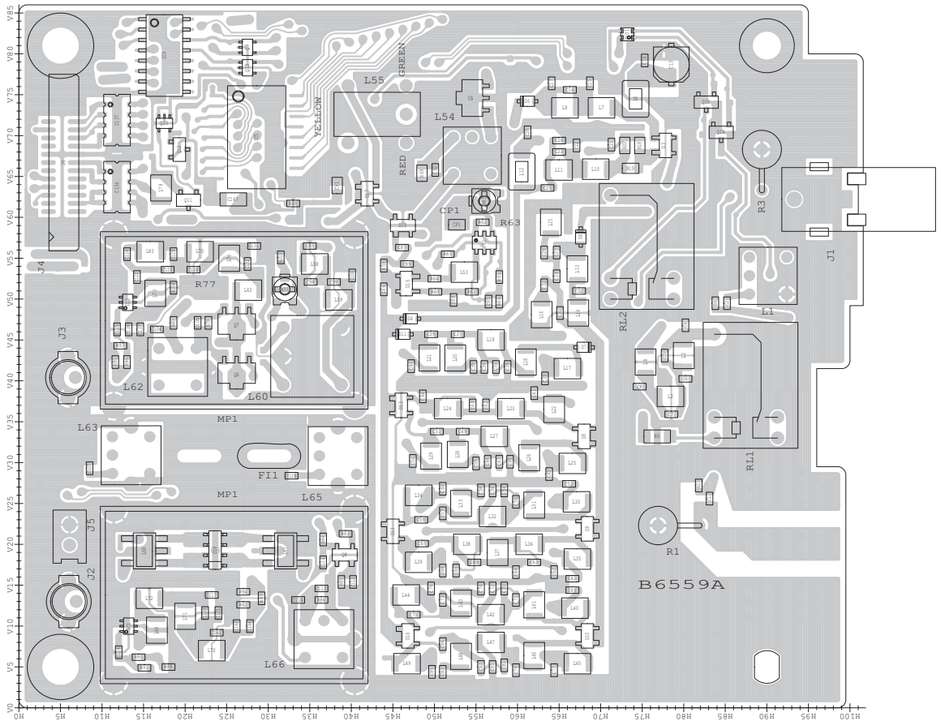
The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• MAIN-A UNIT (BOTTOM VIEW)

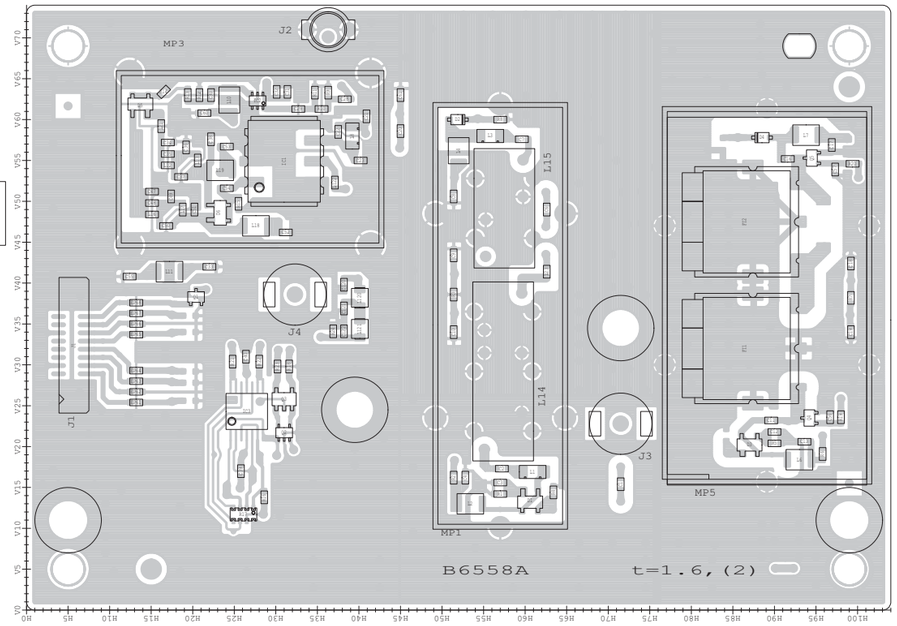


The combination of top side and bottom side of this page shows the actual configuration of P.C. board.

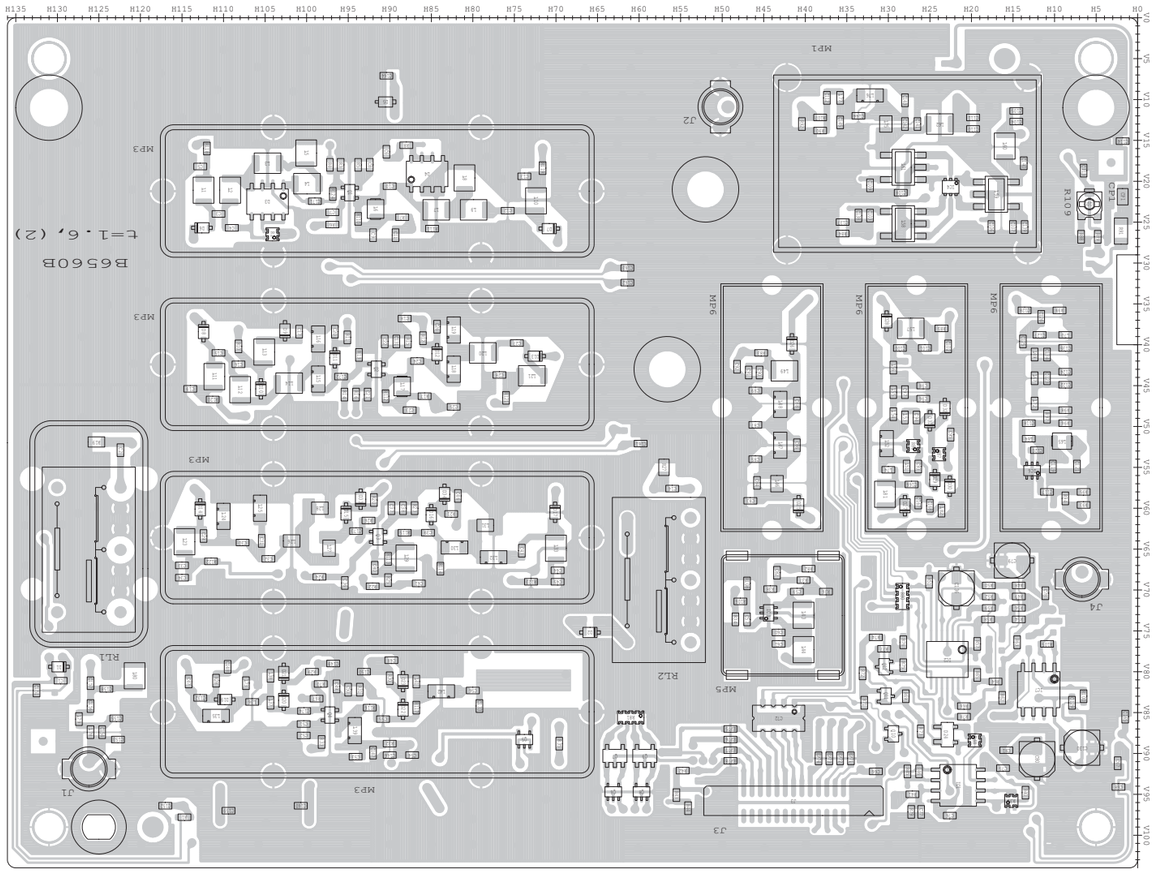
• RF-C UNIT (TOP VIEW)



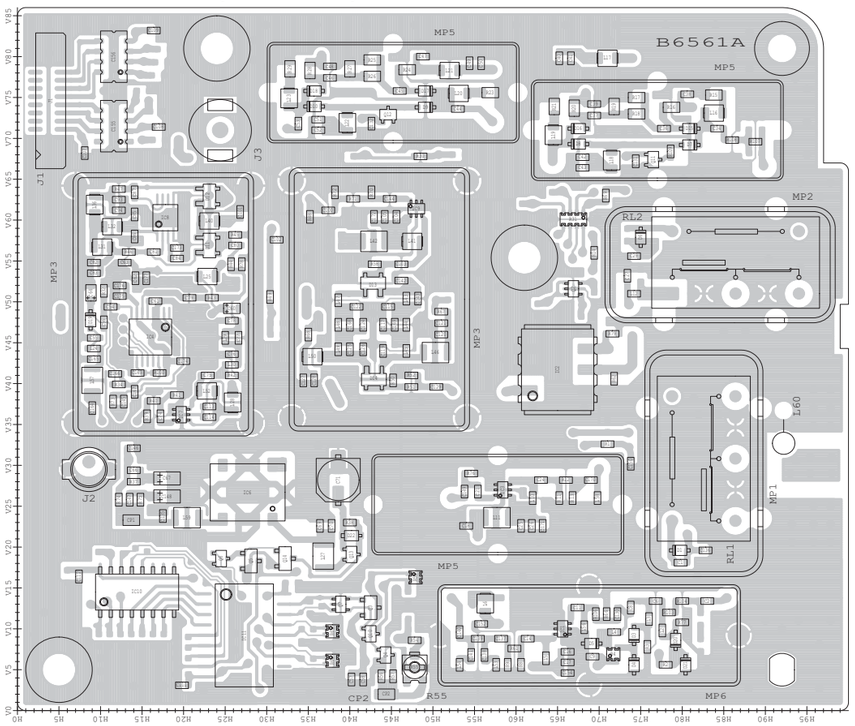
• MIX-A UNIT (TOP VIEW)



• RF-D UNIT (TOP VIEW)

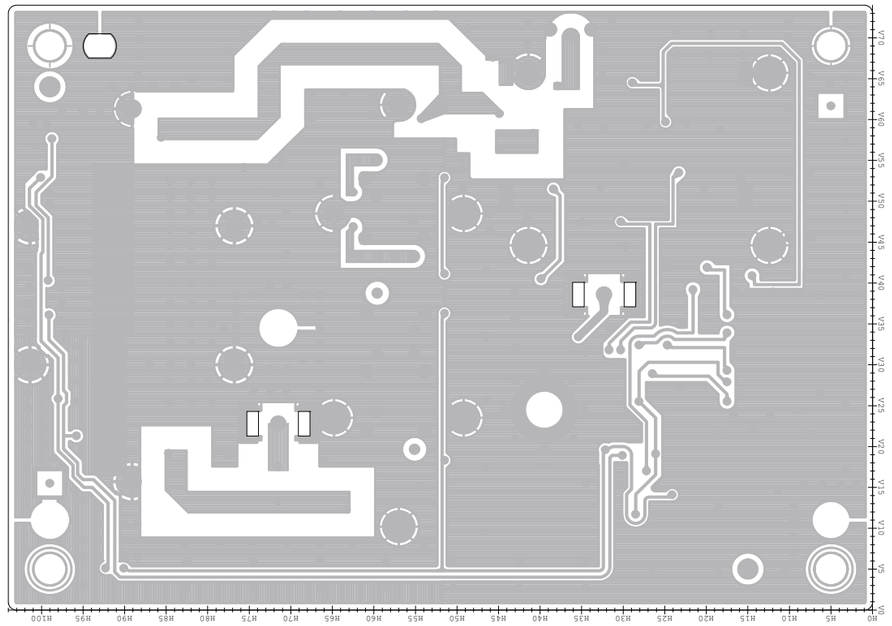


• CONV-B UNIT (TOP VIEW)

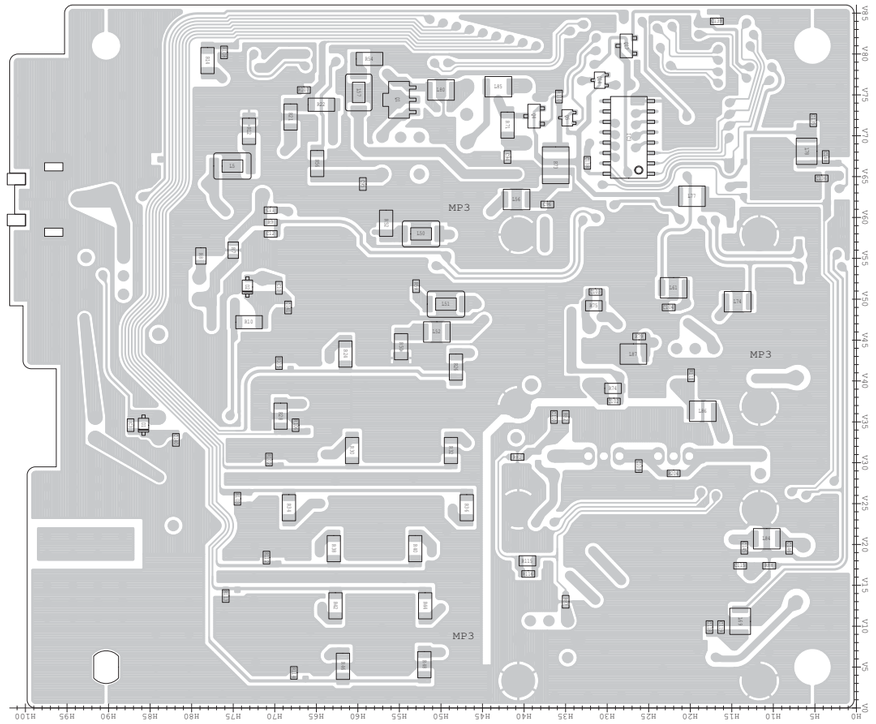


The combination of top side and bottom side of this page shows the actual configuration of P.C. board.

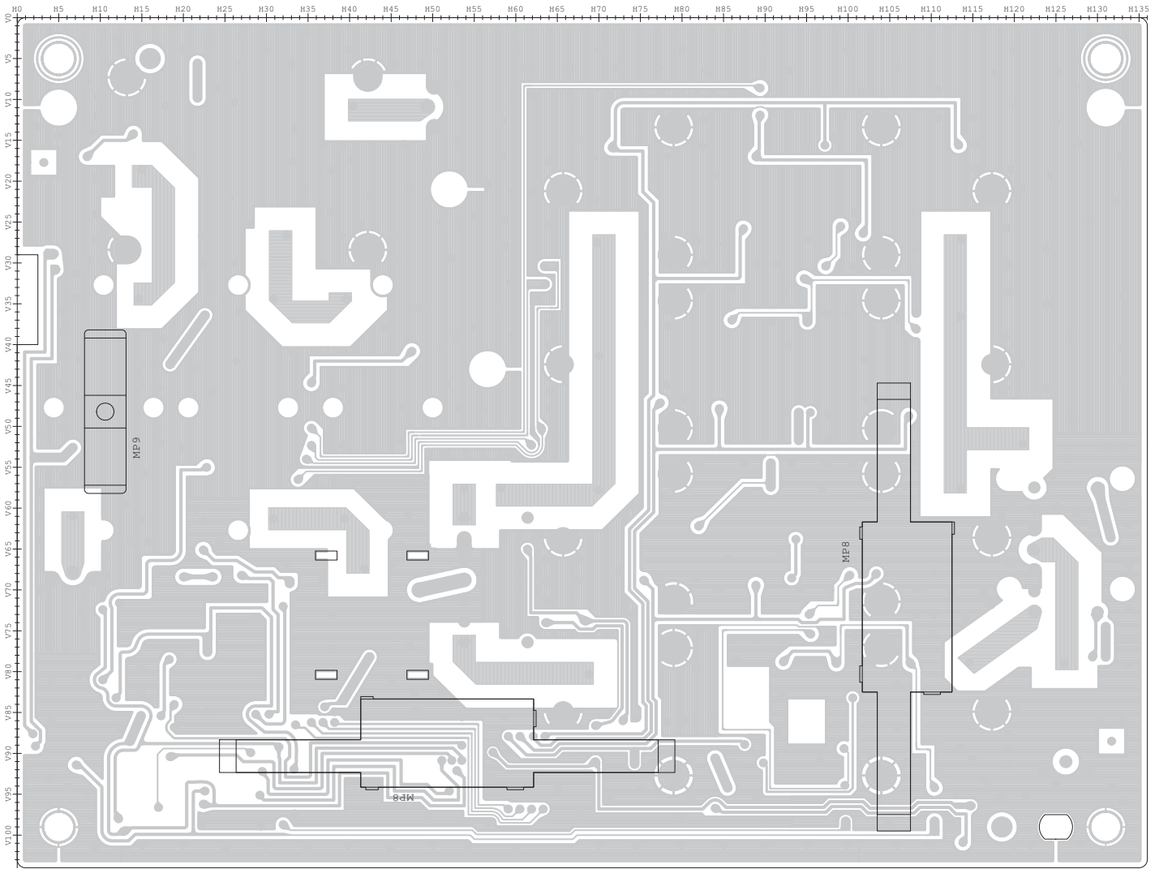
• MIX-A UNIT (BOTTOM VIEW)



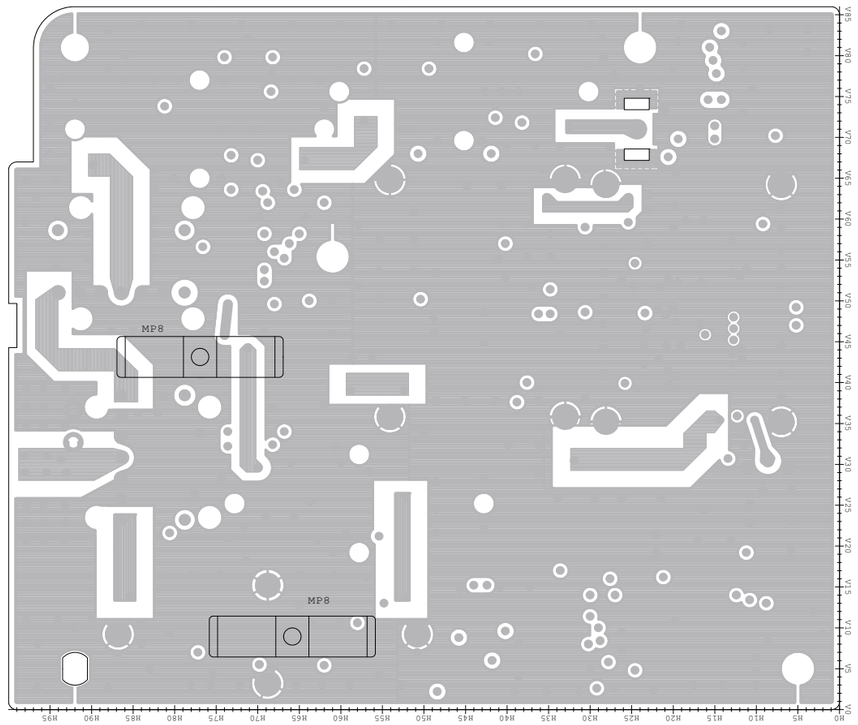
• RF-C UNIT (BOTTOM VIEW)



• RF-D UNIT (BOTTOM VIEW)

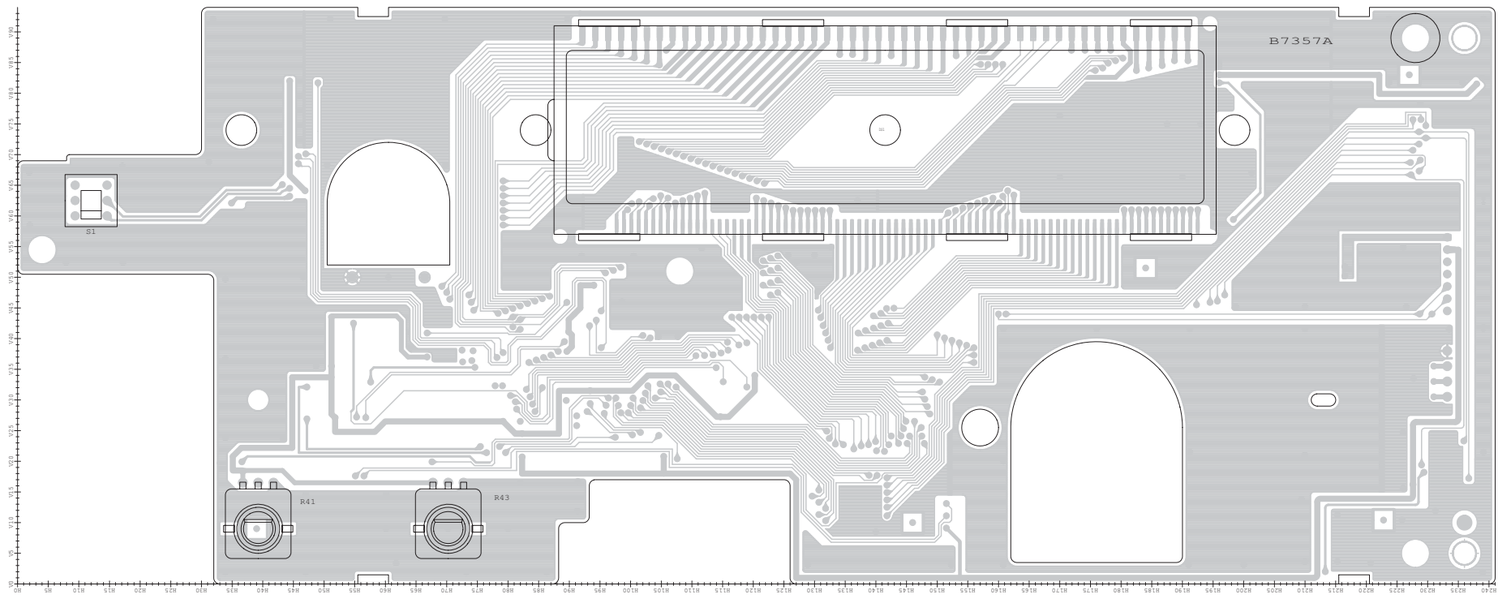


• CONV-B UNIT (BOTTOM VIEW)



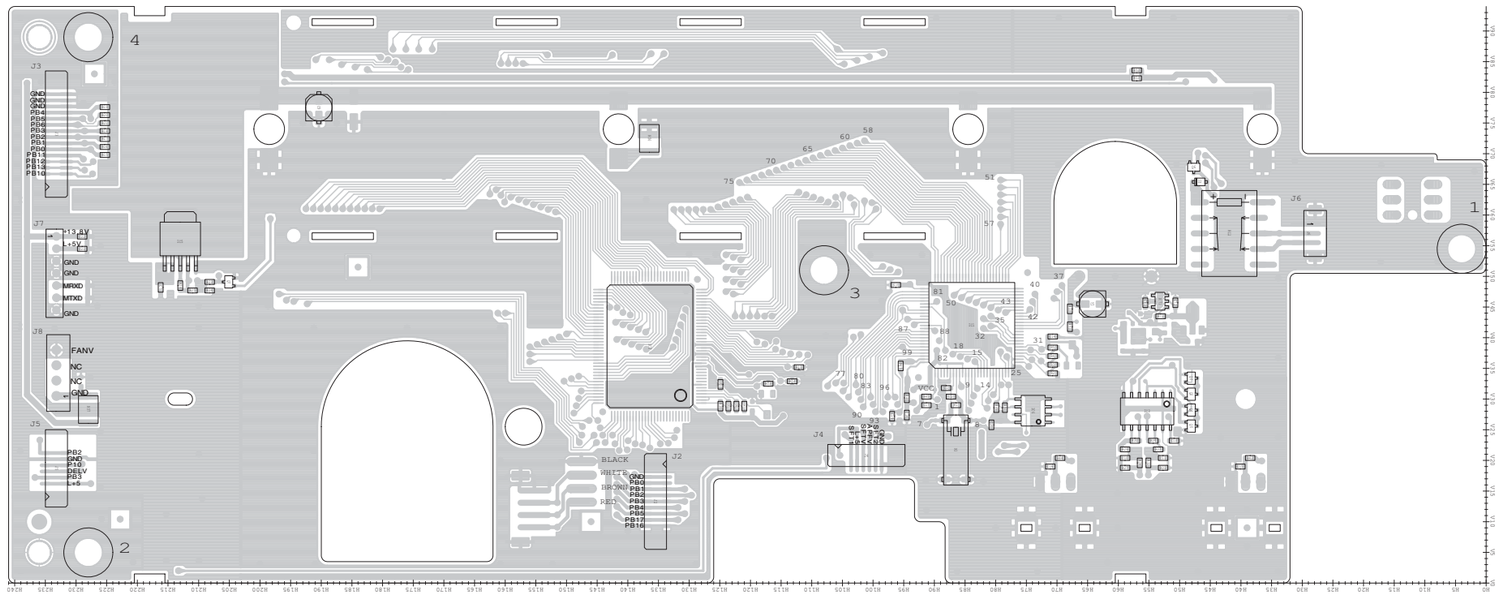
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• DISP-A UNIT (TOP VIEW)



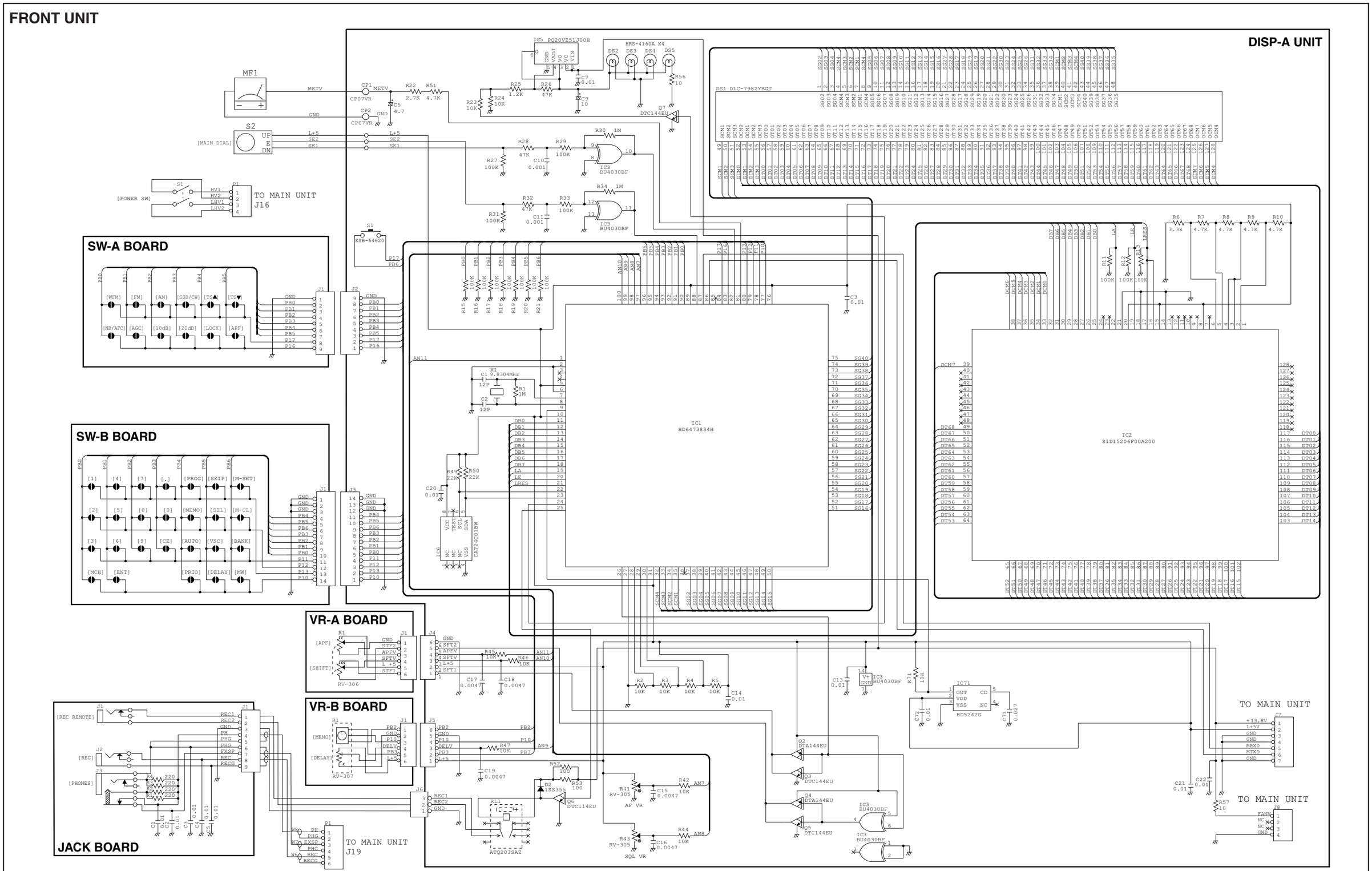
The combination of this page and next page shows the top side and bottom side of actual P.C. board.

• DISP-A UNIT (BOTTOM VIEW)

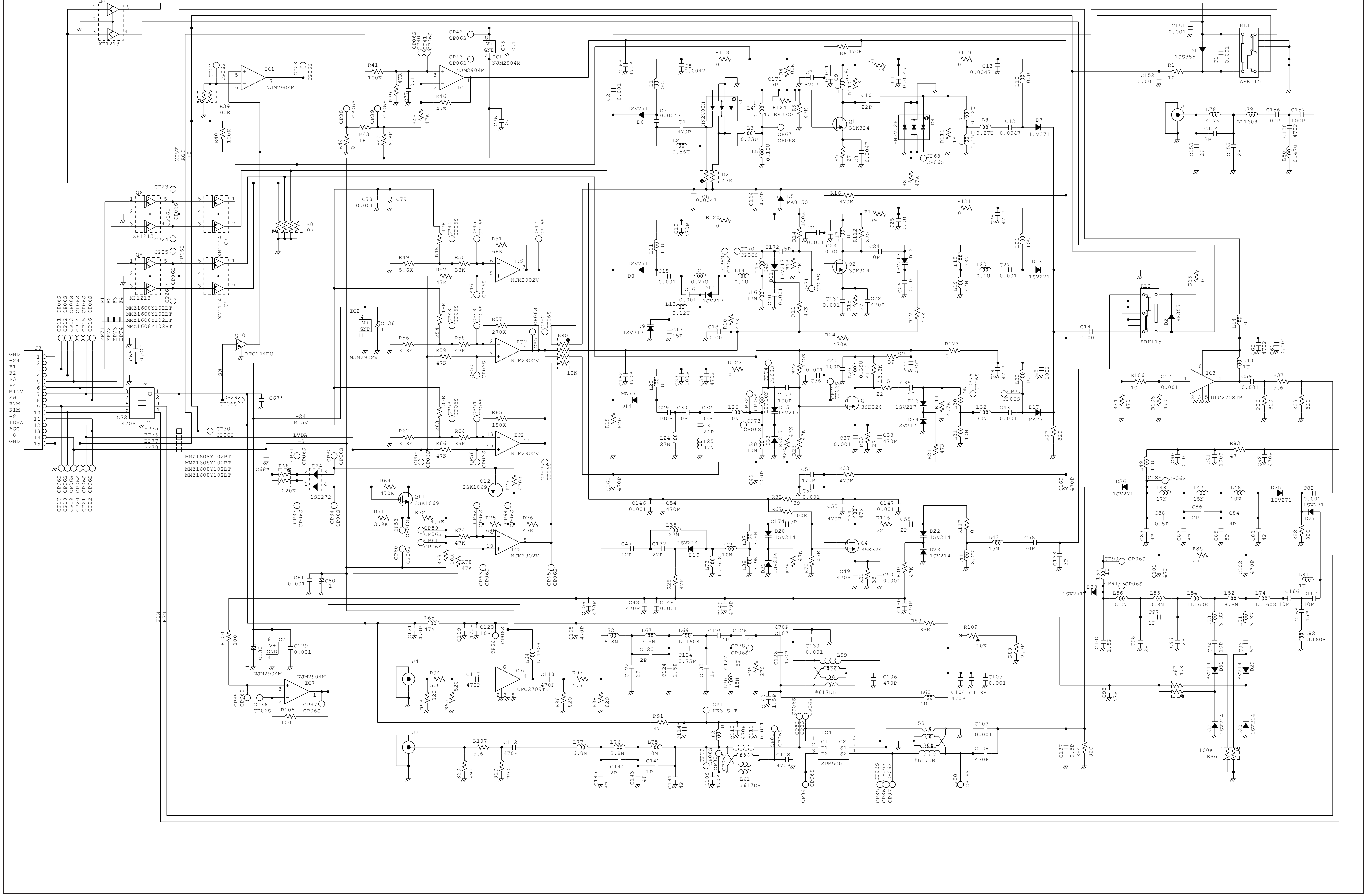


VOLTAGE DIAGRAM

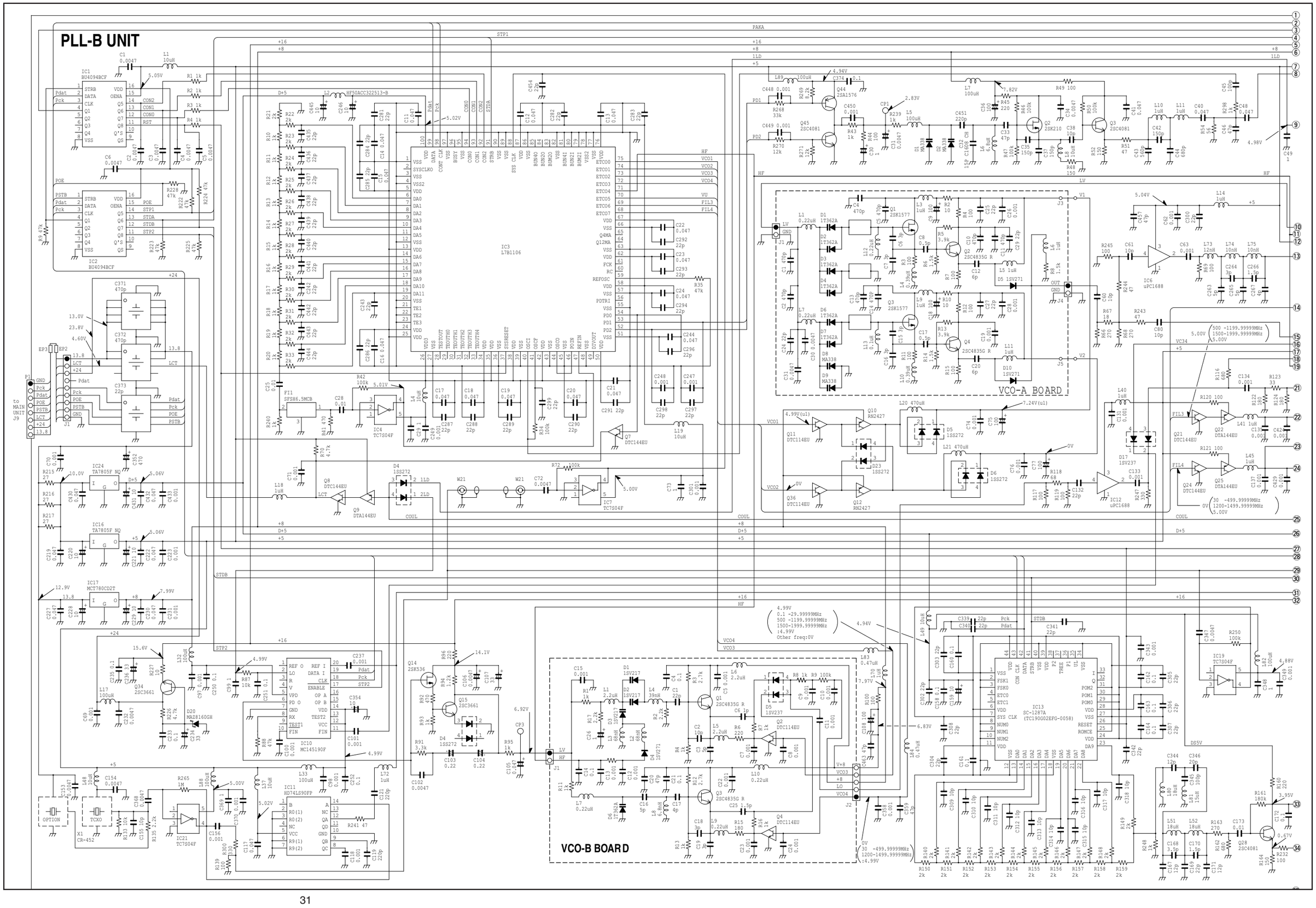
FRONT UNIT

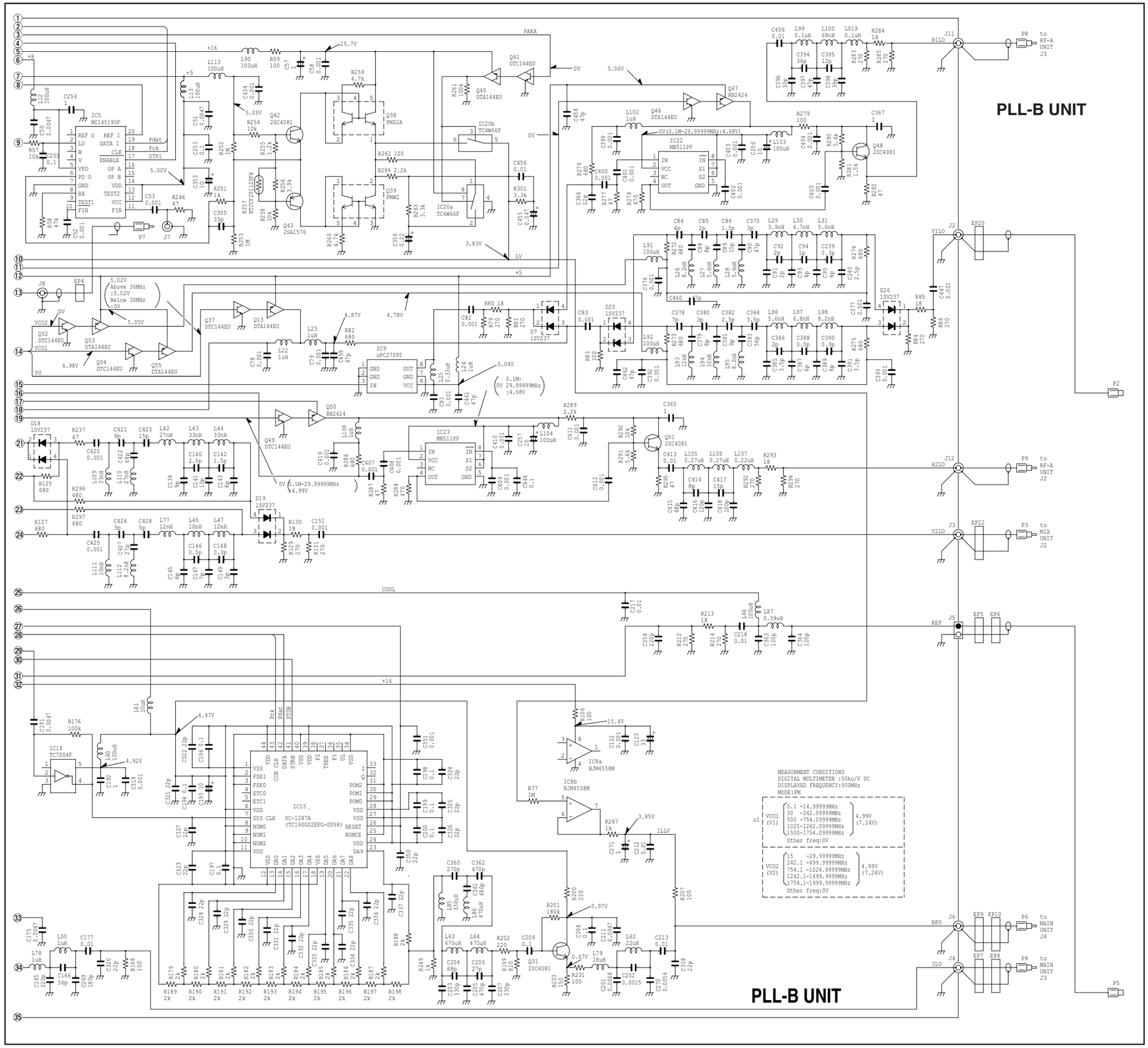


RF-D UNIT

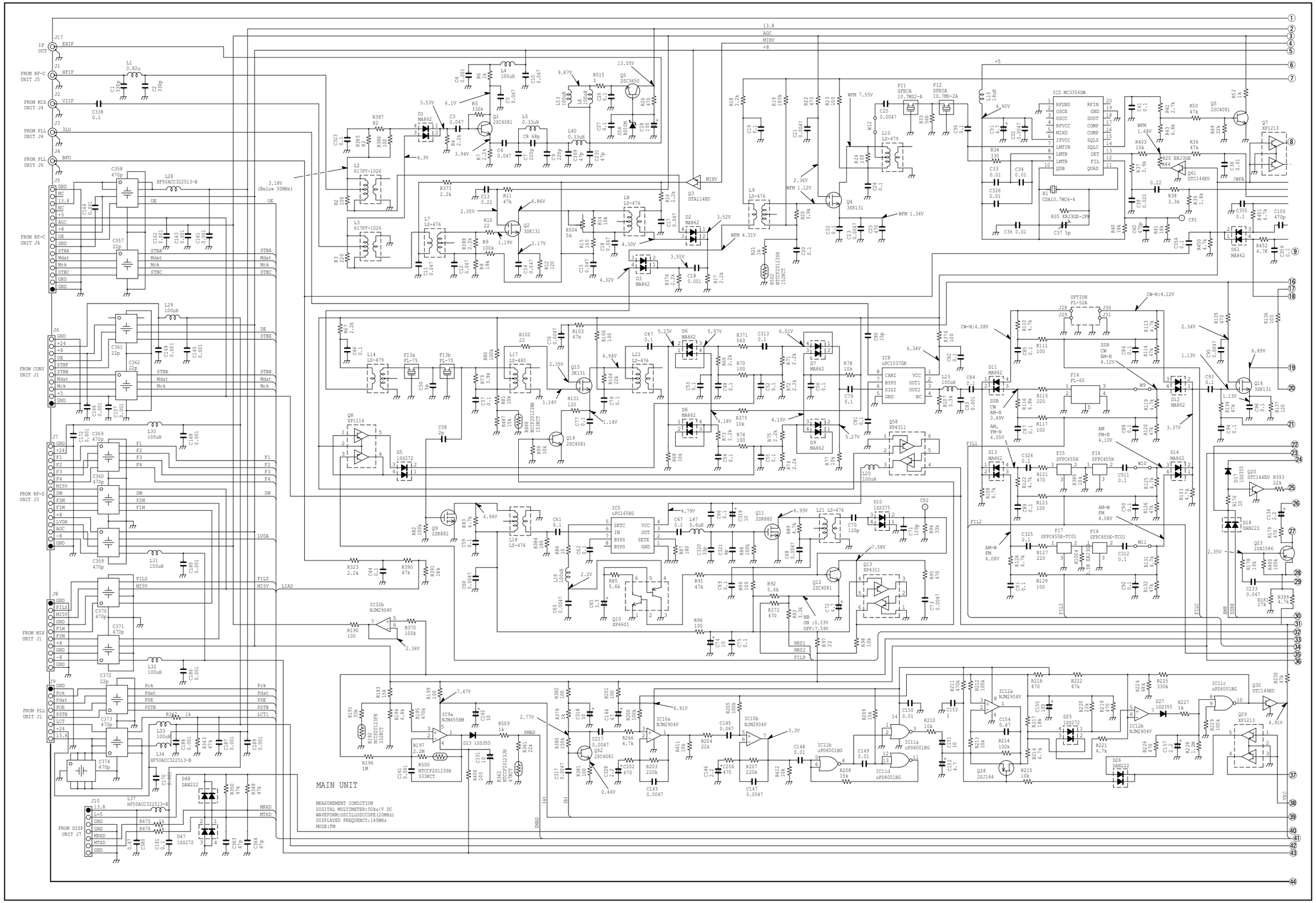


J3
GND
+24
F1
F2
F3
F4
MI5V
SW
F2M
F1M
+8
LDVA
AGC
-8
GND
XP1213
XN1114
DTC144EU
MMZ1608Y102BT
NJM2904M
NJM2902V
2SK1069
1SS272
3SK324
HN2V02H
1SV271
1SV217
1SV214
MA77
MA8150
1SS355
ARK115
UPC2708TB
UPC2709TB
SPM5001
#617DB
LL1608
ERJ3GE
HK3-S-T
CP06S
F1M
F2M
+24
MI5V
LVDA
-8

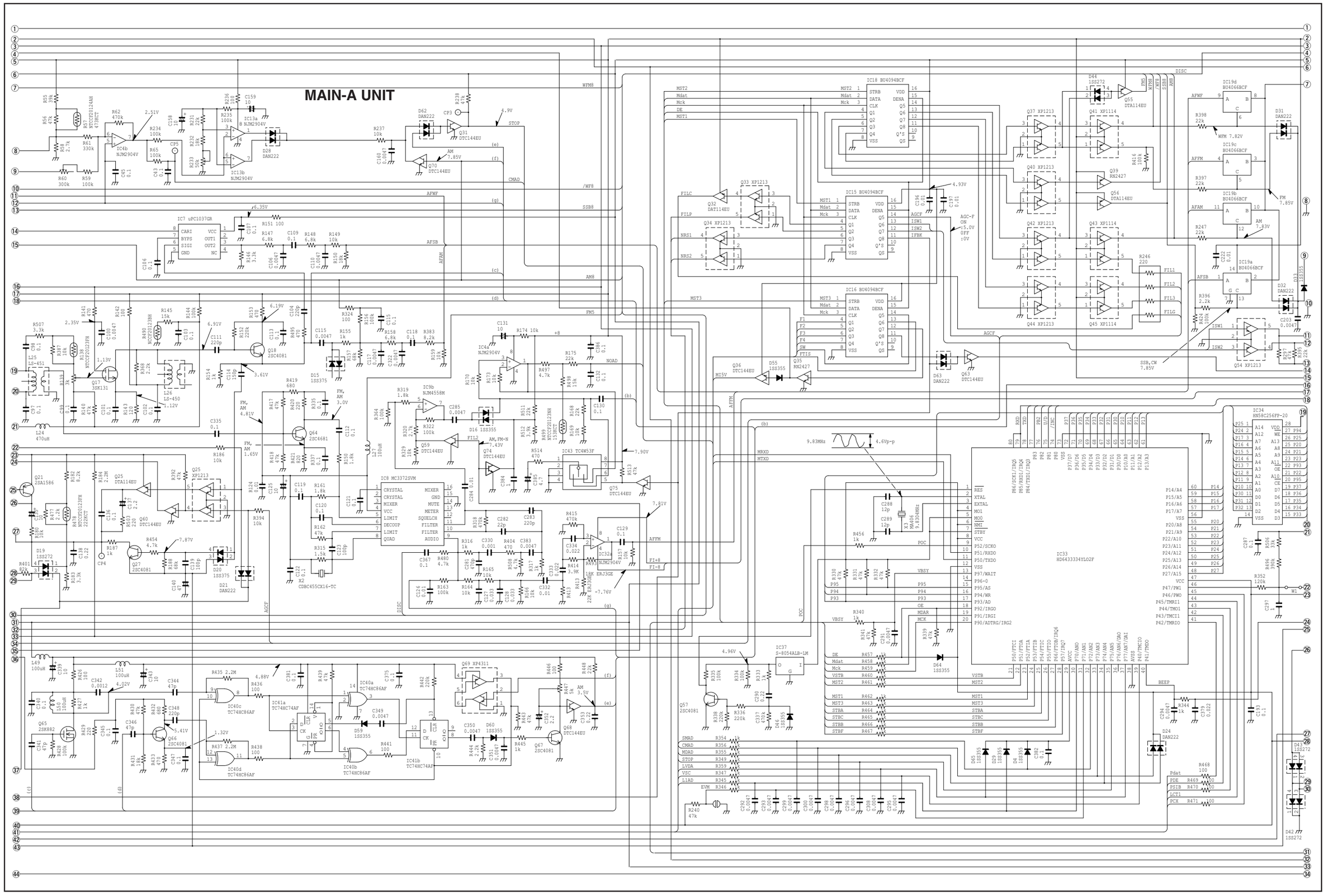

PLL-B UNIT
VCO-A BOARD
VCO-B BOARD
IC1 BU4094BCF
IC2 BU4094BCF
IC3 L7B1106
IC4 TC7S04F
IC7 TC7S04F
IC10 MC145190F
IC11 HD74LS90FP
IC12 uPC1688
IC13 SC-1287A (TC190G02EFG-0058)
IC19 TC7S04F
IC21 TC7S04F
IC24 TA7805F NQ
IC16 TA7805F NQ
IC17 MCT780CD2T
IC6 uPC1688
Q44 2SA1576
Q45 2SC4081
Q2 2SK210
Q3 2SC4081
Q1 2SK1577
Q2 2SC4835G R
Q3 2SK1577
Q4 2SC4835G R
Q7 DTC144EU
Q8 DTC144EU
Q9 DTA144EU
Q11 DTC114EU
Q12 RN2427
Q36 DTC114EU
Q21 DTC144EU
Q22 DTA144EU
Q24 DTC144EU
Q25 DTA144EU
Q28 2SC4081
Q34 2SC3661
Q14 2SK536
Q15 2SC3661
Q1 2SC4835G R
Q2 DTC114EU
Q3 2SC4835G R
Q4 DTC114EU
D5 1SV271
D10 1SV271
D17 1SV237
D4 1SS272
D6 1SS272
D23 1SS272
D20 MA28160GH
X1 CR-452
OPTION
TCXO
to MAIN UNIT J9
PAKA
STP1
STP2
STDB
COUL
LV
HF
VCO1
VCO2
VCO3
VCO4
4.99V
0.1 -29.99999MHz
500 -1199.99999MHz
1500-1999.99999MHz
:4.99V
Other freq:0V
30 -499.99999MHz
1200-1499.99999MHz
:4.99V

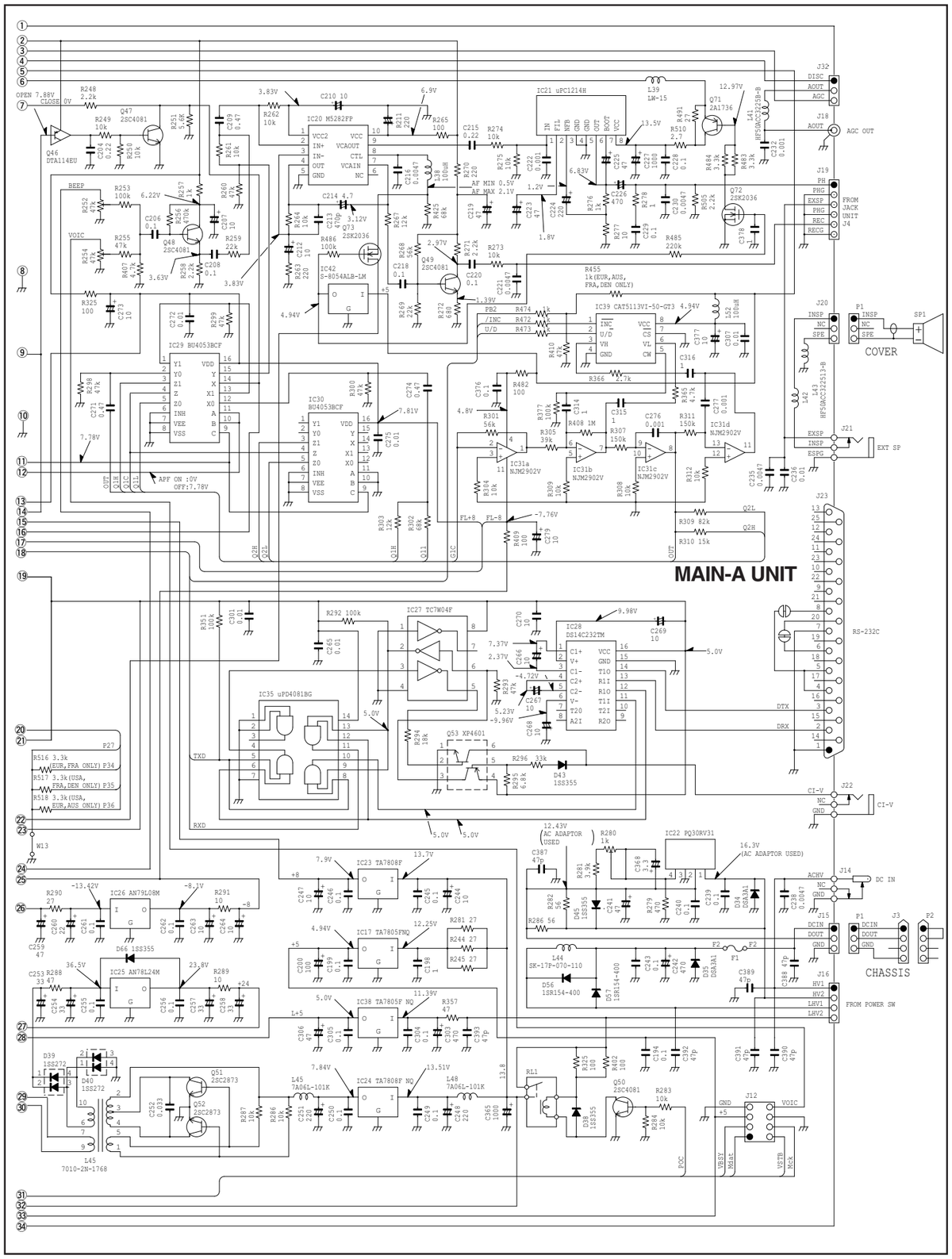

PLL-B UNIT
PLL-B UNIT
MEASURMENT CONDITIONS
DIGITAL MULTIMETER :50ku/V DC
DISPLAYED FREQUENCY:500MHz
MODE:FM
u1 VCO1 (V1) 0.1 -14.99999MHz 30 -242.09999MHz 500 -754.09999MHz 1025-1242.09999MHz 1500-1754.09999MHz 4.99V (7.24V)
Other freq:0V
VCO2 (V2) 15 -29.99999MHz 242.1 -499.99999MHz 754.1 -1024.99999MHz 1242.1-1499.9999MHz 1754.1-1999.99999MHz 4.99V (7.24V)
Other freq:0V
IC5 MC145190F
IC22 MB511PF
IC23 MB511PF
IC9 uPC2709T
IC15 SC-1287A (TC190G02EFG-0058)
IC18 TC7S04F
IC8a NJM4558M
IC8b NJM4558M
IC20a TC4W66F
IC20b TC4W66F
Q38 FMS2A
Q39 FMW2
Q42 2SC4081
Q43 2SA1576
Q41 DTC144EU
Q40 DTA144EU
Q46 DTA144EU
Q47 RN2424
Q48 2SC4081
Q50 RN2424
Q49 DTC144EU
Q51 2SC4081
Q31 2SC4081
Q52 DTC144EU
Q53 DTA144EU
Q54 DTC144EU
Q55 DTA144EU
Q37 DTC144EU
Q13 DTA144EU
D7 1SV237
D25 1SV237
D26 1SV237
D18 1SV237
D19 1SV237
J11 H1LO
J12 H2LO
J2 V1LO
J3 V2LO
J5 REF
J6 BFO
J4 3LO
P8 to RF-A UNIT J3
P9 to RF-A UNIT J2
P3 to MIX UNIT J2
P6 to MAIN UNIT J4
P4 to MAIN UNIT J3
P2
P5
P7
J7
J8
EP4
EP20
EP22
EP5
EP6
EP9
EP10
EP7
EP8
COUL
+16
+5
+8
LV
1LLV
PAKA

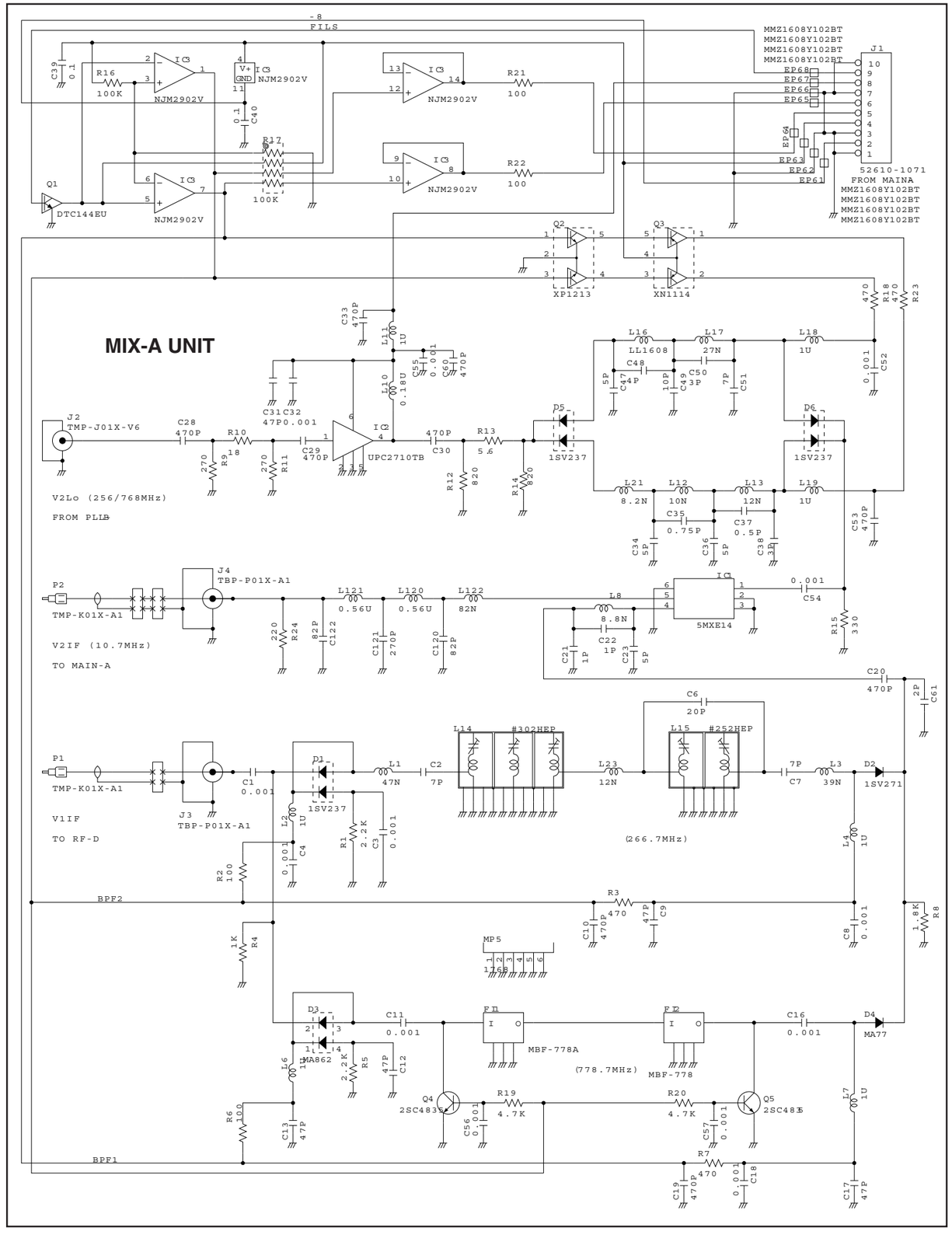
MAIN-A UNIT


MAIN UNIT
MEASUREMENT CONDITION
DIGITAL MULTIMETER:50ku/V DC
WAVEFORM:OSCILLOSCOPE(20MHz)
DISPLAYED FREQUENCY:145MHz
MODE:FM

MAIN-A UNIT


IC7 uPC1037GR
IC8 MC3372SVM
IC15 BU4094BCF
IC16 BU4094BCF
IC18 BU4094BCF
IC33 HD6433334YLO2F
IC34 HN58C256FP-20
IC37 S-8054ALB-LM
IC43 TC4W53F
WFM
/WF8
SSB8
AFWF
AFSB
AM8
FM5
AFFM
AGCF
MST2
MST3
MST1
MRXD
MTXD
9.83MHz
4.6Vp-p
AGC-F
ON :5.0V
OFF :0V
SSB,CW 7.85V
WFM 7.82V
FM 7.85V
AM 7.83V
STOP
DISC
BEEP
VSTB
MST1
MST2
MST3
STBA
STBB
STBC
STBF
SMAD
CMAD
MDAD
STOP
LVDA
VSC
LIAD
EVM
Pdat
PDE
PSIB
LCT1
PCX


MAIN-A UNIT
COVER
CHASSIS
EXT SP
AGC OUT
FROM JACK UNIT J4
DC IN
FROM POWER SW
RS-232C
IC20 M5282FP
IC21 uPC1214H
IC27 TC7W04F
IC28 DS14C232TM
IC35 uPD4081BG
IC42 S-8054ALB-LM
IC29 BU4053BCF
IC30 BU4053BCF
IC31a NJM2902V
IC31b NJM2902V
IC31c NJM2902V
IC31d NJM2902V
IC39 CAT5113VI-50-GT3
IC22 PQ30RV31
IC23 TA7808F
IC24 TA7808F NQ
IC26 AN79L08M
IC17 TA7805FNQ
IC38 TA7805F NQ
IC25 AN78L24M
Q46 DTA114EU
Q47 2SC4081
Q48 2SC4081
Q49 2SC4081
Q71 2A1736
Q72 2SR2036
Q73 2SR2036
Q51 2SC2873
Q52 2SC2873
Q53 XP4601
Q50 2SC4081
D66 1SS355
D39 1SS272
D40 1SS272
D43 1SS355
D56 1SR154-400
D57 1SR154-400
L45 7010-2N-1768
OPEN 7.88V CLOSE 0V
BEEP
VOIC
APF ON :0V OFF:7.78V
AF MIN 0.5V
AF MAX 2.1V
P27
R516 3.3k (EUR,FRA ONLY) P34
R517 3.3k(USA, FRA,DEN ONLY) P35
R518 3.3k(USA, EUR,AUS ONLY) P36
W13
TXD
RXD
DTX
DRX
VOIC
J32 DISC AOUT AGC
J18 AOUT
J19 PH EXSP PHG REC RECG
J20 INSP NC SPE
J21 EXSP INSP ESPG
J23
J22 CI-V NC GND
J14 ACHV NC GND
J15 DCIN DOUT GND
J16 HV1 HV2 LHV1 LHV2
J12 GND +5 VOIC
P1 INSP NC SPE
P1 DCIN DOUT GND
J3
F2
SP1
L39 LM-15
L44 SK-17P-070-110
L43 HF50ACC322513-B
L41 HF50ACC2228-B-B
L52 100uH
L38 100uH
RL1
D34 DSRA1
D35 DSRA1
D36 DSRA1
IC41 HF50ACC322513-B
IC31d NJM2902V
Q2L
Q2H
Q1H
Q1L
FL+8
FL-8
+5
+L5
+8
5.0V
7.81V
7.78V
3.83V
6.9V
12.97V
13.5V
6.83V
1.2V
1.8V
2.97V
1.39V
4.94V
4.8V
7.37V
2.37V
-4.72V
5.23V
-9.96V
9.98V
3.12V
6.22V
3.63V
3.83V
7.9V
13.7V
12.25V
-13.42V
-8.1V
36.5V
23.8V
11.39V
7.84V
13.51V
12.43V (AC ADAPTOR USED)
16.3V (AC ADAPTOR USED)
-7.76V
4.94V
1.39V
7.78V
13.8


MIX-A UNIT
FROM MAINA
MMZ1608Y102BT
52610-1071
IC3 NJM2902V
Q1 DTC144EU
Q2 XP1213
Q3 XN1114
IC2 UPC2710TB
D5 1SV237
D6 1SV237
V2Lo (256/768MHz)
FROM PLLB
J2 TMP-J01X-V6
J4 TBP-P01X-A1
P2 TMP-K01X-A1
V2IF (10.7MHz)
TO MAIN-A
IC5 5MXE14
P1 TMP-K01X-A1
V1IF
TO RF-D
J3 TBP-P01X-A1
D1 1SV237
D2 1SV271
D3 MA862
D4 MA77
MBF-778A
MBF-778
(778.7MHz)
(266.7MHz)
BPF2
BPF1
MP5 1.5SB
Q4 2SC4835
Q5 2SC4835
L14 #302HBP
L15 #252HBP

Feb. 2009

SERVICE MANUAL ADDENDUM

IC-R8500

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PARTS LIST 1
BOARD LAYOUTS 20
VOLTAGE DIAGRAM 22

SECTION 6 PARTS LIST

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
ME1	5510000440	MTR	ME-36 (KL-218U-49) RX1768		
S1	2260001260	SW	SW-118 (SDDFA3)		
W8	8900006680	CBL	OPC-643 (N:14 L:80)		
W9	8900006690	CBL	OPC-644 (N:9 L:80)		
W10	8900006700	CBL	OPC-645 (N:6 L:60)		
W11	8900006700	CBL	OPC-645 (N:6 L:60)		
EP1	6450001230	E.OTH	HLJ0999-01-480		
EP2	6910013810	E.OTH	RMS20-100-201-1C		

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1140006021	S.IC	HD6433833A74HV (RX-1768)		
IC2	1130007960	S.IC	SED1522F0C (QFP15-100PIN		
IC3	1130011130	S.IC	BU4030BF-E2		
IC4	1110005711	S.IC	S-80842CLUA-B63-T2G		
IC5	1180001111	S.IC	PQ20VZ51J00H S		
IC6	1140009211	S.IC	CAT24C01BW-TE13		
Q1	1530002280	S.TR	2SC4081 T106 S		
Q2	1590000720	S.TR	DTA144EUA T106		
Q3	1590000430	S.TR	DTC144EUA T106		
Q4	1590000720	S.TR	DTA144EUA T106		
Q5	1590000430	S.TR	DTC144EUA T106		
Q6	1590000680	S.TR	DTC114EUA T106		
Q7	1590000430	S.TR	DTC144EUA T106		
D1	1750000550	S.DIO	1SS355 TE-17		
D2	1750000550	S.DIO	1SS355 TE-17		
X1	6050009661	S.XTL	MA-406 (9.8304 MHz-F)		
R1	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R2	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R3	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R4	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R5	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R6	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R7	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R8	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R10	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R11	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R12	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R13	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R14	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R15	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R17	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R18	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R19	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R20	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R21	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R22	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)		
R23	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R24	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R25	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)		
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R27	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R29	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R30	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R31	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R32	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R33	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R34	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R35	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)		
R36	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R37	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R38	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)		
R39	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)		
R40	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)		
R41	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R42	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R43	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R44	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R45	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R46	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R47	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R49	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)		
R50	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)		
R51	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R52	7030003320	S.RES	ERJ3GEYJ 101 V (100)		
R53	7030003320	S.RES	ERJ3GEYJ 101 V (100)		
R54	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R55	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R56	7030006060	S.RES	ERJ12YJ100U (10)		
R57	7030006060	S.RES	ERJ12YJ100U (10)		
C1	4030007020	S.CER	C1608 CH 1H 120J-T		
C2	4030007020	S.CER	C1608 CH 1H 120J-T		
C3	4030006900	S.CER	C1608 JB 1H 103K-T		
C4	4030006900	S.CER	C1608 JB 1H 103K-T		
C5	4510009280	S.ELE	EEE1EA4R7SR		
C7	4030006900	S.CER	C1608 JB 1H 103K-T		
C9	4510008540	S.ELE	EEE1CA100SR		
C10	4030006860	S.CER	C1608 JB 1H 102K-T		
C11	4030006860	S.CER	C1608 JB 1H 102K-T		
C12	4030009000	S.CER	C2012 JB 1C 224K-T		
C13	4030006900	S.CER	C1608 JB 1H 103K-T		
C14	4030006900	S.CER	C1608 JB 1H 103K-T		
C15	4030006880	S.CER	C1608 JB 1H 472K-T		
C16	4030006880	S.CER	C1608 JB 1H 472K-T		
C17	4030006880	S.CER	C1608 JB 1H 472K-T		
C18	4030006880	S.CER	C1608 JB 1H 472K-T		
C19	4030006880	S.CER	C1608 JB 1H 472K-T		
C20	4030006900	S.CER	C1608 JB 1H 103K-T		
C21	4030006900	S.CER	C1608 JB 1H 103K-T		
C22	4030006900	S.CER	C1608 JB 1H 103K-T		
C23	4030011600	S.CER	C1608 JB 1E 104K-T		
RL1	6330001420	S.RLY	ATQ203SAZ		
J2	6510019281	S.CNR	52610-0971 (0990)		
J3	6510019291	S.CNR	52610-1471 (1490)		
J4	6510019361	S.CNR	52610-0671 (0690)		
J5	6510019361	S.CNR	52610-0671 (0690)		
J6	6510019371	S.CNR	B3B-ZR-SM4-TF (LF) (SN)		
J8	6510003401	CNR	B04B-EH-S (LF) (SN)		
DS1	5030001360	LCD	DLC-7982YBGT		
DS2	5080000370	LMP	HRS-4160A		
DS3	5080000370	LMP	HRS-4160A		
DS4	5080000370	LMP	HRS-4160A		
DS5	5080000370	LMP	HRS-4160A		
S1	2230000970	SW	ESB-64620		
W1	7120000470	JMP	ERDS2T0 [FRA], [DEN], [CHN] only		
W2	7120000470	JMP	ERDS2T0 [FRA], [DEN], [CHN] only		
EP2	8930041151	LCT	SRCN-1768-SP-N-W-1 (SHJ) [OTH] only		

[SW-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
J1	6510019621	CNR	52030-0929 (0910)		

[SW-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
J1	6510019631	CNR	52030-1429 (1410)		

[VR-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7210002860	VAR	RV-306 (RK0972210) 10KB/10KB		
J1	6510019361	S.CNR	52610-0671 (0690)		

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

[VR-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7210002870	VAR	RV-307 (RK0972210) 10KB		
J1	6510019361	S.CNR	52610-0671 (0690)		

[JACK UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7030000300	S.RES	MCR10EZHJ 220 (221)		
R2	7030000300	S.RES	MCR10EZHJ 220 (221)		
R3	7030000300	S.RES	MCR10EZHJ 220 (221)		
R4	7030000300	S.RES	MCR10EZHJ 220 (221)		
C1	4030006900	S.CER	C1608 JB 1H 103K-T		
C2	4030006900	S.CER	C1608 JB 1H 103K-T		
C3	4030006900	S.CER	C1608 JB 1H 103K-T		
C4	4030006900	S.CER	C1608 JB 1H 103K-T		
C5	4030006900	S.CER	C1608 JB 1H 103K-T		
J1	6450001440	CNR	HSJ1403-01-010		
J2	6450001440	CNR	HSJ1403-01-010		
J3	6450001250	CNR	HLJ4306-01-3070		

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1130007700	S.IC	BU4094BCF-E2	T	70/53.8
IC2	1130007700	S.IC	BU4094BCF-E2	T	85.6/53.8
IC3	1140007881	S.IC	TC190G08EFG0046JDZ	T	74.1/89.9
IC4	1130003831	S.IC	TC7S04F (TE85R,F)	T	90.2/98.6
IC5	1140006720	S.IC	LMX2316TMX/NOPB	T	133.6/98.5
IC6	1110003310	S.IC	uPC1688G-T1	T	218.9/89.2
IC7	1130003831	S.IC	TC7S04F (TE85R,F)	T	57.8/91.5
IC8	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	99.5/32.6
IC9	1110004080	S.IC	uPC2709T-E3	T	213.9/81.4
IC10	1140006720	S.IC	LMX2316TMX/NOPB	T	126/27.5
IC11	1120002820	S.IC	SN74LS90NSR	T	74.4/32.2
IC12	1110003310	S.IC	uPC1688G-T1	T	142.1/30.2
IC13	1140004550	S.IC	SC-1287A(TC190G02EFG-0058)	T	21.5/81
IC15	1140004550	S.IC	SC-1287A(TC190G02EFG-0058)	T	27.4/48.3
IC16	1180001071	S.IC	TA7805F (TE16L,Q)	T	218.7/10.5
IC17	1180001521	S.IC	MC7808CD2TR4G	T	221.5/29.5
IC18	1130003831	S.IC	TC7S04F (TE85R,F)	T	38.9/51.2
IC19	1130003831	S.IC	TC7S04F (TE85R,F)	T	24/69.4
IC20	1140003831	S.IC	TC4W66F (TE12L,F)	T	133.3/75.6
IC21	1130003831	S.IC	TC7S04F (TE85R,F)	T	55.6/37.4
IC22	1110004460	S.IC	uPB1509GV-E1	T	232.2/66.8
IC23	1110004460	S.IC	uPB1509GV-E1	T	163.7/11
IC24	1180001071	S.IC	TA7805F (TE16L,Q)	T	231.9/19.3
Q2	1560000331	S.FET	2SK210-GR (TE85R,F)	T	112.5/83.6
Q3	1530002060	S.TR	2SC4081 T106 R	T	117/85.1
Q7	1590000430	S.TR	DTC144EUA T106	T	89/62.4
Q8	1590000430	S.TR	DTC144EUA T106	T	75.2/45.2
Q9	1590000720	S.TR	DTA144EUA T106	T	75.2/42.6
Q10	1590001001	S.TR	RN2427 (TE85L,F)	T	168.7/41.2
Q11	1590000680	S.TR	DTC114EUA T106	T	166.8/44
Q12	1590001001	S.TR	RN2427 (TE85L,F)	T	181.2/41.1
Q13	1590000720	S.TR	DTA144EUA T106	T	84.6/46
Q14	1560000401	S.FET	2SK536-TB-E	T	114.6/26.8
Q15	1530002051	S.TR	2SC3661-TB-E	T	107.9/25.1
Q21	1590000430	S.TR	DTC144EUA T106	T	88.2/40.1
Q22	1590000720	S.TR	DTA144EUA T106	T	85.6/39.4
Q24	1590000430	S.TR	DTC144EUA T106	T	87.4/45.2
Q25	1590000720	S.TR	DTA144EUA T106	T	87.2/42.6
Q28	1530002060	S.TR	2SC4081 T106 R	T	18.1/94.1
Q31	1530002060	S.TR	2SC4081 T106 R	T	14.5/44.8
Q32	1510000510	S.TR	2SA1576A T106R	T	133.2/80.5
Q33	1530002060	S.TR	2SC4081 T106 R	T	125.6/81
Q34	1530002051	S.TR	2SC3661-TB-E	T	7/14.4
Q36	1590000680	S.TR	DTC114EUA T106	T	179.2/44.1
Q37	1590000430	S.TR	DTC144EUA T106	T	81.6/46.2
Q38	1510000510	S.TR	2SA1576A T106R	T	130.6/79.6
Q39	1530002060	S.TR	2SC4081 T106 R	T	125.6/78.5
Q40	1590000720	S.TR	DTA144EUA T106	T	140.9/71.1
Q41	1590000680	S.TR	DTC114EUA T106	T	140.9/68.1
Q42	1530002060	S.TR	2SC4081 T106 R	T	133.1/83.5
Q43	1510000510	S.TR	2SA1576A T106R	T	125.9/83.6
Q44	1510000510	S.TR	2SA1576A T106R	T	105.9/98.4
Q45	1530002060	S.TR	2SC4081 T106 R	T	102.1/99.9
Q46	1590000430	S.TR	DTC144EUA T106	T	197.4/44.8
Q47	1590001021	S.TR	RN2424 (TE85R,F)	T	201/43.8
Q48	1530002060	S.TR	2SC4081 T106 R	T	230.8/73.5
Q49	1590000430	S.TR	DTC144EUA T106	T	155.8/35.4
Q50	1590001021	S.TR	RN2424 (TE85R,F)	T	152.8/34.4
Q51	1530002060	S.TR	2SC4081 T106 R	T	170.1/12.7
Q52	1590000430	S.TR	DTC144EUA T106	T	186.2/33.8
Q53	1590000720	S.TR	DTA144EUA T106	T	189.2/33.8
Q54	1590000430	S.TR	DTC144EUA T106	T	186.2/36.4

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
Q55	1590000720	S.TR	DTA144EUA T106	T	189.2/36.4
D1	1790000540	S.VCP	MA338 (TX)	T	102.5/80.3
D2	1790000540	S.VCP	MA338 (TX)	T	104.6/80.3
D4	1750000111	S.DIO	1SS272 (TE85R,F)	T	78.7/41
D5	1750000111	S.DIO	1SS272 (TE85R,F)	T	175.1/42.1
D6	1750000111	S.DIO	1SS272 (TE85R,F)	T	187.4/42.1
D7	1750000211	S.DIO	1SV237 (TE85R,F)	T	219.8/76.4
D8	1750000111	S.DIO	1SS272 (TE85R,F)	T	108.5/21.3
D17	1750000211	S.DIO	1SV237 (TE85R,F)	T	141.3/22.7
D18	1750000211	S.DIO	1SV237 (TE85R,F)	T	134.1/9.3
D19	1750000211	S.DIO	1SV237 (TE85R,F)	T	117.7/10.5
D20	1730002420	S.ZEN	MAZ8160GH (TX)	T	11.1/17.8
D23	1750000111	S.DIO	1SS272 (TE85R,F)	T	165.1/41.2
D25	1750000211	S.DIO	1SV237 (TE85R,F)	T	215.8/75.4
D26	1750000211	S.DIO	1SV237 (TE85R,F)	T	216.1/52.4
D27	1750000550	S.DIO	1SS355 TE-17	T	72.4/23.6
FI1	2020002000	CER	SFSRA6M50CF00-B0		
X1	6050011950	XTL	CR-452. (30.200 MHz)		
L1	6200001831	S.COL	NLV32T-100J	T	61.8/54.8
L2	6200003950	S.COL	HF50ACC 322513-T	T	62/81.3
L4	6200001831	S.COL	NLV32T-100J	T	86.3/99
L5	6200003261	S.COL	NLV32T-101J	T	102.5/84.8
L6	6180003510	COL	SP0406-6R8K-6		
L7	6200003261	S.COL	NLV32T-101J	T	113.7/97.9
L8	6200001831	S.COL	NLV32T-100J	T	117.8/79.5
L10	6200003331	S.COL	NLV32T-1R0J	T	116.7/90.9
L11	6200003331	S.COL	NLV32T-1R0J	T	117.5/94.5
L12	6200003261	S.COL	NLV32T-101J	T	128.8/89
L13	6200003261	S.COL	NLV32T-101J	T	138.6/91.8
L14	6200003331	S.COL	NLV32T-1R0J	T	204.1/48.9
L17	6200003261	S.COL	NLV32T-101J	T	6.6/11.3
L18	6200003331	S.COL	NLV32T-1R0J	T	77.8/48.5
L19	6200001831	S.COL	NLV32T-100J	T	61.1/92.3
L20	6200005501	S.COL	NLV32T-471J	T	172/41.6
L21	6200005501	S.COL	NLV32T-471J	T	184.3/41.6
L22	6200003331	S.COL	NLV32T-1R0J	T	131.6/17.4
L23	6200003331	S.COL	NLV32T-1R0J	T	198.6/52.6
L24	6200003331	S.COL	NLV32T-1R0J	T	204.1/51.9
L25	6200003021	S.COL	NLV32T-R33J	T	217.2/80.9
L26	6200005341	S.COL	LL1608-FSL8N2J	T	212.2/69.3
L27	6200012040	S.COL	LL1608-FSL5N6S	T	212.2/66.6
L28	6200012040	S.COL	LL1608-FSL5N6S	T	212.2/63.9
L29	6200005301	S.COL	LL1608-FSL3N9S	T	214.8/61.2
L30	6200005311	S.COL	LL1608-FSL4N7S	T	214.8/58.5
L31	6200012040	S.COL	LL1608-FSL5N6S	T	214.8/55.8
L32	6200003261	S.COL	NLV32T-101J	T	115.5/32.9
L33	6200003261	S.COL	NLV32T-101J	T	134.5/27.3
L37	6200001831	S.COL	NLV32T-100J	T	68.4/31.6
L40	6200003331	S.COL	NLV32T-1R0J	T	138.4/28.6
L41	6200003331	S.COL	NLV32T-1R0J	T	114/13.6
L42	6200005401	S.COL	LL1608-FSL27NJ	T	126/11
L43	6200005411	S.COL	LL1608-FSL33NJ	T	124.1/11.5
L44	6200005411	S.COL	LL1608-FSL33NJ	T	121.4/12.4
L45	6200003331	S.COL	NLV32T-1R0J	T	114.2/6.3
L46	6200005351	S.COL	LL1608-FSL10NJ	T	123.1/7.1
L47	6200005361	S.COL	LL1608-FSL12NJ	T	120.4/7.1
L48	6200001831	S.COL	NLV32T-100J	T	69.3/24.6
L49	6200001831	S.COL	ELJPA 100KF 10U	T	12.8/70.8
L50	6200003331	S.COL	NLV32T-1R0J	T	12/94.2
L51	6200003151	S.COL	NLV32T-180J	T	29.9/95.2
L52	6200003151	S.COL	NLV32T-180J	T	23.8/95.8
L60	6200003261	S.COL	NLV32T-101J	T	38.9/47.4
L61	6200001831	S.COL	ELJPA 100KF 10U	T	37.6/39.1
L62	6200001711	S.COL	NLV32T-220J	T	14.4/38.7
L63	6200005501	S.COL	NLV32T-471J	T	11.8/56.6
L64	6200005501	S.COL	NLV32T-471J	T	12.7/50.5
L66	6200003261	S.COL	NLV32T-101J	T	75.2/22.5
L70	6200003331	S.COL	NLV32T-1R0J	T	150.2/40.8
L72	6200003331	S.COL	NLV32T-1R0J	T	81.8/32.2
L73	6200005361	S.COL	LL1608-FSL12NJ	T	215.4/94.1
L74	6200005351	S.COL	LL1608-FSL10NJ	T	216/96.7
L75	6200005361	S.COL	LL1608-FSL12NJ	T	218.7/96.7
L77	6200005361	S.COL	LL1608-FSL12NJ	T	124.9/7.2
L78	6200003331	S.COL	NLV32T-1R0J	T	14.6/90.7
L79	6200003151	S.COL	NLV32T-180J	T	17.9/41.3
L80	6200003151	S.COL	NLV32T-180J	T	38.2/96.5
L81	6200003141	S.COL	NLV32T-150J	T	34.7/96.1
L82	6200003261	S.COL	NLV32T-101J	T	20.8/69.3
L83	6200003031	S.COL	NLV32T-R47J	T	136.9/62.4
L84	6200003031	S.COL	NLV32T-R47J	T	131.5/62.4
L85	6200005491	S.COL	NLV32T-331J	T	18.8/63.5
L86	6200005501	S.COL	NLV32T-471J	T	15.3/64.1
L87	6200003251	S.COL	NLV32T-R39J	T	76.7/19.2
L88	6200003261	S.COL	NLV32T-101J	T	55/40.8
L89	6200003261	S.COL	NLV32T-101J	T	110.6/99.6
L90	6200003261	S.COL	NLV32T-101J	T	143.9/68
L91	6200003261	S.COL	NLV32T-101J	T	204.1/45.9
L92	6200003261	S.COL	NLV32T-101J	T	198.6/48.3
L93	6200005361	S.COL	LL1608-FSL12NJ	T	219.6/69.3

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L94	6200005351	S.COL	LL1608-FSL10NJ	T	219.6/66.6
L95	6200005341	S.COL	LL1608-FSL8N2J	T	219.6/63.9
L96	6200006040	S.COL	LQP18MN5N6C02D	T	217/61.2
L97	6200005331	S.COL	LL1608-FSL6N8J	T	217/58.5
L98	6200006060	S.COL	LQP18MN8N2C02D	T	217/55.8
L99	6200003431	S.COL	NLV32T-R10J	T	232.7/78.7
L100	6200006160	S.COL	LQP21MN68NG01L	T	231.9/82.3
L101	6200003431	S.COL	NLV32T-R10J	T	232.4/85.6
L102	6200003331	S.COL	NLV32T-1R0J	T	234.4/56.8
L103	6200003261	S.COL	NLV32T-101J	T	227.6/58.1
L104	6200003261	S.COL	NLV32T-101J	T	154.7/15.9
L105	6200003011	S.COL	NLV32T-R27J	T	175.3/10.8
L106	6200003011	S.COL	NLV32T-R27J	T	178.8/11.7
L107	6200003001	S.COL	NLV32T-R22J	T	182.5/11.1
L108	6200003331	S.COL	NLV32T-1R0J	T	153.4/9.1
L109	6200005411	S.COL	LL1608-FSL33NJ	T	128.6/14.2
L110	6200005401	S.COL	LL1608-FSL27NJ	T	125.9/14.2
L111	6200005351	S.COL	LL1608-FSL10NJ	T	130.1/6.5
L112	6200005341	S.COL	LL1608-FSL8N2J	T	128.2/5.8
L113	6200003261	S.COL	NLV32T-101J	T	138.5/87.4
R1	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	66.8/60
R2	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	69.4/60
R3	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	72/60
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	74.6/60
R5	7030003860	S.RES	ERJ3GE JPW V	T	81.6/36.9
R6	7030003860	S.RES	ERJ3GE JPW V	T	132.1/26.5
R7	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/32.1
R8	7030003860	S.RES	ERJ3GE JPW V	T	122.5/29.9
R9	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	87.2/49.3
R10	7030007230	S.RES	ERA3YED 102V (1 k)	T	65.8/69.4
R11	7030007230	S.RES	ERA3YED 102V (1 k)	T	69.7/68.2
R12	7030007230	S.RES	ERA3YED 102V (1 k)	T	69.6/69.5
R13	7030007230	S.RES	ERA3YED 102V (1 k)	T	72.4/68.2
R14	7030007230	S.RES	ERA3YED 102V (1 k)	T	72.4/69.5
R15	7030007230	S.RES	ERA3YED 102V (1 k)	T	75.1/68.2
R16	7030007210	S.RES	ERA3YEB 102V (1 k)	T	75.1/69.5
R17	7030007210	S.RES	ERA3YEB 102V (1 k)	T	77.8/68.2
R18	7030007210	S.RES	ERA3YEB 102V (1 k)	T	77.8/69.5
R19	7030007210	S.RES	ERA3YEB 102V (1 k)	T	80.5/68.2
R20	7030007210	S.RES	ERA3YEB 102V (1 k)	T	80.5/69.5
R21	7030007220	S.RES	ERA3YED 202V (2 k)	T	63.1/69.5
R22	7030007220	S.RES	ERA3YED 202V (2 k)	T	63.9/71.4
R23	7030007220	S.RES	ERA3YED 202V (2 k)	T	67.5/70.7
R24	7030007220	S.RES	ERA3YED 202V (2 k)	T	69.4/71.4
R25	7030007220	S.RES	ERA3YED 202V (2 k)	T	70.7/71.4
R26	7030007220	S.RES	ERA3YED 202V (2 k)	T	72/71.4
R27	7030007220	S.RES	ERA3YED 202V (2 k)	T	73.3/71.4
R28	7030007220	S.RES	ERA3YED 202V (2 k)	T	74.6/71.4
R29	7030007200	S.RES	ERA3YEB 202V (2 k)	T	75.9/71.4
R30	7030007200	S.RES	ERA3YEB 202V (2 k)	T	77.2/71.4
R31	7030007200	S.RES	ERA3YEB 202V (2 k)	T	78.5/71.4
R32	7030007200	S.RES	ERA3YEB 202V (2 k)	T	79.8/71.4
R33	7030007200	S.RES	ERA3YEB 202V (2 k)	T	81.1/71.4
R34	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	84.9/91.5
R35	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	75.1/99.4
R36	7030003860	S.RES	ERJ3GE JPW V	T	129.4/100.6
R37	7030003860	S.RES	ERJ3GE JPW V	T	136.2/94.1
R38	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/92.2
R39	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/93.5
R40	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/94.8
R41	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	90.7/88.6
R42	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	90.4/101
R43	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	103.8/95.8
R44	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	103.8/92.9
R45	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	113.3/86.6
R46	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	112.1/86.5
R47	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	112.1/79
R48	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	115.7/79
R49	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	113.7/88.8
R50	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	115.1/85.2
R51	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	118.9/88.6
R52	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	119.4/84.1
R53	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/33.4
R54	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	119.1/100.4
R55	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/34.7
R57	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	126/89.1
R58	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	130.1/98
R59	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	143.7/70.8
R66	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	212.5/94.8
R67	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	211.8/91.7
R68	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	213.1/91.7
R69	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	214.9/91.9
R70	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	74.3/47.8
R72	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	58.1/89
R77	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	137.4/69.7
R79	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	220.7/80.6
R80	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	219.4/80.6
R81	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	219.8/78.7
R82	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213/77
R83	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	213.1/74.9
R84	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	212.6/50
R85	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	215.3/50.2
R86	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	218.2/50
R87	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	120.6/30.6
R88	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	127.5/32.7

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R91	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	111.1/25.7
R92	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	115.7/23.6
R93	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	111.1/21.8
R94	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)	T	111.1/24.4
R95	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	108/28.7
R96	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	101.4/26.8
R100	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	149.6/44.2
R106	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	96.4/45.4
R116	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	137/21.3
R117	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	138.6/34.4
R118	7030003300	S.RES	ERJ3GEYJ 680 V (68)	T	140.5/33.6
R119	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	142.4/32.8
R120	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	83.6/41.1
R121	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	84.4/43
R122	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	133.7/14.2
R123	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	134.5/12.3
R124	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	135.8/6.3
R125	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	133.2/12.3
R127	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	134.5/6.2
R129	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	115.5/8.9
R130	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	114.7/10.8
R131	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	113.9/8.9
R133	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	60.8/35
R135	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	63.4/35
R139	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	61.6/40.2
R140	7030007220	S.RES	ERA3YED 202V (2 k)	T	35.8/71.4
R141	7030007220	S.RES	ERA3YED 202V (2 k)	T	35.8/72.7
R142	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.2/75.3
R143	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.5/77.9
R144	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.5/80.5
R145	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.1/82.5
R146	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.1/83.8
R147	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/86.4
R148	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/87.7
R149	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/90.3
R150	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.2/71.5
R151	7030007230	S.RES	ERA3YED 102V (1 k)	T	37.9/72.2
R152	7030007230	S.RES	ERA3YED 102V (1 k)	T	39.2/74.1
R153	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.1/76
R154	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.4/79.2
R155	7030007230	S.RES	ERA3YED 102V (1 k)	T	38/82.4
R156	7030007230	S.RES	ERA3YED 102V (1 k)	T	39.3/83.7
R157	7030007210	S.RES	ERA3YEB 102V (1 k)	T	38/85.1
R158	7030007210	S.RES	ERA3YEB 102V (1 k)	T	39.3/86.3
R159	7030007210	S.RES	ERA3YEB 102V (1 k)	T	38/88.4
R160	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.8/90.3
R161	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	18.2/92.2
R162	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	20.3/96.6
R163	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	21/94.6
R164	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	19/96.6
R168	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	11.8/103.8
R176	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	36.5/49.9
R179	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.6/61.4
R180	7030007220	S.RES	ERA3YED 202V (2 k)	T	38.3/61.4
R181	7030007220	S.RES	ERA3YED 202V (2 k)	T	34.4/61.4
R182	7030007220	S.RES	ERA3YED 202V (2 k)	T	33.1/61.4
R183	7030007220	S.RES	ERA3YED 202V (2 k)	T	30.7/63.3
R184	7030007220	S.RES	ERA3YED 202V (2 k)	T	28.8/61.4
R185	7030007220	S.RES	ERA3YED 202V (2 k)	T	27.5/61.4
R186	7030007200	S.RES	ERA3YEB 202V (2 k)	T	24.9/61.4
R187	7030007200	S.RES	ERA3YEB 202V (2 k)	T	23.6/61.4
R188	7030007200	S.RES	ERA3YEB 202V (2 k)	T	21/61.4
R189	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.4/64.6
R190	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.8/63.3
R191	7030007230	S.RES	ERA3YED 102V (1 k)	T	36.7/64.6
R192	7030007230	S.RES	ERA3YED 102V (1 k)	T	34.9/63.3
R193	7030007230	S.RES	ERA3YED 102V (1 k)	T	33.6/64.6
R194	7030007230	S.RES	ERA3YED 102V (1 k)	T	30.7/64.6
R195	7030007230	S.RES	ERA3YED 102V (1 k)	T	28/64.6
R196	7030007210	S.RES	ERA3YEB 102V (1 k)	T	26.7/63.3
R197	7030007210	S.RES	ERA3YEB 102V (1 k)	T	25.1/64.6
R198	7030007210	S.RES	ERA3YEB 102V (1 k)	T	22.8/63.3
R199	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	12.1/47
R200	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.3/45.6
R201	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	16.4/44.9
R202	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	14.1/47.7
R203	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	12/45.7
R204	7030003860	S.RES	ERJ3GE JPW V	T	234.6/62.5
R205	7030003860	S.RES	ERJ3GE JPW V	T	233.3/62.5
R207	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	14.2/31.7
R212	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	82.2/24.7
R213	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	80.4/23.9
R214	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	82.2/23
R215	7030007510	S.RES	ERJ12YJ270U (27)	T	212.3/18.3
R216	7030007510	S.RES	ERJ12YJ270U (27)	T	208.6/18.3
R217	7030007510	S.RES	ERJ12YJ270U (27)	T	204.9/18.3
R222	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	80.9/59.2
R223	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	83.8/59.4
R224	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	79.6/58.1
R225	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	87.4/59.2
R226	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	9.4/13.5
R227	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	5.4/17.4
R228	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	82.2/59.2
R231	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	15.1/42.8
R232	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	16.1/93.5
R237	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	130.7/10.2
R239	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	104.7/86.9

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R240	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	83.7/68.7
R241	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	79.6/34.3
R243	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	211.2/88.9
R244	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	213.1/89.5
R245	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	215.8/89.4
R246	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	139.2/98.5
R247	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	142.3/25.2
R248	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	39.3/88.9
R249	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	21.8/64.6
R250	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	23.1/71.9
R251	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	133.8/86.3
R252	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	135.6/85.6
R253	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	131.2/86.3
R254	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	135.6/84.3
R255	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)	T	131.1/83.6
R256	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	128/84
R257	7510001410	S.TMR	NTCG20 3FH 222JT	T	129.6/83.7
R258	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	125.8/85.6
R259	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	135.2/79.9
R260	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	123.5/79.6
R261	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	138.8/71.4
R262	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	129.4/77.2
R263	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	127/75.2
R266	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	58/37.8
R267	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	101/38
R268	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	107.4/100.5
R269	7030003550	S.RES	ERJ3GEYJ 822 V (8.2 k)	T	105.5/101.2
R270	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	104/100
R271	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	102.4/103.8
R272	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.5/72
R273	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	218.3/72
R274	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.7/52.8
R275	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	219.1/53.5
R276	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	234.6/59.7
R277	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	235.9/62.5
R278	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	234.7/70.5
R279	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	232.7/73
R280	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	234/74.5
R281	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	228/74.2
R282	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	228/75.6
R283	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	227.8/88.4
R284	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	230.8/88.4
R285	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	235.4/87.4
R286	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	155.9/9.2
R287	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	160/9.2
R288	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	167.4/8.7
R289	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	169.1/10.7
R290	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	171.3/10
R291	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	170.9/15.1
R292	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	185.4/15.7
R293	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	185.1/12.7
R294	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	183.4/8.6
R295	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	172.2/15.5
R296	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.7/12.9
R297	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.5/7.5
R298	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	117.5/103
R299	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	127.6/77.2
R300	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	60/41.6
R301	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	127/71.4
R302	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	78.9/103.6
R400	7030003860	S.RES	ERJ3GE JPW V	T	159/7.3
R401	7030003860	S.RES	ERJ3GE JPW V	T	158.7/9.2
C1	4030006880	S.CER	C1608 JB 1H 472K-T	T	64/55.4
C2	4030006880	S.CER	C1608 JB 1H 472K-T	T	65.5/60
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	68.1/60
C4	4030006880	S.CER	C1608 JB 1H 472K-T	T	70.7/60
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.3/60
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	79.6/55.4
C7	4030006860	S.CER	C1608 JB 1H 102K-T	T	128.8/32.7
C8	4030011600	S.CER	C1608 JB 1E 104K-T	T	121.5/27.5
C9	4030011600	S.CER	C1608 JB 1E 104K-T	T	128.8/98
C10	4030006880	S.CER	C1608 JB 1H 472K-T	T	127.5/98
C11	4030008920	S.CER	C1608 JB 1H 473K-T	T	61.8/83.6
C12	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/91.6
C13	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.6/94.9
C14	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.9/79.3
C15	4030008920	S.CER	C1608 JB 1H 473K-T	T	80.1/78.7
C16	4030008920	S.CER	C1608 JB 1H 473K-T	T	82.9/78.7
C17	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/83.8
C18	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/86.6
C19	4030008920	S.CER	C1608 JB 1H 473K-T	T	86.5/89.5
C20	4030008920	S.CER	C1608 JB 1H 473K-T	T	87.5/93.5
C21	4030008920	S.CER	C1608 JB 1H 473K-T	T	85.4/96.8
C22	4030008920	S.CER	C1608 JB 1H 473K-T	T	71.6/101.1
C23	4030008920	S.CER	C1608 JB 1H 473K-T	T	75.1/100.7
C24	4030008920	S.CER	C1608 JB 1H 473K-T	T	79.1/100.2
C25	4030006900	S.CER	C1608 JB 1H 103K-T	T	82.4/71.4
C28	4030006900	S.CER	C1608 JB 1H 103K-T	T	90/90.5
C29	4030010210	S.CER	C3216 JB 1C 105M-T	T	89.8/95.8
C30	4550003220	S.TAN	TEESVA 1E 105M8R	T	102.1/95.9
C31	4550000510	S.TAN	TEESVA 1V 473M8R	T	102.1/90.8
C32	4030009910	S.CER	C1608 CH 1H 040B-T	T	106.3/81.4
C33	4030007090	S.CER	C1608 CH 1H 470J-T	T	110.9/86.5
C34	4030008920	S.CER	C1608 JB 1H 473K-T	T	113.3/79
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	112.8/81.2

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C36	4510008500	S.ELE	EEE1CA101WP	T	109.3/93.5
C37	4030007150	S.CER	C1608 CH 1H 151J-T	T	114.5/79
C38	4030007010	S.CER	C1608 CH 1H 100D-T	T	115.1/82
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/96.7
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.3/86.7
C42	4030007150	S.CER	C1608 CH 1H 151J-T	T	118.9/91.3
C43	4030010040	S.CER	C1608 JB 1H 561K-T	T	120.1/88.6
C44	4030009580	S.CER	C1608 JB 1H 681K-T	T	120.1/91.3
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	115.5/103.5
C46	4030007090	S.CER	C1608 CH 1H 470J-T	T	119.1/101.7
C48	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/98
C50	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/90.4
C51	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/103.7
C52	4030006900	S.CER	C1608 JB 1H 103K-T	T	133.3/103.1
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.7/100.5
C57	4550003220	S.TAN	TEESVA 1E 105M8R	T	136.9/79.7
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.6/79.9
C60	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.2/94.8
C61	4030007010	S.CER	C1608 CH 1H 100D-T	T	215.8/88.1
C62	4030006860	S.CER	C1608 JB 1H 102K-T	T	218.1/92.9
C63	4030006860	S.CER	C1608 JB 1H 102K-T	T	216.2/91.9
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/11.8
C70	4030006860	S.CER	C1608 JB 1H 102K-T	T	25.4/18.8
C71	4030006860	S.CER	C1608 JB 1H 102K-T	T	75.6/47.8
C72	4030006880	S.CER	C1608 JB 1H 472K-T	T	58.7/97.4
C73	4030010210	S.CER	C3216 JB 1C 105M-T	T	58.5/95.7
C74	4030006860	S.CER	C1608 JB 1H 102K-T	T	175.9/45.5
C75	4510008500	S.ELE	EEE1CA101WP	T	171.7/48.3
C76	4030006860	S.CER	C1608 JB 1H 102K-T	T	188.4/45.5
C77	4510008500	S.ELE	EEE1CA101WP	T	184.2/48.3
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.1/20.4
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	211.8/74.9
C80	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.6/81.3
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	214/79.1
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.8/82.7
C83	4030006860	S.CER	C1608 JB 1H 102K-T	T	216/77.6
C84	4030009910	S.CER	C1608 CH 1H 040B-T	T	214.8/72
C85	4030009520	S.CER	C1608 CH 1H 020B-T	T	214.8/69.3
C86	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	214.8/66.6
C88	4030006990	S.CER	C1608 CH 1H 080D-T	T	213.5/69.3
C89	4030007030	S.CER	C1608 CH 1H 150J-T	T	213.5/66.6
C90	4030007090	S.CER	C1608 CH 1H 470J-T	T	213.5/63.9
C91	4030009520	S.CER	C1608 CH 1H 020B-T	T	212.2/61.2
C92	4030009520	S.CER	C1608 CH 1H 020B-T	T	213.5/61.2
C93	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/58.5
C94	4030009510	S.CER	C1608 CH 1H 010B-T	T	213.5/58.5
C95	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/55.8
C97	4030006860	S.CER	C1608 JB 1H 102K-T	T	115.9/30.7
C98	4030006860	S.CER	C1608 JB 1H 102K-T	T	130.8/26.5
C100	4030006860	S.CER	C1608 JB 1H 102K-T	T	125.4/23.1
C101	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.2/23.2
C102	4030006880	S.CER	C1608 JB 1H 472K-T	T	111.1/27
C103	4550000550	S.TAN	TEESVA 1V 224M8R	T	111.9/30.4
C104	4550000550	S.TAN	TEESVA 1V 224M8R	T	109.7/30.4
C105	4550000510	S.TAN	TEESVA 1V 473M8R	T	106.2/29.1
C106	4550000510	S.TAN	TEESVA 1V 473M8R	T	113.9/22.4
C107	4510008690	S.ELE	EEE1EA330SP	T	96.7/25.1
C108	4510008500	S.ELE	EEE1CA101WP	T	155.4/41.4
C117	4030008920	S.CER	C1608 JB 1H 473K-T	T	68.2/29
C118	4030006860	S.CER	C1608 JB 1H 102K-T	T	79.6/27.8
C119	4030007170	S.CER	C1608 CH 1H 221J-T	T	79.6/30.6
C121	4030007170	S.CER	C1608 CH 1H 221J-T	T	81.6/34.8
C122	4030006860	S.CER	C1608 JB 1H 102K-T	T	96/35.4
C123	4510008690	S.ELE	EEE1EA330SP	T	94.5/40.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/27.8
C132	4030007050	S.CER	C1608 CH 1H 220J-T	T	139.1/32.1
C133	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/26.5
C134	4030006860	S.CER	C1608 JB 1H 102K-T	T	135.8/12.3
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	131.8/13.4
C137	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.2/6.2
C139	4030007000	S.CER	C1608 CH 1H 090D-T	T	125.7/12.9
C140	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	124.1/10.2
C141	4030007010	S.CER	C1608 CH 1H 100D-T	T	123.5/13.3
C142	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	121.4/11.1
C143	4030006990	S.CER	C1608 CH 1H 080D-T	T	121.4/13.7
C145	4030006970	S.CER	C1608 CH 1H 060D-T	T	124.9/5.4
C146	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	123.1/8.4
C147	4030006980	S.CER	C1608 CH 1H 070D-T	T	122/5.8
C148	4030009570	S.CER	C1608 CH 1H 0R3B-T	T	120.4/8.4
C149	4030009530	S.CER	C1608 CH 1H 030B-T	T	118.9/5.6
C151	4030006860	S.CER	C1608 JB 1H 102K-T	T	112/10.8
C153	4030006880	S.CER	C1608 JB 1H 472K-T	T	29.4/18.6
C154	4030006880	S.CER	C1608 JB 1H 472K-T	T	69.1/20.7
C155	4030007010	S.CER	C1608 CH 1H 100D-T	T	62.1/35
C156	4030006860	S.CER	C1608 JB 1H 102K-T	T	59.4/39.4
C158	4030011600	S.CER	C1608 JB 1E 104K-T	T	20.4/73.2
C159	4510008540	S.ELE	EEE1CA100SR	T	16.7/70.6
C160	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/75.3
C161	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.7/72.6
C162	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/82
C163	4030011600	S.CER	C1608 JB 1E 104K-T	T	20.1/89.8
C164	4030011600	S.CER	C1608 JB 1E 104K-T	T	24.8/89.8
C165	4030007170	S.CER	C1608 CH 1H 221J-T	T	14/88.5
C166	4030007100	S.CER	C1608 CH 1H 560J-T	T	14.2/93.6
C167	4030007020	S.CER	C1608 CH 1H 120J-T	T	31.7/97.4
C168	4030009350	S.CER	C1608 CH 1H 3R5B-T	T	29.1/97.4
C169	4030007050	S.CER	C1608 CH 1H 220J-T	T	27.3/95.4

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C170	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	26/95.4
C171	4030007020	S.CER	C1608 CH 1H 120J-T	T	21.6/96.6
C172	4030011600	S.CER	C1608 JB 1E 104K-T	T	16.4/96.2
C173	4030006900	S.CER	C1608 JB 1H 103K-T	T	21/93.3
C175	4030006880	S.CER	C1608 JB 1H 472K-T	T	17.7/96.6
C177	4030006900	S.CER	C1608 JB 1H 103K-T	T	13.1/103.8
C191	4030006880	S.CER	C1608 JB 1H 472K-T	T	43.8/52.4
C192	4030010210	S.CER	C3216 JB 1C 105M-T	T	38/54
C194	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.5/47.1
C195	4510008540	S.ELE	EEE1CA100SR	T	37.9/43
C196	4030011600	S.CER	C1608 JB 1E 104K-T	T	33.1/39.7
C197	4030011600	S.CER	C1608 JB 1E 104K-T	T	35.9/52.1
C198	4030011600	S.CER	C1608 JB 1E 104K-T	T	26.4/39.7
C199	4030011600	S.CER	C1608 JB 1E 104K-T	T	18.6/46.9
C200	4030011600	S.CER	C1608 JB 1E 104K-T	T	18.6/51.6
C201	4030009880	S.CER	C1608 JB 1H 682K-T	T	20.1/40.7
C202	4030009980	S.CER	C1608 JB 1H 152K-T	T	15/40.9
C203	4030010760	S.CER	C1608 CH 1H 331J-T	T	12.6/61.4
C204	4030007110	S.CER	C1608 CH 1H 680J-T	T	14/56.6
C205	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.2/54
C206	4030007060	S.CER	C1608 CH 1H 270J-T	T	13.2/52.7
C207	4030010760	S.CER	C1608 CH 1H 331J-T	T	12.1/48.3
C208	4030011600	S.CER	C1608 JB 1E 104K-T	T	12/44.4
C209	4030011600	S.CER	C1608 JB 1E 104K-T	T	15.4/47.7
C210	4030006860	S.CER	C1608 JB 1H 102K-T	T	227.7/67.4
C211	4030006880	S.CER	C1608 JB 1H 472K-T	T	12.4/43.1
C212	4030006900	S.CER	C1608 JB 1H 103K-T	T	15/33.6
C213	4030006900	S.CER	C1608 JB 1H 103K-T	T	12.2/34.2
C214	4030006860	S.CER	C1608 JB 1H 102K-T	T	228.5/65.5
C215	4030006860	S.CER	C1608 JB 1H 102K-T	T	234/64.4
C216	4030006860	S.CER	C1608 JB 1H 102K-T	T	235.9/65.6
C217	4030006900	S.CER	C1608 JB 1H 103K-T	T	72.4/20.6
C218	4030006900	S.CER	C1608 JB 1H 103K-T	T	78.5/23.1
C219	4030008920	S.CER	C1608 JB 1H 473K-T	T	211.5/13.3
C220	4510008540	S.ELE	EEE1CA100SR	T	202.9/13
C221	4510008540	S.ELE	EEE1CA100SR	T	209.5/7.8
C222	4030008920	S.CER	C1608 JB 1H 473K-T	T	214.3/6.6
C223	4030006860	S.CER	C1608 JB 1H 102K-T	T	214.3/5.4
C227	4030008920	S.CER	C1608 JB 1H 473K-T	T	215.2/33.8
C228	4510008540	S.ELE	EEE1CA100SR	T	207.2/32.9
C229	4510008540	S.ELE	EEE1CA100SR	T	207.2/26.7
C230	4030008920	S.CER	C1608 JB 1H 473K-T	T	215.2/25.1
C231	4030006860	S.CER	C1608 JB 1H 102K-T	T	215.2/23.7
C232	4030006880	S.CER	C1608 JB 1H 472K-T	T	10/11.6
C233	4030018980	S.CER	C1608 JB 1H 104K-T	T	11.1/15.8
C234	4510008690	S.ELE	EEE1EA330SP	T	8.3/22.5
C235	4030018980	S.CER	C1608 JB 1H 104K-T	T	9.2/27.1
C236	4510008690	S.ELE	EEE1EA330SP	T	15/26.9
C237	4030006860	S.CER	C1608 JB 1H 102K-T	T	83.9/29.2
C239	4030009570	S.CER	C1608 CH 1H 0R3B-T	T	213.5/55.8
C240	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	211.8/53.6
C242	4030007050	S.CER	C1608 CH 1H 220J-T	T	75.7/77.4
C243	4030007050	S.CER	C1608 CH 1H 220J-T	T	79.9/76.1
C244	4030008920	S.CER	C1608 JB 1H 473K-T	T	80.2/103.6
C246	4550006050	S.TAN	TEESVA 0J 106M8R	T	62.6/77.2
C247	4030006860	S.CER	C1608 JB 1H 102K-T	T	83.5/101.2
C248	4030006860	S.CER	C1608 JB 1H 102K-T	T	86.2/101.2
C249	4030006860	S.CER	C1608 JB 1H 102K-T	T	90.2/94.1
C250	4030011600	S.CER	C1608 JB 1E 104K-T	T	115.7/29.4
C251	4030011600	S.CER	C1608 JB 1E 104K-T	T	120.2/28.7
C252	4030011600	S.CER	C1608 JB 1E 104K-T	T	129.5/26.5
C253	4030011600	S.CER	C1608 JB 1E 104K-T	T	130.2/103.7
C254	4030010210	S.CER	C3216 JB 1C 105M-T	T	132.7/88.7
C255	4030011600	S.CER	C1608 JB 1E 104K-T	T	126/90.4
C256	4550006050	S.TAN	TEESVA 0J 106M8R	T	228.6/61.8
C257	4550006050	S.TAN	TEESVA 0J 106M8R	T	158.4/14.9
C258	4030007170	S.CER	C1608 CH 1H 221J-T	T	82/26.1
C263	4030009920	S.CER	C1608 CH 1H 050B-T	T	213.3/96.7
C264	4030009530	S.CER	C1608 CH 1H 030B-T	T	215.4/95.4
C265	4030009920	S.CER	C1608 CH 1H 050B-T	T	218.1/94.2
C266	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	218.7/95.5
C267	4030009910	S.CER	C1608 CH 1H 040B-T	T	220.6/94.8
C269	4030007160	S.CER	C1608 CH 1H 181J-T	T	14.2/96.3
C270	4030008770	S.CER	C1608 JB 1H 562K-T	T	12.3/40.9
C271	4550003220	S.TAN	TEESVA 1E 105M8R	T	17/33
C281	4030007050	S.CER	C1608 CH 1H 220J-T	T	60.7/84.9
C282	4030007050	S.CER	C1608 CH 1H 220J-T	T	64.6/91.6
C283	4030007050	S.CER	C1608 CH 1H 220J-T	T	63.6/96.2
C284	4030007050	S.CER	C1608 CH 1H 220J-T	T	65.1/78
C285	4030007050	S.CER	C1608 CH 1H 220J-T	T	80.1/77.4
C286	4030007050	S.CER	C1608 CH 1H 220J-T	T	82.9/77.4
C287	4030007050	S.CER	C1608 CH 1H 220J-T	T	84.4/82.5
C288	4030007050	S.CER	C1608 CH 1H 220J-T	T	84.4/85.3
C289	4030007050	S.CER	C1608 CH 1H 220J-T	T	86.5/88.2
C290	4030007050	S.CER	C1608 CH 1H 220J-T	T	86.2/93.5
C291	4030007050	S.CER	C1608 CH 1H 220J-T	T	86/95.5
C292	4030007050	S.CER	C1608 CH 1H 220J-T	T	71.6/102.4
C293	4030007050	S.CER	C1608 CH 1H 220J-T	T	75.1/102
C294	4030007050	S.CER	C1608 CH 1H 220J-T	T	79.1/101.5
C296	4030007050	S.CER	C1608 CH 1H 220J-T	T	81.5/103.6
C297	4030007050	S.CER	C1608 CH 1H 220J-T	T	83.5/102.5
C298	4030007050	S.CER	C1608 CH 1H 220J-T	T	86.2/102.5
C299	4030007050	S.CER	C1608 CH 1H 220J-T	T	87.8/91.6
C300	4030007050	S.CER	C1608 CH 1H 220J-T	T	219.1/91.6
C301	4030006860	S.CER	C1608 JB 1H 102K-T	T	58.1/94
C302	4030007050	S.CER	C1608 CH 1H 220J-T	T	20.4/71.9
C303	4030007050	S.CER	C1608 CH 1H 220J-T	T	12.9/74

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C304	4030007050	S.CER	C1608 CH 1H 220J-T	T	27/72.6
C305	4030007050	S.CER	C1608 CH 1H 220J-T	T	12.9/83.3
C306	4030007050	S.CER	C1608 CH 1H 220J-T	T	21.4/89.8
C307	4030007050	S.CER	C1608 CH 1H 220J-T	T	26.1/90.2
C308	4030007050	S.CER	C1608 CH 1H 220J-T	T	23.1/73.2
C309	4030007010	S.CER	C1608 CH 1H 100D-T	T	32.2/71.8
C310	4030007010	S.CER	C1608 CH 1H 100D-T	T	35.9/74
C311	4030007010	S.CER	C1608 CH 1H 100D-T	T	36.2/76.6
C312	4030007010	S.CER	C1608 CH 1H 100D-T	T	36.5/79.2
C313	4030007010	S.CER	C1608 CH 1H 100D-T	T	32.2/78.7
C314	4030007010	S.CER	C1608 CH 1H 100D-T	T	32.2/81.4
C315	4030007010	S.CER	C1608 CH 1H 100D-T	T	36.1/85.1
C316	4030007010	S.CER	C1608 CH 1H 100D-T	T	32.2/85.2
C317	4030007010	S.CER	C1608 CH 1H 100D-T	T	36.1/89
C318	4030007010	S.CER	C1608 CH 1H 100D-T	T	32.2/89.2
C319	4030006860	S.CER	C1608 JB 1H 102K-T	T	39.1/55.7
C320	4030007050	S.CER	C1608 CH 1H 220J-T	T	10.5/103.8
C321	4030007050	S.CER	C1608 CH 1H 220J-T	T	35.2/47.1
C322	4030007050	S.CER	C1608 CH 1H 220J-T	T	34.4/39.7
C323	4030007050	S.CER	C1608 CH 1H 220J-T	T	33.9/54.3
C324	4030007050	S.CER	C1608 CH 1H 220J-T	T	25.1/39.7
C325	4030007050	S.CER	C1608 CH 1H 220J-T	T	18.6/48.2
C326	4030007050	S.CER	C1608 CH 1H 220J-T	T	18.6/52.9
C327	4030007050	S.CER	C1608 CH 1H 220J-T	T	35.2/49.9
C328	4030007050	S.CER	C1608 CH 1H 220J-T	T	36.3/55.7
C329	4030007050	S.CER	C1608 CH 1H 220J-T	T	37/61.4
C330	4030007050	S.CER	C1608 CH 1H 220J-T	T	35.7/61.4
C331	4030007050	S.CER	C1608 CH 1H 220J-T	T	31.8/61.4
C332	4030007050	S.CER	C1608 CH 1H 220J-T	T	30.5/61.4
C333	4030007050	S.CER	C1608 CH 1H 220J-T	T	26.5/56.7
C334	4030007050	S.CER	C1608 CH 1H 220J-T	T	26.2/61.4
C335	4030007050	S.CER	C1608 CH 1H 220J-T	T	23.4/58.1
C336	4030007050	S.CER	C1608 CH 1H 220J-T	T	22.3/61.4
C337	4030007050	S.CER	C1608 CH 1H 220J-T	T	21.8/56.8
C338	4030007050	S.CER	C1608 CH 1H 220J-T	T	13.5/33.6
C339	4030007050	S.CER	C1608 CH 1H 220J-T	T	11.8/76.6
C340	4030007050	S.CER	C1608 CH 1H 220J-T	T	11.2/78.5
C341	4030007050	S.CER	C1608 CH 1H 220J-T	T	11.8/80.4
C342	4030007050	S.CER	C1608 CH 1H 220J-T	T	24/91.8
C343	4030006860	S.CER	C1608 JB 1H 102K-T	T	8.1/92.6
C344	4030007020	S.CER	C1608 CH 1H 120J-T	T	37.4/94.3
C345	4030007130	S.CER	C1608 CH 1H 101J-T	T	32.5/95.2
C346	4030009990	S.CER	C1608 CH 1H 200J-T	T	31.7/93
C347	4030006880	S.CER	C1608 JB 1H 472K-T	T	26.4/69.2
C348	4030010210	S.CER	C3216 JB 1C 105M-T	T	30/70.7
C349	4030006860	S.CER	C1608 JB 1H 102K-T	T	28.3/71
C350	4030007050	S.CER	C1608 CH 1H 220J-T	T	16.6/51.2
C351	4030006860	S.CER	C1608 JB 1H 102K-T	T	7.9/47.8
C352	4510008510	S.ELE	EEE1CA471P	T	29.5/10.2
C353	4550006050	S.TAN	TEESVA 0J 106M8R	T	137.5/97.4
C354	4550006050	S.TAN	TEESVA 0J 106M8R	T	131.2/30.1
C355	4030007070	S.CER	C1608 CH 1H 330J-T	T	132.5/86.3
C356	4550000550	S.TAN	TEESVA 1V 224M8R	T	125.3/70.6
C358	4030006860	S.CER	C1608 JB 1H 102K-T	T	128/63.1
C359	4030007090	S.CER	C1608 CH 1H 470J-T	T	128/61.8
C360	4030011280	S.CER	C1608 CH 1H 271J-T	T	18.9/60.6
C361	4030009580	S.CER	C1608 JB 1H 681K-T	T	16.6/61.4
C362	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.7/60.6
C363	4030007140	S.CER	C1608 CH 1H 121J-T	T	78.5/21.9
C364	4030007140	S.CER	C1608 CH 1H 121J-T	T	80.6/17.8
C365	4030010210	S.CER	C3216 JB 1C 105M-T	T	167.5/13.7
C366	4030007050	S.CER	C1608 CH 1H 220J-T	T	232/59.7
C367	4030010210	S.CER	C3216 JB 1C 105M-T	T	229.2/70.9
C368	4030006880	S.CER	C1608 JB 1H 472K-T	T	58.8/35.8
C369	4030010210	S.CER	C3216 JB 1C 105M-T	T	52.8/36.9
C370	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.4/40.8
C371	4530000410	S.ARY	EZANCE 471M 470P	T	22.2/24.6
C372	4530000410	S.ARY	EZANCE 471M 470P	T	21.6/16.3
C373	4530000400	S.ARY	EZANCE 220M 22P	T	21.6/8
C374	4030011600	S.CER	C1608 JB 1E 104K-T	T	108.2/98.4
C375	4030009530	S.CER	C1608 CH 1H 030B-T	T	214.8/63.9
C376	4030006860	S.CER	C1608 JB 1H 102K-T	T	212.2/72
C377	4030006860	S.CER	C1608 JB 1H 102K-T	T	211.8/52.3
C378	4030006980	S.CER	C1608 CH 1H 070D-T	T	217/72
C379	4030006990	S.CER	C1608 CH 1H 080D-T	T	218.3/69.3
C380	4030009530	S.CER	C1608 CH 1H 030B-T	T	217/69.3
C381	4030007000	S.CER	C1608 CH 1H 090D-T	T	218.3/66.6
C382	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	217/66.6
C383	4030007100	S.CER	C1608 CH 1H 560J-T	T	218.3/63.9
C384	4030009350	S.CER	C1608 CH 1H 3R5B-T	T	217/63.9
C385	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	219.6/61.2
C386	4030009520	S.CER	C1608 CH 1H 020B-T	T	218.3/61.2
C387	4030006970	S.CER	C1608 CH 1H 060D-T	T	219.6/58.5
C388	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	218.3/58.5
C389	4030006970	S.CER	C1608 CH 1H 060D-T	T	220.2/56.6
C390	4030009570	S.CER	C1608 CH 1H 0R3B-T	T	218.3/55.8
C391	4030009350	S.CER	C1608 CH 1H 3R5B-T	T	220.2/55
C392	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.6/72
C393	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.1/52.2
C394	4030008750	S.CER	C1608 CH 1H 360J-T	T	229.2/84
C395	4030007020	S.CER	C1608 CH 1H 120J-T	T	230/86.2
C396	4030007070	S.CER	C1608 CH 1H 330J-T	T	227.8/82.7
C397	4030007090	S.CER	C1608 CH 1H 470J-T	T	227.8/85.4
C398	4030007080	S.CER	C1608 CH 1H 390J-T	T	227.8/87
C399	4030006860	S.CER	C1608 JB 1H 102K-T	T	235.9/59.7
C400	4030006860	S.CER	C1608 JB 1H 102K-T	T	233.3/59.7
C401	4030006860	S.CER	C1608 JB 1H 102K-T	T	232/62.5

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C402	4030006860	S.CER	C1608 JB 1H 102K-T	T	233.5/69.2
C403	4030006860	S.CER	C1608 JB 1H 102K-T	T	228.4/68.7
C404	4030006860	S.CER	C1608 JB 1H 102K-T	T	228/72.6
C405	4030006860	S.CER	C1608 JB 1H 102K-T	T	235.3/72.4
C406	4030006860	S.CER	C1608 JB 1H 102K-T	T	230.2/76.4
C407	4030006860	S.CER	C1608 JB 1H 102K-T	T	157.2/9.2
C408	4030006860	S.CER	C1608 JB 1H 102K-T	T	160/11.6
C409	4030006860	S.CER	C1608 JB 1H 102K-T	T	160.7/14.2
C410	4030006860	S.CER	C1608 JB 1H 102K-T	T	165.7/16.9
C411	4030006860	S.CER	C1608 JB 1H 102K-T	T	169.4/15.1
C412	4030006860	S.CER	C1608 JB 1H 102K-T	T	168.7/8.7
C413	4030006900	S.CER	C1608 JB 1H 103K-T	T	173/13.3
C414	4030006990	S.CER	C1608 CH 1H 080D-T	T	176/13.1
C415	4030007110	S.CER	C1608 CH 1H 680J-T	T	175.2/15.7
C416	4030007140	S.CER	C1608 CH 1H 121J-T	T	179.5/15.7
C417	4030007030	S.CER	C1608 CH 1H 150J-T	T	181/14.2
C418	4030007130	S.CER	C1608 CH 1H 101J-T	T	182.4/15.7
C419	4030006860	S.CER	C1608 JB 1H 102K-T	T	156.2/7.3
C420	4030006860	S.CER	C1608 JB 1H 102K-T	T	130.2/12.2
C421	4030007000	S.CER	C1608 CH 1H 090D-T	T	128.9/12.2
C422	4030007110	S.CER	C1608 CH 1H 680J-T	T	127.6/12.2
C423	4030007030	S.CER	C1608 CH 1H 150J-T	T	128.1/10.2
C424	4030006860	S.CER	C1608 JB 1H 102K-T	T	118.7/14.2
C425	4030006860	S.CER	C1608 JB 1H 102K-T	T	130.8/8.4
C426	4030009530	S.CER	C1608 CH 1H 030B-T	T	128.2/8.4
C427	4030007060	S.CER	C1608 CH 1H 270J-T	T	128.2/7.1
C428	4030009920	S.CER	C1608 CH 1H 050B-T	T	126.3/7.2
C429	4030006860	S.CER	C1608 JB 1H 102K-T	T	117.2/7.5
C430	4030008920	S.CER	C1608 JB 1H 473K-T	T	225.1/20.3
C431	4510008540	S.ELE	EEE1CA100SR	T	201.1/7.7
C432	4030008920	S.CER	C1608 JB 1H 473K-T	T	224.3/17.5
C433	4030006860	S.CER	C1608 JB 1H 102K-T	T	224.3/16.1
C434	4030006860	S.CER	C1608 JB 1H 102K-T	T	135.6/83
C435	4030007050	S.CER	C1608 CH 1H 220J-T	T	65.1/76.7
C436	4030007050	S.CER	C1608 CH 1H 220J-T	T	68.1/76.9
C437	4030007050	S.CER	C1608 CH 1H 220J-T	T	68.5/75.6
C438	4030007050	S.CER	C1608 CH 1H 220J-T	T	71.2/75.3
C439	4030007050	S.CER	C1608 CH 1H 220J-T	T	72/78.2
C440	4030007050	S.CER	C1608 CH 1H 220J-T	T	72.5/76.6
C441	4030007050	S.CER	C1608 CH 1H 220J-T	T	75.2/78.7
C442	4030007050	S.CER	C1608 CH 1H 220J-T	T	76.2/76.1
C443	4030007050	S.CER	C1608 CH 1H 220J-T	T	76.2/74.8
C444	4030007050	S.CER	C1608 CH 1H 220J-T	T	79.3/74.8
C445	4550006050	S.TAN	TEESVA 0J 106M8R	T	58.7/81
C446	4030011600	S.CER	C1608 JB 1E 104K-T	T	160.7/12.9
C447	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.5/50.3
C448	4030006860	S.CER	C1608 JB 1H 102K-T	T	107.4/101.7
C449	4030006860	S.CER	C1608 JB 1H 102K-T	T	102.7/102
C450	4030006860	S.CER	C1608 JB 1H 102K-T	T	105/95.8
C451	4030007170	S.CER	C1608 CH 1H 221J-T	T	105/83.3
C452	4030006860	S.CER	C1608 JB 1H 102K-T	T	166.1/8.7
C453	4030006860	S.CER	C1608 JB 1H 102K-T	T	161.3/9.2
C454	4030007050	S.CER	C1608 CH 1H 220J-T	T	58.1/87.7
C455	4550000510	S.TAN	TEESVA 1V 473M8R	T	131.6/70.8
C456	4030006900	S.CER	C1608 JB 1H 103K-T	T	128.3/71.4
C457	4030007090	S.CER	C1608 CH 1H 470J-T	T	207.9/50.3
C458	4030007090	S.CER	C1608 CH 1H 470J-T	T	200.8/41.4
C459	4030007090	S.CER	C1608 CH 1H 470J-T	T	201.3/52.6
C460	4030007090	S.CER	C1608 CH 1H 470J-T	T	207.9/47.5
C461	4030007090	S.CER	C1608 CH 1H 470J-T	T	207.9/53.1
C462	4030007090	S.CER	C1608 CH 1H 470J-T	T	199.3/50.5
C463	4030007090	S.CER	C1608 CH 1H 470J-T	T	149.6/47
C464	4030006860	S.CER	C1608 JB 1H 102K-T	T	161.8/7.3
C465	4030006860	S.CER	C1608 JB 1H 102K-T	T	164.2/14.9
CP1	6910009670	S.CHK	HK3-S-T	T	104.1/89.9
CP3	6910009670	S.CHK	HK3-S-T	T	106.9/32.6
J7	6510018450	CNR	TMP-S01X-B1		
W21	8900004510	CBL	OPC-452 A		

[VCO-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
Q1	1560001311	S.FET	MMBFU310LT1G	T	35.3/37.4
Q2	1530003450	S.TR	2SC4835G R (TX)	T	41.2/28.6
Q3	1560001311	S.FET	MMBFU310LT1G	T	37.3/11.2
Q4	1530003450	S.TR	2SC4835G R (TX)	T	41/12.7
D1	1720000261	S.VCP	1SV214 (TPH2,F)	T	6.4/34.2
D2	1720000261	S.VCP	1SV214 (TPH2,F)	T	8.2/34.2
D3	1720000261	S.VCP	1SV214 (TPH2,F)	T	6.6/27.2
D4	1720000261	S.VCP	1SV214 (TPH2,F)	T	8.4/27.2
D5	1750000531	S.DIO	1SV271 (TPH3,F)	T	48.8/25.8
D6	1720000261	S.VCP	1SV214 (TPH2,F)	T	6.6/15.6
D7	1720000261	S.VCP	1SV214 (TPH2,F)	T	8.4/15.6
D8	1790000540	S.VCP	MA338 (TX)	T	4.1/8.7
D9	1790000540	S.VCP	MA338 (TX)	T	7.1/8.7
D10	1750000531	S.DIO	1SV271 (TPH3,F)	T	48.8/20.6
L1	6200003001	S.COL	NLV32T-R22J	T	4/31.7
L3	6200003331	S.COL	NLV32T-1R0J	T	38.3/40.9
L4	6200003251	S.COL	NLV32T-R39J	T	36.8/28.4
L5	6200003331	S.COL	NLV32T-1R0J	T	48/30.2
L6	6200003331	S.COL	NLV32T-1R0J	T	42.6/21.8
L7	6200003001	S.COL	NLV32T-R22J	T	4.1/13.2
L9	6200003331	S.COL	NLV32T-1R0J	T	38.2/5.6
L10	6200003251	S.COL	NLV32T-R39J	T	38/17.8
L11	6200003331	S.COL	NLV32T-1R0J	T	47.6/16.8
L12	6200008080	S.COL	LQW2BHNR22J03L	T	32.1/37.4
L13	6200002400	S.COL	LQW31HNR10J03L	T	33.5/11
R2	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	44.2/36.6
R3	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	36.8/32
R4	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	44/31.6
R5	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	39.9/30.9
R6	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	39.2/28.6
R7	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	41/26.4
R8	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	39/21.8
R10	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	43.6/9
R11	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	37.8/15
R12	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	44.6/13.6
R13	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	41.5/15.8
R14	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	40.2/15.8
R15	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	44.1/15.8
R16	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	4.7/16.5
R17	7030003860	S.RES	ERJ3GE JPW V	T	4.7/28.3
C1	4030011340	S.CER	C1608 CH 1H 471J-T	T	2.9/27.8
C2	4030011340	S.CER	C1608 CH 1H 471J-T	T	2.9/17.1
C4	4030006850	S.CER	C1608 JB 1H 471K-T	T	34/41.4
C5	4030006850	S.CER	C1608 JB 1H 471K-T	T	34/40
C6	4030009530	S.CER	C1608 CH 1H 030B-T	T	35.5/34.7
C7	4030009530	S.CER	C1608 CH 1H 030B-T	T	34/33.5
C8	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	38/32
C9	4510008500	S.ELE	EEE1CA101WP	T	46.4/41.2
C10	4030006850	S.CER	C1608 JB 1H 471K-T	T	40.6/33
C11	4030006850	S.CER	C1608 JB 1H 471K-T	T	43.1/27.2
C12	4030006970	S.CER	C1608 CH 1H 060D-T	T	44.3/27.2
C13	4030006850	S.CER	C1608 JB 1H 471K-T	T	35.6/7
C14	4030006850	S.CER	C1608 JB 1H 471K-T	T	35.6/8.2
C15	4030009530	S.CER	C1608 CH 1H 030B-T	T	35.2/13.8
C16	4030009530	S.CER	C1608 CH 1H 030B-T	T	34.4/15.8
C17	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	38.2/13.6
C18	4510008500	S.ELE	EEE1CA101WP	T	46/4.4
C19	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.8/15.8
C20	4030006970	S.CER	C1608 CH 1H 060D-T	T	45.4/16.8
C24	4030007050	S.CER	C1608 CH 1H 220J-T	T	2.9/18.4
C25	4030007050	S.CER	C1608 CH 1H 220J-T	T	47.6/34.4
C26	4030006860	S.CER	C1608 JB 1H 102K-T	T	47.6/33
C27	4030007050	S.CER	C1608 CH 1H 220J-T	T	47.8/13.6
C28	4030006860	S.CER	C1608 JB 1H 102K-T	T	47.8/12.2
C29	4030007050	S.CER	C1608 CH 1H 220J-T	T	42/32.4
C30	4030018630	S.CER	C2012 CH 1H 472J-T	T	2.8/25.8
C31	4030018630	S.CER	C2012 CH 1H 472J-T	T	2.8/20.4
J1	6510004960	CNR	3022-02B		
J3	6910008021	CNR	IPS-1323-PT		
J4	6510004960	CNR	3022-02B		
J5	6910008021	CNR	IPS-1323-PT		

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

S.=Surface mount

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC2	1110006750	S.IC	TK14570LTL-G	T	177.6/72.7
IC3	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	173.8/64.9
IC4	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	161.2/72
IC5	1110006880	S.IC	uPC3217GV-E1	T	222.3/47.1
IC6	1110006730	S.IC	NJM2594V-TE1-#ZZZB	T	170.9/38.7
IC7	1110006730	S.IC	NJM2594V-TE1-#ZZZB	T	92.9/70
IC8	1110003491	S.IC	TA31136FNG (D,EL)	T	110/80.4
IC9	1110000960	S.IC	NJM4558M-TE1-#FMZB	B	124.1/99.5
IC10	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	42.5/87.2
IC11	1130011170	S.IC	BU4001BF-E2	B	52.2/92.9
IC12	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	62/91.1
IC13	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	152.4/73.5
IC15	1130007700	S.IC	BU4094BCF-E2	T	165.1/9.2
IC16	1130007700	S.IC	BU4094BCF-E2	T	155.6/9.2
IC17	1180001071	S.IC	TA7805F (TE16L,Q)	T	13.8/3.6
IC18	1130007700	S.IC	BU4094BCF-E2	T	174.7/9.2
IC19	1130007690	S.IC	BU4066BCF-E2	B	73/79.1
IC20	1110006300	S.IC	NJM2172V-TE1-#ZZZB	T	36.1/66.3
IC21	1110002550	IC	TA7252AP		
IC22	1180001531	IC	PQ30RV31J00H		
IC23	1110002031	IC	TA7808S (Q)		
IC24	1180001251	S.IC	TA7808F (TE16L,Q)	T	62.6/34
IC25	1180001510	S.IC	AN78L24M-(E1)	B	76.2/42.3
IC26	1180001500	S.IC	AN79L08M-(E1)	B	92.2/23.6
IC27	1130005721	S.IC	TC7W04F (TE12L,F)	T	247.9/72.3
IC28	1120002510	S.IC	DS14C232TM S	B	240.6/80
IC29	1130007680	S.IC	BU4053BCF-E2	B	61.9/70.4
IC30	1130007680	S.IC	BU4053BCF-E2	B	75/69.4
IC31	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	63.7/60.5
IC32	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	80.4/67.2
IC33	1140012701	S.IC	HD64F3334YF16V (RX1768D)	T	246.6/57.5
IC34	1140005612	S.IC	HN58C256AFP10E	B	245.5/66
IC35	1130011180	S.IC	BU4081BF-E2	B	253.2/79.7
IC37	1110005711	S.IC	S-80842CLUA-B63-T2G	T	255.4/14.8
IC38	1180001071	S.IC	TA7805F (TE16L,Q)	T	235.8/14
IC39	1130013390	S.IC	CAT5113VI-50-GT3	B	72.4/57.4
IC40	1130005591	S.IC	TC74HC86AF (F)	B	88.1/95.4
IC41	1130005121	S.IC	TC74HC74AF (EL,F)	B	77.1/95.4
IC42	1110005711	S.IC	S-80842CLUA-B63-T2G	B	40.1/55.5
IC43	1130005641	S.IC	TC4W53F (TE12L,F)	B	167/70
Q1	1530002280	S.TR	2SC4081 T106 S	T	184.8/99.8
Q2	1580000540	S.FET	3SK131-T2-LA	B	207.5/85.6
Q3	1590001330	S.TR	DTA114EUA T106	T	183.7/78.4
Q4	1580000540	S.FET	3SK131-T2-LA	B	205.7/71.9
Q5	1530002981	S.TR	2SC3650-TD-E	T	166.2/90.8
Q6	1530002280	S.TR	2SC4081 T106 S	B	173.2/62.1
Q7	1590001770	S.TR	XP1213 (TX)	T	158.3/79.2
Q8	1590002010	S.TR	XP1114 (TX)	T	183.2/32.9
Q9	1560000561	S.FET	2SK882-GR (TE85L,F)	B	213/56.8
Q10	1590001650	S.TR	XP4601 (TX)	T	211.2/39.2
Q11	1560000561	S.FET	2SK882-GR (TE85L,F)	B	220.2/38.9
Q12	1530002280	S.TR	2SC4081 T106 S	T	215.4/43.4
Q13	1590001960	S.TR	XP4311 (TX)	T	211.1/44.8
Q14	1530002280	S.TR	2SC4081 T106 S	B	205.5/53.4
Q15	1580000540	S.FET	3SK131-T2-LA	B	199.1/56.3
Q16	1580000540	S.FET	3SK131-T2-LA	B	114.3/63.7
Q17	1580000540	S.FET	3SK131-T2-LA	B	102.7/63.2
Q18	1530002280	S.TR	2SC4081 T106 S	T	99.2/73.9
Q20	1590000430	S.TR	DTC144EUA T106	T	124.1/100.9
Q21	1510000771	S.TR	2SA1586-GR (TE85L,F)	T	120.1/100.9
Q23	1510000771	S.TR	2SA1586-GR (TE85L,F)	B	108/98.3
Q25	1590001330	S.TR	DTA114EUA T106	T	118.8/95.7
Q26	1590001770	S.TR	XP1213 (TX)	T	122/95.7
Q27	1530002280	S.TR	2SC4081 T106 S	B	101/85.6
Q28	1590001451	S.FET	2SJ144-GR (TE85R,F)	B	65/98.5
Q29	1590001770	S.TR	XP1213 (TX)	T	124.9/92.4
Q30	1590000430	S.TR	DTC144EUA T106	T	53.5/84.2
Q31	1590000430	S.TR	DTC144EUA T106	B	155.7/72.1
Q32	1590001330	S.TR	DTA114EUA T106	T	169/20.2
Q33	1590001770	S.TR	XP1213 (TX)	T	168.9/16.6
Q34	1590001770	S.TR	XP1213 (TX)	T	166.3/16.2
Q35	1590001001	S.TR	RN2427 (TE85L,F)	T	145.6/6
Q36	1590000430	S.TR	DTC144EUA T106	T	150.1/10.4
Q37	1590001770	S.TR	XP1213 (TX)	T	177.4/16.7
Q39	1590001001	S.TR	RN2427 (TE85L,F)	T	182/23.2
Q40	1590001770	S.TR	XP1213 (TX)	T	180/16.7
Q41	1590002010	S.TR	XP1114 (TX)	T	177.4/20.8
Q42	1590001770	S.TR	XP1213 (TX)	T	174.1/16.7
Q43	1590002010	S.TR	XP1114 (TX)	T	174.3/20.8
Q44	1590001770	S.TR	XP1213 (TX)	T	171.5/16.7
Q45	1590002010	S.TR	XP1114 (TX)	T	171.5/20.2
Q46	1590001330	S.TR	DTA114EUA T106	T	67.1/79.1
Q47	1530002280	S.TR	2SC4081 T106 S	T	61/74.4
Q48	1530002280	S.TR	2SC4081 T106 S	B	44.2/70.4
Q49	1530002280	S.TR	2SC4081 T106 S	T	35.6/83.3
Q50	1530002280	S.TR	2SC4081 T106 S	B	37.8/4.2
Q51	1530002801	S.TR	2SC2873-Y (TE12R,CF)	T	62.8/26
Q52	1530002801	S.TR	2SC2873-Y (TE12R,CF)	T	62.8/20.8
Q53	1590001650	S.TR	XP4601 (TX)	T	242/72.3
Q54	1590001770	S.TR	XP1213 (TX)	T	61.5/66.5
Q55	1590001330	S.TR	DTA114EUA T106	T	138.7/16.1
Q56	1590001330	S.TR	DTA114EUA T106	T	180.1/20.6
Q57	1530002280	S.TR	2SC4081 T106 S	T	243.8/19.6
Q58	1590001960	S.TR	XP4311 (TX)	T	201.4/42.6
Q59	1590000430	S.TR	DTC144EUA T106	B	128.7/95.4

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
Q60	1590000430	S.TR	DTC144EUA T106	T	122/98.3
Q61	1590000430	S.TR	DTC144EUA T106	B	169.2/78.3
Q62	1530002280	S.TR	2SC4081 T106 S	T	51.5/72
Q63	1590000430	S.TR	DTC144EUA T106	T	69/75.1
Q64	1530002280	S.TR	2SC4081 T106 S	B	104.9/72.3
Q65	1560000561	S.FET	2SK882-GR (TE85L,F)	B	101.1/95.2
Q66	1530002280	S.TR	2SC4081 T106 S	B	85/84.8
Q67	1530002280	S.TR	2SC4081 T106 S	B	76.2/88.3
Q68	1590000430	S.TR	DTC144EUA T106	B	79.6/88.3
Q69	1590001960	S.TR	XP4311 (TX)	T	85.5/93.5
Q70	1590000430	S.TR	DTC144EUA T106	T	150.8/65.5
Q71	1510000701	S.TR	2SA1736 (TE12R,F)	B	17/79
Q72	1560000831	S.FET	2SK2036 (TE85L,F)	B	18.5/73.6
Q73	1560000831	S.FET	2SK2036 (TE85L,F)	B	33.1/56.9
Q74	1590000430	S.TR	DTC144EUA T106	B	135.5/97.1
Q75	1590000430	S.TR	DTC144EUA T106	B	138.6/86.9
Q491	1560000831	S.FET	2SK2036 (TE85L,F)	T	254/75.2
D1	1790000450	S.DIO	MA862 (TX)	B	184.3/91.3
D2	1790000450	S.DIO	MA862 (TX)	B	217.2/78.8
D3	1790000450	S.DIO	MA862 (TX)	B	217.2/75
D4	1750000550	S.DIO	1SS355 TE-17	T	256.4/39.3
D5	1750000111	S.DIO	1SS272 (TE85R,F)	T	183.3/36.4
D6	1790000450	S.DIO	MA862 (TX)	B	186.4/36.6
D7	1790000450	S.DIO	MA862 (TX)	B	177.4/36.7
D8	1790000450	S.DIO	MA862 (TX)	B	186.4/40.8
D9	1790000450	S.DIO	MA862 (TX)	B	177.4/40.8
D10	1790001211	S.DIO	1SS375-TL-E	B	219.5/46.1
D11	1790000450	S.DIO	MA862 (TX)	B	143.8/53.3
D12	1790000450	S.DIO	MA862 (TX)	B	115.9/56.4
D13	1790000450	S.DIO	MA862 (TX)	B	139.9/77.7
D14	1790000450	S.DIO	MA862 (TX)	B	119.3/76.6
D15	1790001211	S.DIO	1SS375-TL-E	T	93.4/77.7
D16	1790001211	S.DIO	1SS375-TL-E	B	134/94.5
D17	1750000550	S.DIO	1SS355 TE-17	T	125.1/98.3
D18	1750000520	S.DIO	DAN222TL	T	127.8/100.9
D19	1750000111	S.DIO	1SS272 (TE85R,F)	T	119.9/91.1
D20	1790001211	S.DIO	1SS375-TL-E	B	100.9/77.7
D21	1750000520	S.DIO	DAN222TL	T	124.9/94.8
D23	1750000550	S.DIO	1SS355 TE-17	T	153/87.5
D24	1750000520	S.DIO	DAN222TL	T	258.4/39
D25	1750000111	S.DIO	1SS272 (TE85R,F)	T	57.3/86.9
D26	1750000520	S.DIO	DAN222TL	T	74.6/85.3
D27	1750000550	S.DIO	1SS355 TE-17	T	63.9/85.9
D28	1750000520	S.DIO	DAN222TL	T	150.8/68.1
D29	1750000550	S.DIO	1SS355 TE-17	T	253.8/39.3
D31	1750000520	S.DIO	DAN222TL	T	71.4/79.1
D32	1750000520	S.DIO	DAN222TL	T	73.1/80.7
D33	1750000550	S.DIO	1SS355 TE-17	T	69.4/78.2
D34	1790000700	DIO	DSA3A1		
D35	1790000700	DIO	DSA3A1		
D38	1750000550	S.DIO	1SS355 TE-17	T	43.5/3.1
D39	1750000111	S.DIO	1SS272 (TE85R,F)	T	79.4/30.7
D40	1750000111	S.DIO	1SS272 (TE85R,F)	T	82.9/31
D41	1750000111	S.DIO	1SS272 (TE85R,F)	T	87/29.2
D42	1750000111	S.DIO	1SS272 (TE85R,F)	T	87.2/32.7
D43	1750000550	S.DIO	1SS355 TE-17	T	239.4/70
D44	1750000111	S.DIO	1SS272 (TE85R,F)	T	141.9/19
D45	1750000550	S.DIO	1SS355 TE-17	T	10.6/22.7
D46	1750000550	S.DIO	1SS355 TE-17	T	256.6/21.8
D47	1750000111	S.DIO	1SS272 (TE85R,F)	B	248/41.2
D48	1750000520	S.DIO	DAN222TL	T	248.7/42.3
D54	1730000431	S.ZEN	RD10M-T2B-A B2	T	160.1/91.8
D55	1750000550	S.DIO	1SS355 TE-17	T	147.9/9.2
D56	1710000840	S.DIO	1SR154-400 TE25	B	26.5/47.2
D57	1710000840	S.DIO	1SR154-400 TE25	B	26.5/44.1
D59	1750000550	S.DIO	1SS355 TE-17	T	77.5/99.5
D60	1750000550	S.DIO	1SS355 TE-17	T	70.4/92.1
D61	1790000450	S.DIO	MA862 (TX)	B	86/64
D62	1750000520	S.DIO	DAN222TL	T	148.7/67.7
D63	1750000520	S.DIO	DAN222TL	T	147.6/24.9
D64	1750000550	S.DIO	1SS355 TE-17	T	252.4/41.1
D65	1750000550	S.DIO	1SS355 TE-17	T	259.6/44.9
D66	1750000550	S.DIO	1SS355 TE-17	T	78.3/38.4
D67	1790001240	S.DIO	MA2S7280G-(TX)	B	213.2/53.5
D68	1790001240	S.DIO	MA2S7280G-(TX)	B	212/53.5
FI1	2020001170	S.CER	SFECA10.7MS2-A-TC (SFECA10.7MS2	T	190.2/70.5
FI2	2020001170	S.CER	SFECA10.7MS2-A-TC (SFECA10.7MS2	T	184.3/66.4
FI3	2010000090	FIL	10M15BA (FL-75)		
FI4	2020000210	CER	CFJ455K5 (FL-65)		
FI5	2020001181	S.CER	SFPKA455KH1A-R1	T	134.5/68.2
FI6	2020001181	S.CER	SFPKA455KH1A-R1	T	124.7/68.2
FI7	2020001051	S.CER	SFPKA455KE4A-R1	T	134.8/79
FI8	2020001051	S.CER	SFPKA455KE4A-R1	T	124.7/79
X1	6070000250	S.DCR	CDSCB10M7GF122-R0	T	171.8/74.6
X2	6070000151	S.DCR	CDBKB455KCAY24-R0	T	108/72
X3	6050009661	S.XTL	MA-406 (9.8304 MHz-F)	T	239/41.1
L1	6200003051	S.COL	NLV32T-R82J	B	190.3/80.3

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L2	6200003381	S.COL #617PT-1837=P3	T	191.1/85.5
L3	6200003381	S.COL #617PT-1837=P3	T	180.6/85.5
L4	6200003261	S.COL NLV32T-101J	T	181.8/93.7
L5	6200003021	S.COL NLV32T-R33J	B	180/98.9
L6	6200000020	S.COL LQH32MN101K23L	T	174.6/91.3
L7	6150004170	COL LS-476		
L8	6150004170	COL LS-476		
L9	6150004200	COL LS-479		
L10	6150004210	COL LS-480		
L13	6200003151	S.COL NLV32T-180J	T	165.2/66.3
L14	6150004200	COL LS-479		
L17	6150004210	COL LS-480		
L18	6150004170	COL LS-476		
L20	6200003261	S.COL NLV32T-101J	T	222.6/34.9
L21	6150004170	COL LS-476		
L22	6150004170	COL LS-476		
L23	6200003261	S.COL NLV32T-101J	T	164.9/39.2
L24	6200005501	S.COL NLV32T-471J	B	114.8/71.5
L25	6150002271	COL LS-451		
L26	6150002291	COL LS-450		
L27	6200003261	S.COL NLV32T-101J	T	116.1/76.3
L28	6200003950	S.COL HF50ACC 322513-T	T	73.8/12.6
L29	6200003261	S.COL NLV32T-101J	T	183.8/16.6
L30	6200003261	S.COL NLV32T-101J	T	44.8/8.3
L31	6200003261	S.COL NLV32T-101J	T	70.8/12.3
L32	6200003261	S.COL NLV32T-101J	T	187.9/16.7
L33	6200003261	S.COL NLV32T-101J	T	191.8/28.5
L34	6200003950	S.COL HF50ACC 322513-T	T	191.8/25.5
L37	6200003950	S.COL HF50ACC 322513-T	T	228.5/6.9
L38	6200003261	S.COL NLV32T-101J	T	28.8/65
L39	6170000140	COL LW-15		
L40	6200003021	S.COL NLV32T-R33J	B	173.6/91.8
L41	6200003950	S.COL HF50ACC 322513-T	T	155.3/91.4
L42	6200003950	S.COL HF50ACC 322513-T	T	22.6/90.4
L43	6200003950	S.COL HF50ACC 322513-T	T	22.6/93.8
L44	6180002690	COL SK-17P-070-110		
L45	6200005160	S.COL 7A06L-101K-A	T	54.5/23.1
L46	6200005170	S.COL 7010-2N-1768	T	74.9/23.1
L47	6200001851	S.COL NLV32T-5R6J	B	224.3/41.5
L48	6200005160	S.COL 7A06L-101K-A	T	52.9/42.3
L49	6200003261	S.COL NLV32T-101J	T	104/95.8
L50	6200003261	S.COL NLV32T-101J	T	100.6/98.3
L51	6200003261	S.COL NLV32T-101J	T	82.1/98.8
L52	6200003261	S.COL NLV32T-101J	T	69.2/49.9
L53	6200000020	S.COL LQH32MN101K23L	T	171.6/91.3
L54	6200002861	S.COL NLV25T-4R7J	T	170.6/78.4
R2	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	191.1/85.9
R3	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	181/85.5
R4	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	186.1/93.6
R5	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	T	185.1/97.9
R6	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	183.2/96.6
R7	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	185.8/101.7
R8	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	204.3/80
R9	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	206/81.9
R10	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	205/85.7
R11	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	206.5/88.6
R12	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	208/82.1
R14	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	211.2/85.1
R15	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	209.9/81.9
R16	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	219.5/85.3
R17	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	221.9/77.7
R18	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	215.9/70.6
R19	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	212.7/72.1
R20	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	208.4/72.1
R21	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	207.1/75.1
R22	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	206.1/68.8
R23	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	201.2/76.4
R24	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	204.5/72
R25	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	205.4/75.1
R26	7030000340	S.RES MCR10EZHJ 470 (471)	T	166/87
R27	7030003860	S.RES ERJ3GE JPW V	B	199.1/71.6
R33	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	189.3/67.6
R34	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	166.1/74.7
R35	7030003560	S.RES ERJ3GEYJ 103 V (10 k) [OTH-02], [EUR-01]	B	170.9/76.4
	7030003860	S.RES ERJ3GE JPW V [CHN]	B	170.9/76.4
R36	7030003640	S.RES ERJ3GEYJ 473 V (47 k) [OTH-02], [EUR-01]	B	168.3/76.4
	7030003660	S.RES ERJ3GEYJ 683 V (68 k) [CHN]	B	168.3/76.4
R37	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	172.4/75.1
R38	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	163.9/85.7
R39	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	163.1/83.8
R40	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	175.3/76.9
R41	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	177.9/75.7
R42	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	T	175.5/60.9
R43	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	173.5/60.2
R44	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	172.1/78.3
R49	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	175.2/62
R50	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	176.6/62
R52	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	171.6/60.3
R55	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	B	157.1/79
R56	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	155.1/83.9
R57	7030000580	S.RES MCR10EZHJ 47 k [OTH-02], [EUR-01]	B	156.7/83.9
	7030003640	S.RES ERJ3GEYJ 473 V (47 k) [CHN]	B	156.7/83.9

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R58	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	161.1/82.3
R59	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	162/77.5
R60	7310004840	S.TRI EVM-3YSX50 B35 (304)	T	162.8/79.1
R61	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	B	160.6/77.5
R62	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	161.2/76.6
R65	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	155.9/74.9
R67	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	227.3/74.3
R68	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	188.8/40.7
R69	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	184.1/35.4
R70	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	181.9/34.6
R71	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	179.7/35.4
R72	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	178.9/33
R73	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	184.1/40.5
R74	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	181.9/41.3
R75	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	179.7/40.5
R76	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	180.5/42.6
R77	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	174.4/39.9
R78	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	181.8/30.9
R79	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	199.6/63
R80	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	192.2/60.1
R81	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	194/59.6
R82	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	212.9/58.8
R83	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	214.5/53.6
R85	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	T	210/37.1
R88	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	222.1/39
R89	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	216.4/38.4
R90	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	215.6/42.5
R91	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	215.3/41.4
R92	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	B	212.1/45
R93	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	208.2/47.7
R94	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	B	215.2/47.1
R95	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	211.1/42.7
R96	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	211.3/51
R97	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	210.1/44.7
R98	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	208.2/45.5
R99	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	207.4/49.2
R101	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	202.3/56.3
R102	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	199/58.7
R103	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	196/56.6
R104	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	200.2/49.1
R106	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	202.6/53.9
R107	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	165.6/37.1
R108	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	140.2/66.8
R110	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	140.6/52.3
R111	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	136.6/52.3
R113	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	117/53.1
R114	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	119.6/51.5
R115	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	141.4/59.9
R116	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	140.6/54.3
R117	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	137.7/54.3
R118	7030003860	S.RES ERJ3GE JPW V	B	118.2/60.3
R119	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	118.2/57.6
R120	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	119/55.4
R121	7030003400	S.RES ERJ3GEYJ 471 V (470) [OTH-02], [EUR-01]	B	138.5/72.3
	7030003860	S.RES ERJ3GE JPW V [CHN]	B	138.5/72.3
R122	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	136.9/76.7
R123	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	134.2/76.7
R124	7030003860	S.RES ERJ3GE JPW V	B	121.6/73.6
R125	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k) [CHN]	B	122.4/75.6
	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k) [OTH-02], [EUR-01]	B	122.4/75.6
R126	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	126.2/75.9
R127	7030003360	S.RES ERJ3GEYJ 221 V (220) [OTH-02], [EUR-01]	B	139.7/81.9
	7030003860	S.RES ERJ3GE JPW V [CHN]	B	139.7/81.9
R128	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	136.9/78.7
R129	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	134.2/78.7
R130	7030003860	S.RES ERJ3GE JPW V	B	121.6/79.6
R131	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k) [CHN]	B	122.4/77.6
	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k) [OTH-02], [EUR-01]	B	122.4/77.6
R132	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	126.2/79.5
R133	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	119/63.4
R134	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	116.6/66.9
R135	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	114.7/60.6
R136	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	114.1/67.4
R137	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	114.3/66.9
R138	7510001390	S.TMR NTCG20 3FH 332JT	T	103.4/65.7
R139	7310004820	S.TRI EVM-3YSX50 B33 (302)	T	103.6/61.2
R140	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	105.8/67.3
R141	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	102.7/59.7
R142	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	101.8/66.1
R143	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	101.8/67.4
R144	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	112.7/74.3
R145	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	115.4/75.6
R146	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	92.5/72.3
R147	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	93.3/74.2
R148	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	92.5/78.9
R149	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	89.7/78.9
R150	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	89.7/76.9
R151	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	86/64
R152	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	101.1/74
R153	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	100/70.7
R154	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	97.3/74
R155	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	91.4/78.8
R156	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	93.5/82.2

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R157	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	93.5/80.9
R158	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	91.5/83
R159	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	88.6/83
R160	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	107.2/80.1
R163	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	114.9/82.2
R164	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	113.4/85.2
R165	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	113.4/87.8
R166	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	110.7/90.8
R167	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	78.2/75.3
R168	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	137.9/96
R169	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	137.9/98.9
R170	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	161.3/71.7
R173	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	160.5/67.5
R174	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	158.6/73.5
R175	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	160.3/66.8
R176	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	126.1/100.9
R178	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	114.9/100.8
R179	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	110.2/100.2
R180	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	110.2/97.3
R181	7030003610	S.RES ERJ3GEYJ 273 V (27 k)	B	111.6/100
R182	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)	B	114.2/93.9
R183	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	116.3/96.3
R184	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	108.3/93.3
R186	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	120.5/93.5
R187	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	101.8/87.7
R188	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	100.9/80.8
R190	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	92.3/52.6
R191	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	B	117.1/102.1
R192	7510001390	S.TMR NTCG20 3FH 332JT	B	114.1/102.4
R193	7030005451	S.RES ERA3YED 153V (15 k)	T	128.7/98.4
R194	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	119/102.2
R195	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	118.7/100.2
R196	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	121.8/95.3
R197	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	118.2/97.9
R199	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	137.6/91.6
R200	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	47.5/86.4
R201	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	47.7/83.2
R202	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	43.1/89.1
R203	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	46.4/84.8
R204	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	41.8/85.4
R205	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	45.2/90.6
R206	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	38.6/90.3
R207	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	41.6/89.9
R208	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	58.5/93.5
R209	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	51.3/87.3
R210	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	51.7/95.7
R211	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	66.4/95.1
R212	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	58.5/92.3
R213	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	64.5/95.9
R214	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	62.8/98.6
R215	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	72.1/85.9
R216	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	61.4/91
R217	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	55.4/89.8
R218	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	58.3/90
R219	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	56.5/91.7
R220	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	57.6/88.7
R221	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	60.7/85.9
R222	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	65.1/89.4
R224	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	56.8/85.7
R225	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	T	56.4/84.5
R226	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	72.1/84.6
R227	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	60.7/85.7
R228	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	59/89.5
R229	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	53.5/87.3
R230	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	131.7/90.5
R231	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	151.9/73.1
R232	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	153.5/68
R233	7310004870	S.TRI EVM-3YSX50 B54 (503)	T	154.8/65
R234	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	154.4/78.2
R235	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	151/76
R236	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	151.8/79.3
R237	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	149.8/68.9
R238	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	155.8/70.2
R240	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	250.9/23.8
R244	7030007510	S.RES ERJ12YJ270U (27)	B	30/3.3
R245	7030007510	S.RES ERJ12YJ270U (27)	B	26.3/3.3
R246	7410001070	S.ARY EXB-V8V 221V (220)	T	166.2/21.9
R247	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	75.7/72.8
R248	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	65.9/78.3
R249	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	64.5/77.5
R250	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	65.3/75.3
R251	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	B	56.4/72.3
R252	7310004290	TRI RH0615CS4J 47K (473)		
R253	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	48/73.3
R254	7310004290	TRI RH0615CS4J 47K (473)		
R255	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	46.4/73.3
R256	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	44.2/72.5
R257	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	43.9/76.4
R258	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	44.2/68.2
R259	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	44.7/63.9
R260	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	43.4/59.7
R261	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	43.5/62.4
R262	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	41.1/67.4
R263	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	45.3/71.7
R264	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	36.8/71.3
R265	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	27.3/59.3
R266	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	48.3/84.2

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R267	7030003570	S.RES ERJ3GEYJ 123 V (12 k)	T	33.4/76.4
R268	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	37.7/81.3
R269	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	37.7/84
R270	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	41.8/77.2
R271	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	35.5/81.2
R272	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	35.5/85.2
R273	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	33.4/85.9
R274	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	23.8/64.1
R275	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	23.8/65.4
R276	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	17.5/73.9
R277	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	18.8/69.8
R278	7030004050	S.RES ERJ3GEYJ 1R0 V (1)	T	30.4/78.5
R279	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	4.9/33.5
R280	7310004780	S.TRI EVM-3YSX50 B13 (102)	T	9/33.5
R281	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	13.1/32.5
R282	7030010540	S.RES ERJ1TYJ 330U (33)	B	12.2/29.9
R283	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.8/1
R284	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.8/2.3
R285	7030010540	S.RES ERJ1TYJ 330U (33)	B	12.2/25.8
R286	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	59.5/23.2
R287	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	59.4/26.7
R288	7030006220	S.RES ERJ12YJ470U (47)	B	74.7/35.6
R289	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	86.8/37.9
R290	7030007510	S.RES ERJ12YJ270U (27)	B	86.6/23.1
R291	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	95.1/30.5
R292	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	251.4/70.9
R293	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	244.4/72.3
R294	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	242.8/74.2
R295	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	239.5/72.3
R296	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	T	238.2/72.3
R297	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	58.2/66.1
R298	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	64.3/69.7
R299	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	66.7/75.8
R300	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	69.3/71.5
R301	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	68.9/59.3
R302	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	65.1/71
R303	7030003570	S.RES ERJ3GEYJ 123 V (12 k)	T	65.1/72.3
R304	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	67.9/55.7
R305	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	T	68.9/57.3
R306	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	64/56.2
R307	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	63.7/63.9
R308	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	62.7/56.2
R309	7030003670	S.RES ERJ3GEYJ 823 V (82 k)	B	69.1/68.6
R310	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	70.5/65.8
R311	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	58.2/61
R312	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	61.4/56.2
R315	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)	T	112.4/73.4
R316	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	112.1/85.2
R317	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	106/84.5
R318	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	107.8/83.7
R319	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	123.7/95.3
R320	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	125.1/95.3
R322	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	128.7/99.1
R323	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	86.1/58.7
R324	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	95.5/84.1
R325	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	40.4/6.9
R326	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	46.2/56.4
R329	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	127.6/93.3
R330	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/54.1
R331	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/52.8
R332	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/51.5
R333	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	258.8/19.2
R334	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	258.8/15.8
R335	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	247.6/20.8
R336	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	251.9/21.6
R337	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	253.8/20.8
R338	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	250/20.8
R339	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	252.8/38.3
R340	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	252.3/33.5
R341	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	252.3/36.9
R342	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	258.3/68.5
R343	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	259.1/70.5
R344	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/33
R345	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.6/25.1
R346	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.6/23.8
R347	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	258.6/61.4
R348	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/30.4
R349	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	247.7/46.1
R350	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	249.3/40.6
R351	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	236.2/51.1
R352	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	T	253.8/71.7
R353	7030003860	S.RES ERJ3GE JPW V	B	257/62.4
R354	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	254.4/26.5
R355	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	254.4/27.8
R356	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/29.1
R357	7030010610	S.RES ERJ1TYJ 470U (47)	T	233.5/5.1
R358	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	253.8/72.9
R359	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	250/4.9
R361	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	153.6/84.5
R362	7510001380	S.TMR NTCG20 3JH 472JT	T	153.8/82.9
R364	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	124.4/93.3
R365	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	71.8/62.5
R366	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	66.1/58.8
R367	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	105/66.3
R368	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	97.2/62.1
R370	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	82.3/61.4
R371	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	183.3/37.5

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R372	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	209.3/43.2
R373	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	196.3/81.8
R374	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	221.9/76.1
R375	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	184.5/30.9
R376	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	170.4/34.7
R377	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	68.9/58
R378	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	61.8/60.5
R379	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	49.1/72.2
R380	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	51.5/70
R381	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	51.5/73.9
R382	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	48.3/70
R383	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)	T	89.4/81
R384	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	222.2/52.4
R385	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	191.1/88
R386	7030003270	S.RES ERJ3GEYJ 390 V (39)	B	189/88.8
R387	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	191.1/89.6
R388	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	201.7/84.9
R389	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	129.7/70.3
R390	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	89/56.2
R391	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	91.1/57
R392	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	119.7/98.3
R393	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	122.1/100.9
R394	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	125/96.5
R395	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	58.2/67.9
R396	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.7/72.8
R397	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.7/71.4
R398	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	75.5/71
R399	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	110.3/100
R400	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	112.9/100
R401	7030003670	S.RES ERJ3GEYJ 823 V (82 k)	B	114.9/99.2
R402	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	39/6.9
R403	7030003440	S.RES ERJ3GEYJ 102 V (1 k) [CHN]	B	173.5/76.4
	7030003560	S.RES ERJ3GEYJ 103 V (10 k) [OTH-02], [EUR-01]	B	173.5/76.4
R404	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	107.9/88.4
R406	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	144/91.7
R407	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	47.2/69.6
R408	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	63.7/63.3
R409	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	58.8/54.3
R410	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	74.3/50.1
R411	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	39.9/84.6
R412	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.9/84.9
R413	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	B	107/90.8
R414	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	81.8/72.7
R415	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	79/72.5
R416	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	78.1/62.4
R417	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	106.9/72.2
R418	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	106.9/69.3
R419	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	109.7/74.3
R420	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	106.9/74.3
R421	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	108.9/70.1
R423	7030003860	S.RES ERJ3GE JPW V	B	33.7/66.8
R424	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	78.5/61.1
R425	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	30.6/66.8
R426	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	100/100.5
R427	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	100/97.8
R428	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	101.1/93.3
R429	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	89.2/86.8
R430	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	87.1/84.7
R431	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	87.1/81.8
R432	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	86.5/86.8
R433	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	89.2/82.6
R435	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	93.3/98.6
R436	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	92.5/100.6
R437	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	94.6/94.6
R438	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	93.3/94.6
R439	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	81.1/101.5
R440	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	82.7/94.5
R441	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	82.9/98.6
R442	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	71.9/98.8
R443	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	71.9/95.5
R444	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	70.3/92.4
R445	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	72.5/90.4
R446	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	72.8/92.1
R447	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	67.7/95.1
R448	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.8/90.8
R450	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	84.7/60
R451	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	88.9/66.2
R452	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	84.3/66.4
R454	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	101.7/82.8
R455	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	72.9/50.1
R456	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	245.5/46.1
R457	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	253.6/33.5
R458	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	252.4/45.8
R459	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.7/45.8
R460	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	240.4/44.5
R461	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	241.7/44.1
R462	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	241.3/47.1
R463	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	240/47.5
R464	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.3/49.3
R465	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.3/50.6
R466	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.8/51.9
R467	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	243.2/53.2
R468	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.7/66.1
R469	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.5/67.4
R470	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.2/68.7
R471	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	251.2/68.6

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R472	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	237.2/52.9
R473	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	238.5/52.9
R474	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	239.8/52.9
R475	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	250.4/38.3
R476	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	249.1/38.3
R477	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	112.5/97.2
R478	7510001410	S.TMR NTCG20 3FH 222JT	B	114.1/96.9
R480	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	114.9/83.4
R481	7030007510	S.RES ERJ12YJ270U (27)	B	33.7/3.3
R482	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	68.1/61.3
R483	7030000440	S.RES MCR10EZHJ 3.3 k	B	14.1/74.7
R484	7030000440	S.RES MCR10EZHJ 3.3 k	B	16/74.7
R485	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	22/71.8
R486	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	35.6/56.3
R487	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	193.4/55.9
R488	7510001370	S.TMR NTCG20 3NH 153JT	B	191.8/55.7
R490	7510001400	S.TMR NTCG20 3BH 152JT	B	115.1/77.2
R491	7030007510	S.RES ERJ12YJ270U (27)	B	15/84
R494	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	253.8/77.6
R495	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	95.8/72.7
R496	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	251.9/76.4
R497	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	160.3/68.3
R498	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	163.2/66.8
R499	7510001370	S.TMR NTCG20 3NH 153JT	B	163.5/65.2
R500	7510001360	S.TMR NTCG20 3SH 333JT	B	119.3/95.5
R502	7510001400	S.TMR NTCG20 3BH 152JT	B	207.1/78.3
R503	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	108.3/96.1
R504	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	208.1/85.9
R505	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	30.4/84.7
R506	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	T	251.9/73.8
R507	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	107.2/67.5
R508	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	104.8/87.1
R509	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	153.3/85.9
R510	7030006200	S.RES ERJ12YJ2R7U (2.7)	B	8.8/83.3
R511	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	139.4/95.4
R512	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	141.6/96.2
R513	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	163.5/71.5
R514	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	171.3/72
R515	7030004050	S.RES ERJ3GEYJ 1R0 V (1)	T	169.4/89.5
R516	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k) [EUR-01] only	T	257.7/76
R517	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	257.7/74.6
R518	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	257.7/73.2
R519	7030003860	S.RES ERJ3GE JPW V	T	256.9/79.4
R520	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	224.1/55.2
R521	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	223.4/52.8
R525	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	178.3/63.6
R526	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	179.5/63.6
R527	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	176.2/68.4
R528	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	178.3/67.6
R529	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	177.5/61.7
R530	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	168.5/64.4
R531	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	T	221.3/44.1
R532	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	218.8/41.5
R533	7030003860	S.RES ERJ3GE JPW V	T	218/39.6
R534	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	223/32.7
R535	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	226.6/48.9
R536	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	226.6/51.8
R537	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)	B	185.3/98.4
R538	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	B	224/44.9
R539	7030004010	S.RES ERJ3GEYJ 2R2 V (2.2)	B	222.2/46.9
R540	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	215.4/40.1
R1004	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	129.6/82.1
C1	4030010760	S.CER C1608 CH 1H 331J-T	B	193.1/78.8
C2	4030010760	S.CER C1608 CH 1H 331J-T	B	193.1/81.8
C3	4030008920	S.CER C1608 JB 1H 473K-T	B	185.3/95.8
C4	4030006860	S.CER C1608 JB 1H 102K-T	T	185.2/94.3
C5	4030008920	S.CER C1608 JB 1H 473K-T	T	185.1/96.6
C6	4030008920	S.CER C1608 JB 1H 473K-T	T	182.7/101.6
C7	4030007170	S.CER C1608 CH 1H 221J-T	T	179.4/100.3
C8	4030007110	S.CER C1608 CH 1H 680J-T	T	181.8/99.5
C9	4030007170	S.CER C1608 CH 1H 221J-T	T	179.4/98.7
C10	4030008920	S.CER C1608 JB 1H 473K-T	T	178.4/94.9
C11	4030008920	S.CER C1608 JB 1H 473K-T	B	198.7/80
C12	4030008920	S.CER C1608 JB 1H 473K-T	B	203/80
C13	4030009000	S.CER C2012 JB 1C 224K-T	B	208.1/89.1
C14	4030008920	S.CER C1608 JB 1H 473K-T	B	209.3/82.1
C15	4030008920	S.CER C1608 JB 1H 473K-T	T	208.5/80.3
C16	4030008920	S.CER C1608 JB 1H 473K-T	B	211.2/82.1
C17	4030008920	S.CER C1608 JB 1H 473K-T	B	219.5/88
C18	4030006860	S.CER C1608 JB 1H 102K-T	B	219.6/76.9
C19	4030011600	S.CER C1608 JB 1E 104K-T	B	217.2/69
C20	4030011600	S.CER C1608 JB 1E 104K-T	B	208.4/75.1
C21	4030006880	S.CER C1608 JB 1H 472K-T	B	207.4/68.8
C22	4030011600	S.CER C1608 JB 1E 104K-T	B	202.8/75.1
C23	4030006880	S.CER C1608 JB 1H 472K-T	B	204.1/75.1
C24	4030011600	S.CER C1608 JB 1E 104K-T	B	199/73.4
C25	4030006880	S.CER C1608 JB 1H 472K-T	B	196.4/71.6
C26	4030011600	S.CER C1608 JB 1E 104K-T	T	169.2/87.5
C27	4030011600	S.CER C1608 JB 1E 104K-T	T	162.8/91.8
C28	4510008500	S.ELE EEE1CA101WP	T	159.7/85.6
C30	4030011600	S.CER C1608 JB 1E 104K-T	T	181.2/69.8
C31	4510009280	S.ELE EEE1EA4R7SR	T	169.1/69.7
C32	4030006880	S.CER C1608 JB 1H 472K-T	T	172.6/70.5
C33	4030006900	S.CER C1608 JB 1H 103K-T	T	181.7/72.9

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C34	4030006900	S.CER C1608 JB 1H 103K-T	T	167.4/78.4
C38	4030006900	S.CER C1608 JB 1H 103K-T	B	166.4/77.1
C39	4030008880	S.CER C1608 JB 1H 223K-T	T	164.6/83.7
C40	4030006850	S.CER C1608 JB 1H 471K-T	T	177.9/76.9
C41	4030011600	S.CER C1608 JB 1E 104K-T	T	173.5/61.5
C43	4030011600	S.CER C1608 JB 1E 104K-T	B	154.5/74.9
C44	4030011600	S.CER C1608 JB 1E 104K-T	B	86.1/57.4
C45	4030011600	S.CER C1608 JB 1E 104K-T	T	163.3/75.7
C46	4030011600	S.CER C1608 JB 1E 104K-T	B	225.2/76.5
C47	4030011600	S.CER C1608 JB 1E 104K-T	B	189.6/38.7
C48	4030011600	S.CER C1608 JB 1E 104K-T	B	183.3/33.3
C50	4030009530	S.CER C1608 CH 1H 030B-T	B	216.9/65
C52	4030011600	S.CER C1608 JB 1E 104K-T	B	178.9/31.7
C53	4030011600	S.CER C1608 JB 1E 104K-T	T	183.4/42.9
C54	4030011600	S.CER C1608 JB 1E 104K-T	B	183.3/42.6
C55	4030011600	S.CER C1608 JB 1E 104K-T	B	180.5/43.9
C56	4030011600	S.CER C1608 JB 1E 104K-T	T	177.7/33
C57	4030011600	S.CER C1608 JB 1E 104K-T	B	195.8/59.5
C58	4030009520	S.CER C1608 CH 1H 020B-T	B	208.6/60.6
C59	4030011600	S.CER C1608 JB 1E 104K-T	B	214.5/50.4
C60	4030006880	S.CER C1608 JB 1H 472K-T	B	213.2/50.4
C61	4030011600	S.CER C1608 JB 1E 104K-T	T	224.9/53.3
C62	4030011600	S.CER C1608 JB 1E 104K-T	T	224.1/50.9
C63	4030011600	S.CER C1608 JB 1E 104K-T	T	220/44.1
C64	4030011600	S.CER C1608 JB 1E 104K-T	T	218.8/44.1
C65	4550003240	S.TAN TEESVB 1E 335M12R	T	209.8/32.8
C66	4030011600	S.CER C1608 JB 1E 104K-T	T	225/44.7
C68	4030006880	S.CER C1608 JB 1H 472K-T	B	213.3/38.4
C69	4030011600	S.CER C1608 JB 1E 104K-T	B	214.8/40.4
C70	4030007140	S.CER C1608 CH 1H 121J-T	B	218/41.6
C71	4030007170	S.CER C1608 CH 1H 221J-T	B	217.6/46.2
C72	4510009280	S.ELE EEE1EA4R7SR	T	210.7/49
C73	4030008920	S.CER C1608 JB 1H 473K-T	T	208.9/43.5
C74	4510008540	S.ELE EEE1CA100SR	T	211.8/54.5
C75	4030011600	S.CER C1608 JB 1E 104K-T	B	211.2/48.7
C76	4030006880	S.CER C1608 JB 1H 472K-T	B	196.2/54.2
C77	4030011600	S.CER C1608 JB 1E 104K-T	B	202.3/53.1
C78	4030011600	S.CER C1608 JB 1E 104K-T	B	203.3/45.4
C79	4030011600	S.CER C1608 JB 1E 104K-T	B	174.3/37.7
C80	4030007030	S.CER C1608 CH 1H 150J-T	B	167.7/37.4
C81	4030011600	S.CER C1608 JB 1E 104K-T	T	175.4/37.5
C82	4030011600	S.CER C1608 JB 1E 104K-T	T	168.9/36
C83	4030006860	S.CER C1608 JB 1H 102K-T	T	163.2/41.4
C84	4030011600	S.CER C1608 JB 1E 104K-T	T	163.2/42.6
C85	4030011600	S.CER C1608 JB 1E 104K-T	B	138.6/51.5
C86	4030011600	S.CER C1608 JB 1E 104K-T	B	118.3/51.5
C87	4030011600	S.CER C1608 JB 1E 104K-T	B	138/56.3
C88	4030011600	S.CER C1608 JB 1E 104K-T	B	119/54.1
C89	4030011600	S.CER C1608 JB 1E 104K-T	B	136.1/74.8
C90	4030011600	S.CER C1608 JB 1E 104K-T	B	124.9/75.9
C91	4030011600	S.CER C1608 JB 1E 104K-T	B	136.1/80.6
C92	4030011600	S.CER C1608 JB 1E 104K-T	B	124.9/79.5
C93	4030011600	S.CER C1608 JB 1E 104K-T	B	117.4/64.7
C94	4030011600	S.CER C1608 JB 1E 104K-T	B	115.8/68.8
C95	4030006880	S.CER C1608 JB 1H 472K-T	B	113.4/60.6
C96	4030011600	S.CER C1608 JB 1E 104K-T	B	113/66.9
C97	4030011600	S.CER C1608 JB 1E 104K-T	B	111.6/57.6
C98	4030011600	S.CER C1608 JB 1E 104K-T	T	109.9/67.5
C99	4030011600	S.CER C1608 JB 1E 104K-T	B	104.5/65.6
C100	4030006880	S.CER C1608 JB 1H 472K-T	B	101.4/59.7
C101	4030011600	S.CER C1608 JB 1E 104K-T	B	101.8/66.1
C102	4030011600	S.CER C1608 JB 1E 104K-T	B	99.5/57.5
C103	4030011600	S.CER C1608 JB 1E 104K-T	B	115.4/74.3
C104	4030007170	S.CER C1608 CH 1H 221J-T	B	92.6/71
C105	4030006850	S.CER C1608 JB 1H 471K-T	B	86.9/67.2
C106	4030011600	S.CER C1608 JB 1E 104K-T	T	88.3/71.4
C107	4030011600	S.CER C1608 JB 1E 104K-T	T	95/67.4
C108	4030006880	S.CER C1608 JB 1H 472K-T	B	91.7/74.2
C109	4030011600	S.CER C1608 JB 1E 104K-T	B	93.3/76.9
C110	4030006880	S.CER C1608 JB 1H 472K-T	B	91.7/76.9
C111	4030007170	S.CER C1608 CH 1H 221J-T	T	102.5/74
C112	4030011600	S.CER C1608 JB 1E 104K-T	B	104.9/75.1
C113	4030011600	S.CER C1608 JB 1E 104K-T	T	98.5/71.9
C114	4030007150	S.CER C1608 CH 1H 151J-T	B	97.7/74.6
C115	4030006880	S.CER C1608 JB 1H 472K-T	T	93.5/75.7
C116	4030011600	S.CER C1608 JB 1E 104K-T	T	95.5/81.4
C117	4030006880	S.CER C1608 JB 1H 472K-T	T	93.5/79.6
C118	4030011600	S.CER C1608 JB 1E 104K-T	T	90.2/83
C120	4030011600	S.CER C1608 JB 1E 104K-T	B	109.7/83
C122	4030011600	S.CER C1608 JB 1E 104K-T	T	112.4/70.6
C123	4030007130	S.CER C1608 CH 1H 101J-T	T	109.1/75.9
C124	4030006900	S.CER C1608 JB 1H 103K-T	T	113.5/77.4
C125	4510008540	S.ELE EEE1CA100SR	T	115.4/71.9
C126	4030006900	S.CER C1608 JB 1H 103K-T	T	115.6/80.3
C127	4030008900	S.CER C1608 JB 1H 333K-T	B	114.6/85.2
C128	4030008900	S.CER C1608 JB 1H 333K-T	B	112.1/89.5
C129	4030011600	S.CER C1608 JB 1E 104K-T	T	79.8/75.3
C130	4030011600	S.CER C1608 JB 1E 104K-T	B	136.5/93.9
C131	4510008540	S.ELE EEE1CA100SR	T	156.8/72.5
C132	4030011600	S.CER C1608 JB 1E 104K-T	B	160.3/65.4
C133	4030008920	S.CER C1608 JB 1H 473K-T	B	116.8/100
C134	4510008530	S.ELE EEE1HA2R2SR	T	114.2/101.2
C135	4510008540	S.ELE EEE1CA100SR	T	114.2/96.3
C136	4030011600	S.CER C1608 JB 1E 104K-T	B	108.3/94.7
C137	4550002890	S.TAN TEESVA 1A 225M8R	B	110.7/96
C138	4030011810	S.CER C1608 JB 1A 224K-T	B	101.8/89.2

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REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C139	4030007130	S.CER C1608 CH 1H 101J-T	T	100.9/77.3
C140	4510009150	S.ELE EEE1EA470WP	T	100.9/81.5
C141	4030006860	S.CER C1608 JB 1H 102K-T	B	119.5/97.9
C142	4510008540	S.ELE EEE1CA100SR	T	136.8/95.2
C143	4030006880	S.CER C1608 JB 1H 472K-T	B	45.1/86.4
C144	4510009150	S.ELE EEE1EA470WP	T	41.5/100.2
C145	4030008920	S.CER C1608 JB 1H 473K-T	B	41.8/88.3
C146	4510008530	S.ELE EEE1HA2R2SR	T	39.6/93.6
C147	4030006880	S.CER C1608 JB 1H 472K-T	B	39.5/87.1
C148	4030006900	S.CER C1608 JB 1H 103K-T	T	44.3/89.9
C149	4030006900	S.CER C1608 JB 1H 103K-T	T	48.5/95.7
C150	4030006900	S.CER C1608 JB 1H 103K-T	B	45.2/92.8
C151	4510008860	S.ELE EEE1AA100NR	T	56.7/95.4
C152	4510009280	S.ELE EEE1EA4R7SR	T	62/99.5
C153	4030010210	S.CER C3216 JB 1C 105M-T	B	65/101.2
C154	4030009110	S.CER C3216 JB 1C 474K-T	B	63.2/93.6
C155	4510008500	S.ELE EEE1CA101WP	T	50.7/91.4
C157	4510008530	S.ELE EEE1HA2R2SR	T	67.7/85.9
C158	4510008540	S.ELE EEE1CA100SR	T	147/78.5
C159	4510008540	S.ELE EEE1CA100SR	T	147.8/71.9
C160	4030006880	S.CER C1608 JB 1H 472K-T	B	148.6/70.2
C161	4030006860	S.CER C1608 JB 1H 102K-T	T	74.1/9.6
C162	4030006860	S.CER C1608 JB 1H 102K-T	T	78.9/1.7
C163	4030006860	S.CER C1608 JB 1H 102K-T	T	80.2/1.7
C164	4030006860	S.CER C1608 JB 1H 102K-T	T	81.5/1.7
C165	4030006860	S.CER C1608 JB 1H 102K-T	T	186.7/19.2
C166	4030006860	S.CER C1608 JB 1H 102K-T	T	187.6/2
C167	4030006860	S.CER C1608 JB 1H 102K-T	T	193.6/2
C168	4030006860	S.CER C1608 JB 1H 102K-T	T	45.4/4.9
C169	4030006860	S.CER C1608 JB 1H 102K-T	T	186.3/2
C170	4030006860	S.CER C1608 JB 1H 102K-T	T	204.9/16.4
C172	4030006860	S.CER C1608 JB 1H 102K-T	T	44.1/11.7
C180	4030006860	S.CER C1608 JB 1H 102K-T	T	71.1/9.6
C186	4030006860	S.CER C1608 JB 1H 102K-T	T	180.9/8.5
C187	4030006860	S.CER C1608 JB 1H 102K-T	B	259.1/71.8
C188	4030006860	S.CER C1608 JB 1H 102K-T	T	189/28.7
C189	4030006860	S.CER C1608 JB 1H 102K-T	T	188.2/23.3
C191	4030011600	S.CER C1608 JB 1E 104K-T	T	227.7/9.4
C193	4030011600	S.CER C1608 JB 1E 104K-T	T	247.8/68.9
C194	4030011600	S.CER C1608 JB 1E 104K-T	T	80.5/60
C196	4030006900	S.CER C1608 JB 1H 103K-T	T	162.1/2.7
C197	4030006900	S.CER C1608 JB 1H 103K-T	T	152.6/2.7
C198	4030010210	S.CER C3216 JB 1C 105M-T	B	20.8/2.8
C199	4030011600	S.CER C1608 JB 1E 104K-T	T	21/5
C200	4510008500	S.ELE EEE1CA101WP	T	15.6/10.5
C201	4030006900	S.CER C1608 JB 1H 103K-T	T	171.7/2.7
C202	4030006900	S.CER C1608 JB 1H 103K-T	B	78.3/79.9
C203	4030006880	S.CER C1608 JB 1H 472K-T	T	67.2/77.2
C204	4030009000	S.CER C2012 JB 1C 224K-T	T	64.6/80.7
C206	4030011600	S.CER C1608 JB 1E 104K-T	B	47.2/71
C207	4510008540	S.ELE EEE1CA100SR	T	37/77.6
C208	4030011600	S.CER C1608 JB 1E 104K-T	B	46.4/67.4
C209	4030009110	S.CER C3216 JB 1C 474K-T	T	42.8/66.2
C210	4510008540	S.ELE EEE1CA100SR	T	35.2/61.2
C211	4510008830	S.ELE EEE1CA221P	T	20.6/58.6
C212	4550006080	S.TAN TEESVB2 1C 106M8R	T	41.1/71.7
C213	4030006850	S.CER C1608 JB 1H 471K-T	T	36.8/69.8
C215	4030009000	S.CER C2012 JB 1C 224K-T	T	28.8/62.2
C216	4030006880	S.CER C1608 JB 1H 472K-T	T	31.5/66.4
C217	4030006880	S.CER C1608 JB 1H 472K-T	T	50.9/84.2
C218	4030011600	S.CER C1608 JB 1E 104K-T	T	33.4/79.4
C219	4510009150	S.ELE EEE1EA470WP	T	42.5/81.6
C220	4030011600	S.CER C1608 JB 1E 104K-T	T	33.4/82.9
C221	4030006880	S.CER C1608 JB 1H 472K-T	T	35.6/86.7
C222	4030006860	S.CER C1608 JB 1H 102K-T	T	15.6/63.8
C223	4510009150	S.ELE EEE1EA470WP	T	11/61.7
C224	4510008830	S.ELE EEE1CA221P	T	12/69.8
C225	4510009150	S.ELE EEE1EA470WP	T	11.8/77.9
C226	4510008510	S.ELE EEE1CA471P	T	25.4/72.4
C227	4510004601	ELE 16 ME 1000 HC		
C228	4030011600	S.CER C1608 JB 1E 104K-T	B	9/89
C229	4030011600	S.CER C1608 JB 1E 104K-T	T	31.2/80.5
C230	4030006880	S.CER C1608 JB 1H 472K-T	T	30.4/86.3
C231	4030007090	S.CER C1608 CH 1H 470J-T	B	170.2/92.4
C232	4030006860	S.CER C1608 JB 1H 102K-T	B	157.8/93
C233	4510009280	S.ELE EEE1EA4R7SR	T	19.3/65.4
C235	4030006880	S.CER C1608 JB 1H 472K-T	T	25.4/98.2
C236	4030006900	S.CER C1608 JB 1H 103K-T	T	25.4/99.6
C238	4030006880	S.CER C1608 JB 1H 472K-T	T	15/95.7
C239	4030018980	S.CER C1608 JB 1H 104K-T	B	5.4/20.5
C240	4030018980	S.CER C1608 JB 1H 104K-T	B	6.3/26.6
C241	4510009150	S.ELE EEE1EA470WP	T	11.7/27.8
C242	4510004510	ELE 25 ME 470 HC		
C243	4030018980	S.CER C1608 JB 1H 104K-T	B	27.8/40
C244	4510008540	S.ELE EEE1CA100SR	T	17.4/51.1
C245	4030011600	S.CER C1608 JB 1E 104K-T	T	9.4/50.9
C246	4030011600	S.CER C1608 JB 1E 104K-T	T	9.4/54.2
C247	4510008540	S.ELE EEE1CA100SR	T	12.6/54.2
C248	4510008830	S.ELE EEE1CA221P	T	62.3/42.1
C249	4030011600	S.CER C1608 JB 1E 104K-T	T	57.8/38.2
C250	4030011600	S.CER C1608 JB 1E 104K-T	T	54/27.1
C251	4510008830	S.ELE EEE1CA221P	T	52.2/33.1
C252	4340000530	S.MLR ECHU1H333JX5	T	67.3/23.3
C253	4510008740	S.ELE EEE1HA330P	T	73.2/33.3
C254	4510008740	S.ELE EEE1HA330P	T	73.2/42.1
C255	4030018980	S.CER C1608 JB 1H 104K-T	B	72.6/41.3

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C256	4030018980	S.CER	C1608 JB 1H 104K-T	B	79.8/41.3
C257	4510008880	S.ELE	EEE1VA330WP	T	83.1/41.5
C258	4510008880	S.ELE	EEE1VA330WP	T	90.4/41.5
C259	4510009150	S.ELE	EEE1EA470WP	T	86.8/22.3
C260	4510008570	S.ELE	EEE1CA220SR	T	93.3/21.9
C261	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.9/28.8
C262	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.7/28.9
C263	4510008540	S.ELE	EEE1CA100SR	T	92/28.1
C264	4510008540	S.ELE	EEE1CA100SR	T	92/32.9
C265	4030006900	S.CER	C1608 JB 1H 103K-T	T	243.6/70.4
C266	4510008540	S.ELE	EEE1CA100SR	T	243.5/82.1
C267	4510008540	S.ELE	EEE1CA100SR	T	237.5/82.1
C268	4510008540	S.ELE	EEE1CA100SR	T	237.4/77.3
C269	4510008540	S.ELE	EEE1CA100SR	T	243.4/77.3
C270	4030006900	S.CER	C1608 JB 1H 103K-T	B	246.6/83.2
C271	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/66.4
C272	4030006900	S.CER	C1608 JB 1H 103K-T	T	58.2/69.6
C273	4510008540	S.ELE	EEE1CA100SR	T	42.5/54.5
C274	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/71.5
C275	4030006900	S.CER	C1608 JB 1H 103K-T	B	77.1/63.4
C276	4030006860	S.CER	C1608 JB 1H 102K-T	B	61.8/61.8
C277	4030006860	S.CER	C1608 JB 1H 102K-T	T	58.2/58.2
C279	4510008540	S.ELE	EEE1CA100SR	T	54.4/52.1
C281	4030006850	S.CER	C1608 JB 1H 471K-T	B	110.9/85.2
C282	4030007170	S.CER	C1608 CH 1H 221J-T	B	107.2/86.5
C283	4030007170	S.CER	C1608 CH 1H 221J-T	B	108.4/86.5
C284	4030006900	S.CER	C1608 JB 1H 103K-T	T	111.6/85.8
C285	4030006880	S.CER	C1608 JB 1H 472K-T	B	131.5/97.9
C287	4030011600	S.CER	C1608 JB 1E 104K-T	B	242.6/55.4
C288	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/39.7
C289	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/42.5
C290	4030009000	S.CER	C2012 JB 1C 224K-T	T	256.6/20
C291	4030006880	S.CER	C1608 JB 1H 472K-T	B	252.3/35.6
C292	4030006880	S.CER	C1608 JB 1H 472K-T	T	258/25.1
C293	4030006880	S.CER	C1608 JB 1H 472K-T	T	257.6/23.8
C294	4030006880	S.CER	C1608 JB 1H 472K-T	T	260.3/33
C295	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.9/61.5
C296	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.5/30.4
C297	4030010210	S.CER	C3216 JB 1C 105M-T	B	260.4/66.4
C298	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.7/27.8
C299	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.2/26.5
C300	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.2/29.1
C301	4030006900	S.CER	C1608 JB 1H 103K-T	B	251/84.9
C303	4510004510	ELE	25 ME 470 HC		
C304	4030018980	S.CER	C1608 JB 1H 104K-T	B	239.8/10.1
C305	4030011600	S.CER	C1608 JB 1E 104K-T	T	243.5/16.2
C306	4510009150	S.ELE	EEE1EA470WP	T	236.5/21.1
C307	4030006900	S.CER	C1608 JB 1H 103K-T	B	75.8/59.2
C308	4030006880	S.CER	C1608 JB 1H 472K-T	T	254/4.9
C309	4030007090	S.CER	C1608 CH 1H 470J-T	T	177.7/96.3
C310	4030009000	S.CER	C2012 JB 1C 224K-T	T	167/83.9
C311	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/72
C312	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/81.2
C313	4030011600	S.CER	C1608 JB 1E 104K-T	B	180.5/37.5
C314	4030010210	S.CER	C3216 JB 1C 105M-T	B	67/60.6
C315	4030010210	S.CER	C3216 JB 1C 105M-T	B	68.6/62.9
C316	4030010210	S.CER	C3216 JB 1C 105M-T	B	62.2/58.8
C317	4030006880	S.CER	C1608 JB 1H 472K-T	T	53.8/70.5
C318	4510008540	S.ELE	EEE1CA100SR	T	51.3/66.2
C319	4510008540	S.ELE	EEE1CA100SR	T	223.3/39.6
C320	4030007070	S.CER	C1608 CH 1H 330J-T	B	225/38.1
C321	4030009920	S.CER	C1608 CH 1H 050B-T	B	223.6/38.1
C322	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/83.8
C323	4030011600	S.CER	C1608 JB 1E 104K-T	B	193.8/89.6
C324	4030011600	S.CER	C1608 JB 1E 104K-T	B	138.5/73.8
C325	4030011600	S.CER	C1608 JB 1E 104K-T	B	139.7/80.6
C326	4030006900	S.CER	C1608 JB 1H 103K-T	T	181.7/74.1
C328	4510008530	S.ELE	EEE1HA2R2SR	T	44.5/93.6
C330	4030006860	S.CER	C1608 JB 1H 102K-T	B	109.9/87.7
C331	4510008540	S.ELE	EEE1CA100SR	T	141.6/94.8
C332	4030006900	S.CER	C1608 JB 1H 103K-T	B	108.8/90
C333	4030008880	S.CER	C1608 JB 1H 223K-T	T	81.2/75.3
C334	4030008880	S.CER	C1608 JB 1H 223K-T	T	80.6/72.7
C335	4030011600	S.CER	C1608 JB 1E 104K-T	B	105.6/69.3
C336	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/73
C337	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/71.4
C338	4030011600	S.CER	C1608 JB 1E 104K-T	B	177/85.5
C339	4510008540	S.ELE	EEE1CA100SR	T	105.8/100.8
C340	4030011600	S.CER	C1608 JB 1E 104K-T	B	101.3/97.8
C341	4030007090	S.CER	C1608 CH 1H 470J-T	T	95.8/76.5
C342	4030010020	S.CER	C1608 JB 1H 122K-T	T	97.8/98.3
C343	4510008540	S.ELE	EEE1CA100SR	T	86.6/100.3
C344	4030007090	S.CER	C1608 CH 1H 470J-T	B	95.3/97.8
C345	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/85.5
C346	4030007090	S.CER	C1608 CH 1H 470J-T	B	85.7/81.8
C347	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/83.9
C348	4030007170	S.CER	C1608 CH 1H 221J-T	B	96.1/93
C349	4030006880	S.CER	C1608 JB 1H 472K-T	B	75.7/101.7
C350	4030006880	S.CER	C1608 JB 1H 472K-T	B	71.9/92.4
C351	4030006880	S.CER	C1608 JB 1H 472K-T	B	72.5/89
C352	4510008530	S.ELE	EEE1HA2R2SR	T	67.7/100.6
C353	4030009000	S.CER	C2012 JB 1C 224K-T	B	79.9/85.2
C354	4030011600	S.CER	C1608 JB 1E 104K-T	B	86.1/61.3
C355	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.7/66.2
C356	4030011600	S.CER	C1608 JB 1E 104K-T	B	83.5/64.4
C357	4530000400	S.ARY	EZANCE 220M 22P	T	87.6/11.9
C358	4530000410	S.ARY	EZANCE 471M 470P	T	79.3/11.9

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C359	4530000410	S.ARY	EZANCE 471M 470P	T	65.4/12.2
C360	4530000410	S.ARY	EZANCE 471M 470P	T	57.1/11.4
C361	4530000400	S.ARY	EZANCE 220M 22P	T	187.2/12.2
C362	4530000400	S.ARY	EZANCE 220M 22P	T	195.3/13.2
C363	4030007090	S.CER	C1608 CH 1H 470J-T	T	250.6/38.7
C364	4030007090	S.CER	C1608 CH 1H 470J-T	T	248.6/38.7
C365	4510004601	ELE	16 ME 1000 HC		
C367	4030011600	S.CER	C1608 JB 1E 104K-T	T	117.5/83.4
C368	4550003240	S.TAN	TEESVB 1E 335M12R	B	6.5/33.3
C369	4530000410	S.ARY	EZANCE 471M 470P	T	48.8/12.2
C370	4530000410	S.ARY	EZANCE 471M 470P	T	215.3/13
C371	4530000410	S.ARY	EZANCE 471M 470P	T	207/13
C372	4530000400	S.ARY	EZANCE 220M 22P	T	215.5/24.3
C373	4530000410	S.ARY	EZANCE 471M 470P	T	206.9/24.3
C374	4530000410	S.ARY	EZANCE 471M 470P	T	193.6/21.3
C375	4030011600	S.CER	C1608 JB 1E 104K-T	B	94.1/91.4
C376	4030011600	S.CER	C1608 JB 1E 104K-T	T	65.3/56.2
C377	4510008540	S.ELE	EEE1CA100SR	T	60.1/50.4
C378	4030010210	S.CER	C3216 JB 1C 105M-T	B	21.6/75.9
C379	4030008880	S.CER	C1608 JB 1H 223K-T	B	55.5/76.2
C380	4030009110	S.CER	C3216 JB 1C 474K-T	B	243.3/10.2
C381	4030011600	S.CER	C1608 JB 1E 104K-T	B	71.9/101.6
C382	4030011600	S.CER	C1608 JB 1E 104K-T	T	256.9/55.6
C383	4030006880	S.CER	C1608 JB 1H 472K-T	B	106/87.1
C384	4030010210	S.CER	C3216 JB 1C 105M-T	B	139.8/99.4
C385	4550006480	S.TAN	TEESVA 1C 475M8R	B	172/68.6
C386	4030011600	S.CER	C1608 JB 1E 104K-T	B	168.5/66.1
C387	4030007090	S.CER	C1608 CH 1H 470J-T	B	27/27.9
C388	4030007090	S.CER	C1608 CH 1H 470J-T	B	23/27.9
C389	4030007090	S.CER	C1608 CH 1H 470J-T	B	13.9/92.9
C390	4030007090	S.CER	C1608 CH 1H 470J-T	B	6.4/38
C391	4030007090	S.CER	C1608 CH 1H 470J-T	B	8.5/36.1
C392	4030007090	S.CER	C1608 CH 1H 470J-T	B	14.3/38.1
C393	4030007090	S.CER	C1608 CH 1H 470J-T	B	16.5/35.5
C525	4510008540	S.ELE	EEE1CA100SR	T	167.4/61.9
C526	4030006880	S.CER	C1608 JB 1H 472K-T	T	168.3/65
RL1	6330001060	RLY	APQ 3311 (APQ3311K1)		
CP1	6910009670	S.CHK	HK3-S-T	T	175.6/79.7
CP2	6910009670	S.CHK	HK3-S-T	T	216/47.5
CP3	6910009670	S.CHK	HK3-S-T	T	154.8/61.1
CP4	6910009670	S.CHK	HK3-S-T	T	145.1/82
CP5	6910009670	S.CHK	HK3-S-T	T	160.6/64.9
J1	6510007020	CNR	TMP-J01X-V6		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510018450	CNR	TMP-S01X-B1		
J4	6510007020	CNR	TMP-J01X-V6		
J5	6510019761	S.CNR	52610-1571 (1590)	T	82.2/6
J6	6510019141	S.CNR	52610-1071 (1090)	T	190.1/6.4
J7	6510019761	S.CNR	52610-1571 (1590)	T	57.9/5.2
J8	6510019141	S.CNR	52610-1071 (1090)	T	209.4/6.4
J9	6510003441	CNR	B08B-EH-S (LF) (SN)		
J10	6510007860	CNR	PI28A-07M		
J12	6510019191	S.CNR	52365-0871	T	79.7/56.7
J14	6510023650	CNR	HEC0740-010618		
J15	6510011431	CNR	B3P-VH (LF) (SN)		
J16	6510011441	CNR	B4P-VH (LF) (SN)		
J17	6450000150	CNR	JPJ2545-01-510		
J18	6450000150	CNR	JPJ2545-01-510		
J19	6510007100	CNR	PI28A-06M		
J20	6510007170	CNR	PI28A-03M		
J21	6450000140	CNR	HSJ0807-01-010		
J22	6450000140	CNR	HSJ0807-01-010		
J23	6510019651	CNR	DBLC-J25SAF-23L8E		
J28	6450001560	CNR	PD-72		
J29	6450001560	CNR	PD-72		
J30	6450001560	CNR	PD-72		
J31	6450001560	CNR	PD-72		
J32	6510014191	CNR	A4B-3PA-2DSA (71)		
P1	6510014180	CNR	A3-SP (A)		
F1	5210000221	FUS	FGMB 125V 3A PBF		
F2	6510020300	HOL	OF-429P		

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

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	6910013081	S.IC	5MXE14-7-LF MIX	T	31/54.9
IC2	1110006990	S.IC	uPC2710TB-E3	T	27.8/62.3
IC3	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	26.5/24.3
Q1	1590000430	S.TR	DTC144EUA T106	T	20.4/38.3
Q2	1590001770	S.TR	XP1213 (TX)	T	31/21.7
Q3	1590001310	S.TR	XN1114 (TX)	T	31/25.8
Q4	1530003450	S.TR	2SC4835G R (TX)	T	94.2/23.5
Q5	1530003450	S.TR	2SC4835G R (TX)	T	94.5/55.3
D1	1750000211	S.DIO	1SV237 (TE85R,F)	T	60.6/13.2
D2	1750000531	S.DIO	1SV271 (TPH3,F)	T	51.9/60
D3	1790000450	S.DIO	MA862 (TX)	T	87/20.2
D4	1790000620	S.DIO	MA77 (TX)	T	88.5/57.8
D5	1750000211	S.DIO	1SV237 (TE85R,F)	T	13.7/61.9
D6	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.3/48.6
FI1	2020002280	S.DET	MBF-778A-10-J0076	T	85.9/32
FI2	2020002270	S.DET	MBF-778-10-J0075	T	85.9/47.5
L1	6200002820	S.COL	LQW31HN47NJ03L	T	60.9/16.9
L2	6200003331	S.COL	NLV32T-1R0J	T	53.4/13
L3	6200002370	S.COL	LQW31HN39NJ03L	T	55.8/58
L4	6200003331	S.COL	NLV32T-1R0J	T	52/56.2
L6	6200003331	S.COL	NLV32T-1R0J	T	93/18.4
L7	6200003331	S.COL	NLV32T-1R0J	T	93.8/58.1
L8	6200002320	S.COL	LQW31HN8N8J03L	T	39.2/58
L10	6180002961	S.COL	NLV32T-R18J	T	24.4/62.4
L11	6200003331	S.COL	NLV32T-1R0J	T	17.2/41.4
L12	6200005351	S.COL	LL1608-FSL10NJ	T	17/54.4
L13	6200005361	S.COL	LL1608-FSL12NJ	T	20.6/55
L14	6190001161	COL	#302HEP-1926A		
L15	6190001111	COL	#252HEP-3076A		
L16	6200012030	S.COL	LL1608-FSL22NJ	T	15.1/48.4
L17	6200005401	S.COL	LL1608-FSL27NJ	T	18.8/49
L18	6200003331	S.COL	NLV32T-1R0J	T	27.6/47
L19	6200003331	S.COL	NLV32T-1R0J	T	23.3/53.8
L21	6200005341	S.COL	LL1608-FSL8N2J	T	16.2/59.2
L23	6200005361	S.COL	LL1608-FSL12NJ	T	62.6/41.4
L120	6200003271	S.COL	NLV25T-R56J	T	40.1/38.2
L121	6200003271	S.COL	NLV25T-R56J	T	40.1/34.4
L122	6200005461	S.COL	LL1608-FSL82NJ	T	37.1/52.3
R1	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	57/14.2
R2	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	51.4/16.2
R3	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	51.4/38.6
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	63.4/14.4
R5	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	90/20.4
R6	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	95.8/19.1
R7	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	99.2/38.2
R8	7030003470	S.RES	ERJ3GEYJ 182 V (1.8 k)	T	57/60
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	36.3/63.3
R10	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	35.5/61.3
R11	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	34.7/63.3
R12	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	20.8/63
R13	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	19.4/63
R14	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	16.5/63.4
R15	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	25.5/49.7
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	28.6/13.8
R17	7410000730	S.ARY	EXB-V8V 104JV (100 k)	T	26.1/11.7
R18	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	31.6/29.8
R19	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	98/23.6
R20	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	99.4/54.6
R21	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	24.8/30.4
R22	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	28/30.4
R23	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	30.2/29.8
R24	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	36.9/34.1
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	71.5/15.4
C2	4030006980	S.CER	C1608 CH 1H 070D-T	T	57.2/17.3
C3	4030006860	S.CER	C1608 JB 1H 102K-T	T	57/15.6
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.8/16.2
C6	4030009990	S.CER	C1608 CH 1H 200J-T	T	62.6/49
C7	4030006980	S.CER	C1608 CH 1H 070D-T	T	59.6/57.6
C8	4030006860	S.CER	C1608 JB 1H 102K-T	T	51.4/50.6
C9	4030007090	S.CER	C1608 CH 1H 470J-T	T	51.4/43.4
C10	4030006850	S.CER	C1608 JB 1H 471K-T	T	51.4/34
C11	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.6/23.2
C12	4030007090	S.CER	C1608 CH 1H 470J-T	T	90/21.8
C13	4030007090	S.CER	C1608 CH 1H 470J-T	T	93.6/20.6
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	91.6/55.2
C17	4030007090	S.CER	C1608 CH 1H 470J-T	T	96.9/56.9
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	99.2/42.4
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	99.2/34
C20	4030006850	S.CER	C1608 JB 1H 471K-T	T	45/58.6
C21	4030009510	S.CER	C1608 CH 1H 010B-T	T	40.9/60.4
C22	4030009510	S.CER	C1608 CH 1H 010B-T	T	37.5/58.5
C23	4030006960	S.CER	C1608 CH 1H 050C-T	T	40.2/55
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	38.3/62.5
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.7/61.3
C30	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.2/63

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C31	4030007090	S.CER	C1608 CH 1H 470J-T	T	31.4/63.4
C32	4030006860	S.CER	C1608 JB 1H 102K-T	T	30.1/63.4
C33	4030006850	S.CER	C1608 JB 1H 471K-T	T	22/42
C34	4030006960	S.CER	C1608 CH 1H 050C-T	T	17/57.2
C35	4030009560	S.CER	C1608 CH 1H R75B-T	T	17/55.8
C36	4030006960	S.CER	C1608 CH 1H 050C-T	T	19.2/56.6
C37	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	18.6/53
C38	4030009530	S.CER	C1608 CH 1H 030B-T	T	22.2/57.6
C39	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.8/17
C40	4030011600	S.CER	C1608 JB 1E 104K-T	T	26.4/31
C47	4030006960	S.CER	C1608 CH 1H 050C-T	T	15.1/51.2
C48	4030009910	S.CER	C1608 CH 1H 040B-T	T	15.1/49.8
C49	4030007010	S.CER	C1608 CH 1H 100D-T	T	17.4/50.6
C50	4030009530	S.CER	C1608 CH 1H 030B-T	T	16.8/47
C51	4030006980	S.CER	C1608 CH 1H 070D-T	T	20.2/49
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.2/46.2
C53	4030006850	S.CER	C1608 JB 1H 471K-T	T	24.1/56.7
C54	4030006860	S.CER	C1608 JB 1H 102K-T	T	24.1/51.6
C55	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.4/40.8
C56	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.7/23.6
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	97.3/53.9
C60	4030006850	S.CER	C1608 JB 1H 471K-T	T	21.4/60.8
C61	4030009520	S.CER	C1608 CH 1H 020B-T	T	45/63
C120	4030007120	S.CER	C1608 CH 1H 820J-T	T	38.2/39.8
C121	4030011280	S.CER	C1608 CH 1H 271J-T	T	38.2/36.9
C122	4030007120	S.CER	C1608 CH 1H 820J-T	T	38.2/34.1
J1	6510019141	S.CNR	52610-1071 (1090)	T	5.7/32.4
J2	6510007020	CNR	TMP-J01X-V6		
WS1	8970022400	CBL	RX1768 COAXIAL TUBE (1)/MI		
WS2	8970022410	CBL	RX1768 1.5D COAXIAL TUBE (1)/MI [OTH-02], [CHN]		
	8970024860	CBL	1.5D 290MM (RX1768 A16-6G1) [EUR-01]		
EP61	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/25.4
EP62	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/26.7
EP63	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/28
EP64	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/29.3
EP65	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/33.7
EP66	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/35
EP67	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/36.3
EP68	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/37.6

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

S.=Surface mount

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006990	S.IC	uPC2710TB-E3	T	13.2/10
IC2	1110006990	S.IC	uPC2710TB-E3	T	13.1/49.6
IC3	1130007700	S.IC	BU4094BCF-E2	B	27.1/69.8
IC4	1130007700	S.IC	BU4094BCF-E2	T	17.5/79.8
IC5	1160000131	S.IC	TD62783AFG (5,S,EL)	T	28.6/69.8
Q1	1560000721	S.FET	2SK2171-4-TD-E	B	54.7/74.4
Q2	1560000721	S.FET	2SK2171-4-TD-E	T	54.6/74.6
Q3	1590001840	S.TR	XN4601 (TX)	T	56/56.9
Q4	1590001001	S.TR	RN2427 (TE85L,F)	B	38.5/72.4
Q5	1590001330	S.TR	DTA114EUA T106	B	34.5/72.2
Q6	1560000721	S.FET	2SK2171-4-TD-E	T	26.2/41
Q7	1560000721	S.FET	2SK2171-4-TD-E	T	26.2/47
Q8	1580000540	S.FET	3SK131-T2-LA	T	39.2/18.7
Q9	1590001770	S.TR	XP1213 (TX)	T	27.5/80.8
Q10	1590001770	S.TR	XP1213 (TX)	T	17.5/71.5
Q11	1590001001	S.TR	RN2427 (TE85L,F)	T	20.4/62.1
Q12	1590001001	S.TR	RN2427 (TE85L,F)	T	19.3/68.3
Q13	1590001770	S.TR	XP1213 (TX)	T	27.5/78.3
Q14	1590001330	S.TR	DTA114EUA T106	B	30.6/76.8
Q15	1560000831	S.FET	2SK2036 (TE85L,F)	T	82.7/74.1
Q16	1560000831	S.FET	2SK2036 (TE85L,F)	T	84.5/70.4
Q17	1590001001	S.TR	RN2427 (TE85L,F)	B	27.4/81
D1	1750000550	S.DIO	1SS355 TE-17	B	85.5/34.6
D2	1750000550	S.DIO	1SS355 TE-17	B	73/51.5
D3	1750000211	S.DIO	1SV237 (TE85R,F)	T	77.8/68.8
D4	1750000531	S.DIO	1SV271 (TPH3,F)	T	47.1/47.6
D5	1750000531	S.DIO	1SV271 (TPH3,F)	T	61.2/74.2
D6	1750000531	S.DIO	1SV271 (TPH3,F)	T	67.6/57.6
D7	1790000620	S.DIO	MA77 (TX)	T	68/44.1
D8	1790000450	S.DIO	MA862 (TX)	T	68/33.2
D9	1790000450	S.DIO	MA862 (TX)	T	68.4/21.9
D10	1790000450	S.DIO	MA862 (TX)	T	68.4/8.8
D11	1790000620	S.DIO	MA77 (TX)	T	46.2/45.7
D12	1790000450	S.DIO	MA862 (TX)	T	46/37
D13	1790000450	S.DIO	MA862 (TX)	T	45/21.6
D14	1790000450	S.DIO	MA862 (TX)	T	46.8/8.8
D15	1790000450	S.DIO	MA862 (TX)	T	46.2/59
D16	1750000211	S.DIO	1SV237 (TE85R,F)	T	46.6/51.9
D17	1790000450	S.DIO	MA862 (TX)	T	41.9/62.9
D18	1750000431	S.DIO	HSB88WSTR-E	T	23.6/19.3
FI1	2010001980	XTL	48M15A 48.800 MHz		
L1	6140002070	COL	LR-233		
L2	6200003011	S.COL	NLV32T-R27J	T	80/43.1
L3	6200003001	S.COL	NLV32T-R22J	T	78.4/38.1
L4	6200003001	S.COL	NLV32T-R22J	T	75.4/42.3
L5	6200003520	S.COL	ELJFB 102K-F	B	74.8/66.3
L6	6200003520	S.COL	ELJFB 102K-F	T	74.2/74.5
L7	6200001711	S.COL	NLV32T-220J	T	70.1/73.4
L8	6200001711	S.COL	NLV32T-220J	T	65.7/73.4
L10	6200001851	S.COL	NLV32T-5R6J	T	69.4/65.9
L11	6200003111	S.COL	NLV32T-6R8J	T	65/65.8
L12	6200003520	S.COL	ELJFB 102K-F	T	60.5/65.6
L13	6200005501	S.COL	NLV32T-471J	T	67.2/53.7
L14	6200005501	S.COL	NLV32T-471J	T	67.3/48.3
L15	6200003111	S.COL	NLV32T-6R8J	T	64/59.4
L16	6200002961	S.COL	NLV32T-4R7J	T	62.9/48.1
L17	6200005501	S.COL	NLV32T-471J	T	66/41.5
L18	6200002991	S.COL	NLV32T-2R2J	T	61/42.3
L19	6200002991	S.COL	NLV32T-2R2J	T	56.8/45
L20	6200002961	S.COL	NLV32T-4R7J	T	52.5/42.8
L21	6200003101	S.COL	NLV32T-3R9J	T	49.4/42.8
L22	6200003261	S.COL	NLV32T-101J	T	64.4/36.5
L23	6200003101	S.COL	NLV32T-3R9J	T	59.2/36.6
L24	6200001851	S.COL	NLV32T-5R6J	T	51.6/36.6
L25	6200003261	S.COL	NLV32T-101J	T	66.6/29.9
L26	6200003051	S.COL	NLV32T-R82J	T	61.4/30.6
L27	6200003061	S.COL	NLV32T-1R2J	T	57.2/33.2
L28	6200003081	S.COL	NLV32T-1R8J	T	52.8/31
L29	6200003071	S.COL	NLV32T-1R5J [OTH-02], [EUR-01]	T	49.6/30.8
	6200003321	S.COL	NLV32T-3R3J [CHN]	T	49.6/30.8
L30	6200003261	S.COL	NLV32T-101J	T	67.1/25.2
L31	6200003061	S.COL	NLV32T-1R2J	T	62/24.8
L32	6200003331	S.COL	NLV32T-1R0J	T	57/23.4
L33	6200003051	S.COL	NLV32T-R82J	T	53.2/25
L34	6200003061	S.COL	NLV32T-1R2J	T	48.1/26
L35	6200003261	S.COL	NLV32T-101J	T	67.2/18.2
L36	6200003031	S.COL	NLV32T-R47J	T	61.4/20
L37	6200002981	S.COL	NLV32T-R56J	T	57.6/19
L38	6200003041	S.COL	NLV32T-R68J	T	53.9/20
L39	6200003051	S.COL	NLV32T-R82J	T	48.1/17.8
L40	6200003261	S.COL	NLV32T-101J	T	66.9/12.2
L41	6200003251	S.COL	NLV32T-R39J	T	62/12.6
L42	6200003251	S.COL	NLV32T-R39J	T	56.8/11.4
L43	6200003031	S.COL	NLV32T-R47J	T	53.2/12.8
L44	6200002981	S.COL	NLV32T-R56J	T	46.6/13.8
L45	6200003261	S.COL	NLV32T-101J	T	67.2/5.4
L46	6200003011	S.COL	NLV32T-R27J	T	62/6.4
L47	6200003011	S.COL	NLV32T-R27J	T	56.8/8
L48	6200003021	S.COL	NLV32T-R33J	T	53.2/6.3

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L49	6200003251	S.COL	NLV32T-R39J	T	46.7/5.4
L50	6200003520	S.COL	ELJFB 102K-F	B	52.1/58
L51	6200003520	S.COL	ELJFB 102K-F	B	49.1/49.4
L52	6200005501	S.COL	NLV32T-471J	B	50.2/46
L53	6200005501	S.COL	NLV32T-471J	T	53.6/53.3
L54	6140000640	COL	LR-86		
L55	6140001540	COL	LR-169		
L56	6200005501	S.COL	NLV32T-471J	B	40.6/62.2
L57	6200003520	S.COL	ELJFB 102K-F	B	59.6/75.3
L58	6200003001	S.COL	NLV32T-R22J	T	35.6/54.3
L59	6200003001	S.COL	NLV32T-R22J	T	38.5/49.9
L60	6140001500	COL	LR-171		
L61	6200001831	S.COL	NLV32T-100J	B	21.7/51.4
L62	6150002980	COL	LS-309		
L63	6150003110	COL	LS-306		
L64	6200003331	S.COL	NLV32T-1R0J	T	16.6/9.5
L65	6150002390	COL	LS-250		
L66	6150000991	COL	LS-424		
L67	6200003381	S.COL	#617PT-1837=P3	T	32.1/19.2
L68	6200003381	S.COL	#617PT-1837=P3	T	15.1/19.2
L69	6200001831	S.COL	NLV32T-100J	B	13.7/10.6
L70	6200003011	S.COL	NLV32T-R27J	T	23.2/7
L71	6200003011	S.COL	NLV32T-R27J	T	20/11.2
L72	6200003001	S.COL	NLV32T-R22J	T	15.7/13.4
L73	6200003331	S.COL	NLV32T-1R0J	T	16.4/50.7
L74	6200001831	S.COL	NLV32T-100J	B	14/49.7
L75	6200003431	S.COL	NLV32T-R10J	T	21.8/55.8
L76	6200001471	S.COL	NLV32T-R12J	T	25.3/55
L77	6200003950	S.COL	HF50ACC 322513-T	B	19.5/62.6
L78	6200003950	S.COL	HF50ACC 322513-T	B	5.7/68.1
L79	6200003950	S.COL	HF50ACC 322513-T	T	17.1/63.6
L80	6200003321	S.COL	NLV32T-3R3J	B	49.7/75.6
L82	6180002961	S.COL	NLV32T-R18J	T	27.6/51.1
L83	6200003001	S.COL	NLV32T-R22J	T	15.8/55.8
L84	6200003031	S.COL	NLV32T-R47J	B	10.5/20.7
L85	6200003041	S.COL	NLV32T-R68J	B	42.8/76
L86	6200003011	S.COL	NLV32T-R27J	B	18.2/36.3
L87	6200001471	S.COL	NLV32T-R12J [CHN] only	B	26.5/43.3
R1	7540000130	ABS	2P-50A-301		
R2	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	81.8/27.2
R3	7540000130	ABS	2P-50A-301		
R4	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	83.8/49.5
R5	7030007650	S.RES	ERJ8ENF 68R0V (68)	T	76.8/33.2
R7	7030000330	S.RES	MCR10EZHJ 390 (391)	B	74.7/56
R8	7030000230	S.RES	MCR10EZHJ 56 (560)	B	78.6/55.3
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	B	70.2/59.4
R10	7030007650	S.RES	ERJ8ENF 68R0V (68)	B	72.8/47.2
R12	7030007540	S.RES	ERJ8ENF 3900V (390)	B	72.8/70.5
R14	7030007530	S.RES	ERJ8ENF 1800V (180)	B	77.8/79.2
R18	7030000260	S.RES	MCR10EZHJ 100 (101)	T	74.7/68.8
R19	7030000240	S.RES	MCR10EZHJ 68 (680)	T	73.6/66
R20	7030000260	S.RES	MCR10EZHJ 100 (101)	T	72.9/68.8
R21	7030007540	S.RES	ERJ8ENF 3900V (390)	B	67.8/72.3
R22	7030007540	S.RES	ERJ8ENF 3900V (390)	B	64.1/73.8
R24	7030007540	S.RES	ERJ8ENF 3900V (390)	B	61.2/43.3
R26	7030007540	S.RES	ERJ8ENF 3900V (390)	B	47.9/41.7
R28	7030007530	S.RES	ERJ8ENF 1800V (180)	B	69/35.7
R30	7030007540	S.RES	ERJ8ENF 3900V (390)	B	60.4/31.5
R32	7030007540	S.RES	ERJ8ENF 3900V (390)	B	48.5/31.5
R34	7030007540	S.RES	ERJ8ENF 3900V (390)	B	68/24.5
R36	7030007540	S.RES	ERJ8ENF 3900V (390)	B	46.6/24.5
R38	7030007540	S.RES	ERJ8ENF 3900V (390)	B	62.6/19.5
R40	7030007540	S.RES	ERJ8ENF 3900V (390)	B	52.8/19.5
R42	7030007540	S.RES	ERJ8ENF 3900V (390)	B	62.4/12.5
R44	7030007540	S.RES	ERJ8ENF 3900V (390)	B	51.6/12.5
R46	7030007550	S.RES	ERJ8ENF 4700V (470)	B	61.5/5.1
R48	7030007550	S.RES	ERJ8ENF 4700V (470)	B	51.7/5.3
R50	7030007550	S.RES	ERJ8ENF 4700V (470)	B	54.5/44.2
R52	7030007550	S.RES	ERJ8ENF 4700V (470)	B	56.3/59.3
R54	7030007850	S.RES	ERJ8ENF 1001V (1 k)	B	58.3/79.4
R56	7030007550	S.RES	ERJ8ENF 4700V (470)	B	64.6/66.6
R58	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	43.9/54.1
R59	7030003310	S.RES	ERJ3GEYJ 820 V (82)	B	52.7/51.6
R60	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	50.1/50.9
R61	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	54.5/50.9
R62	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	55.8/59.4
R63	7310004780	S.TRI	EVM-3YSX50 B13 (102)	T	56/62
R64	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	50/52.5
R65	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	57.8/52.7
R66	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	57.8/49.7
R67	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	51.6/55.5
R68	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	33/61.7
R69	7030000180	S.RES	MCR10EZHJ 22 (220)	T	48.5/65.4
R71	7030007680	S.RES	ERJ8ENF 47R0V (47)	B	41.7/71.3
R73	7030006270	S.RES	ERJ12YJ221U (220)	B	35.9/66.4
R74	7030000340	S.RES	MCR10EZHJ 470 (471)	B	29/39.1
R75	7030000340	S.RES	MCR10EZHJ 470 (471)	B	31.3/49.2
R77	7310004860	S.TRI	EVM-3YSX50 B53 (502)	T	32/51.2
R78	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	22.8/47.1
R79	7030000220	S.RES	MCR10EZHJ 47 (470) [OTH-02], [EUR-01]	B	25.8/45.4
	7030003400	S.RES	ERJ3GEYJ 471 V (470) [CHN]	B	25.8/45.4
R80	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	18.6/47.1
R81	7030004850	S.RES	ERJ3GEYF 913 V (91 k)	B	40.5/30.7
R82	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	B	34.7/35.6

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

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R83	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	39.3/21.3
R84	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	36.6/20.6
R85	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	38.8/15.4
R86	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	36.4/13.2
R87	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	34.7/13
R88	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	B	10.2/17.4
R89	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	18/5
R90	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	14.4/6.2
R91	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	15.1/4.9
R92	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	27/12.6
R93	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	29.2/13.4
R94	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	27/14.2
R95	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	11.6/42.3
R96	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	13/42.3
R97	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	12.2/44.3
R101	7410000750	S.ARY	EXB-V4V 104JV (100 k)	T	73.2/82.4
R102	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	70.4/30.4
R103	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	74.2/25.6
R104	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.6/51.4
R105	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	69.2/42.2
R106	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	67.2/34.6
R107	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	66.2/75.6
R108	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	75.8/80.2
R110	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	35.5/74.8
R111	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	19.6/40.7
R112	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	70.7/18.4
R113	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	75.6/13.7
R114	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	67.4/4.3
R115	7510001360	S.TMR	NTCG20 3SH 333JT	B	39.3/18
R116	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	B	39.2/16.4
R203	7030003860	S.RES	ERJ3GE JPW V	T	31.5/55.1
R204	7030003860	S.RES	ERJ3GE JPW V	B	21.7/28.7
C1	4030011600	S.CER	C1608 JB 1E 104K-T	T	83.1/25.6
C2	4030011600	S.CER	C1608 JB 1E 104K-T	T	85.2/49.5
C3	4030006860	S.CER	C1608 JB 1H 102K-T	B	87/34.6
C4	4030007100	S.CER	C1608 CH 1H 560J-T	T	80.2/46.8
C5	4030007060	S.CER	C1608 CH 1H 270J-T	T	77.7/43.1
C6	4030007130	S.CER	C1608 CH 1H 101J-T	T	80.2/40.2
C7	4030007090	S.CER	C1608 CH 1H 470J-T	T	78.5/35.9
C8	4030007120	S.CER	C1608 CH 1H 820J-T	T	74.7/39.3
C10	4030006860	S.CER	C1608 JB 1H 102K-T	B	69.2/51.4
C11	4030011600	S.CER	C1608 JB 1E 104K-T	B	70.2/60.9
C12	4030008920	S.CER	C1608 JB 1H 473K-T	B	70.2/58
C13	4510008540	S.ELE	EEE1CA100SR	T	78.5/78.7
C14	4030011600	S.CER	C1608 JB 1E 104K-T	T	75.3/79.2
C15	4030009630	S.CER	C1608 JB 1H 822K-T	T	68.7/76.4
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.3/75.6
C17	4030009880	S.CER	C1608 JB 1H 682K-T	T	64.1/76.4
C21	4030011600	S.CER	C1608 JB 1E 104K-T	T	71.3/68.9
C22	4030008470	S.CER	C1608 JB 1H 272K-T	T	67.1/68.8
C23	4030010760	S.CER	C1608 CH 1H 331J-T	T	65/68
C24	4030006870	S.CER	C1608 JB 1H 222K-T	T	65/69.4
C25	4030011600	S.CER	C1608 JB 1E 104K-T	T	63.6/63.6
C26	4030011600	S.CER	C1608 JB 1E 104K-T	T	61.2/70.4
C27	4030008470	S.CER	C1608 JB 1H 272K-T	T	64.7/55.7
C28	4030008470	S.CER	C1608 JB 1H 272K-T	T	63.2/55.7
C29	4030009980	S.CER	C1608 JB 1H 152K-T	T	64.7/52.8
C30	4030009880	S.CER	C1608 JB 1H 682K-T	T	63.2/51.7
C31	4030009970	S.CER	C1608 JB 1H 182K-T	T	65.1/48.3
C32	4030011600	S.CER	C1608 JB 1E 104K-T	T	67.4/51
C33	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/40.3
C34	4030010020	S.CER	C1608 JB 1H 122K-T	T	58.8/41.7
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	57.4/41.7
C36	4030010020	S.CER	C1608 JB 1H 122K-T	T	56/41.7
C37	4030008920	S.CER	C1608 JB 1H 473K-T	T	52.8/45.7
C38	4030008470	S.CER	C1608 JB 1H 272K-T	T	54.7/41.7
C39	4030009980	S.CER	C1608 JB 1H 152K-T	T	49.6/45.7
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	47.2/41.8
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	62/38.5
C42	4030009970	S.CER	C1608 JB 1H 182K-T	T	56.2/37
C43	4030011280	S.CER	C1608 CH 1H 271J-T	T	54.6/37
C44	4030006860	S.CER	C1608 JB 1H 102K-T	T	48.6/38.1
C45	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.8/28.6
C46	4030006850	S.CER	C1608 JB 1H 471K-T	T	59.1/30.1
C47	4030007110	S.CER	C1608 CH 1H 680J-T	T	57.8/30.1
C48	4030011280	S.CER	C1608 CH 1H 271J-T	T	56.4/30.1
C49	4030010020	S.CER	C1608 JB 1H 122K-T	T	53.4/33.8
C50	4030008770	S.CER	C1608 JB 1H 562K-T	T	55/29.9
C51	4030010040	S.CER	C1608 JB 1H 561K-T	T	50.3/33.8
C52	4030008920	S.CER	C1608 JB 1H 473K-T	T	47.4/30.2
C53	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.2/27.4
C54	4030010760	S.CER	C1608 CH 1H 331J-T	T	58.4/26.6
C55	4030007100	S.CER	C1608 CH 1H 560J-T	T	59.8/25.2
C56	4030010760	S.CER	C1608 CH 1H 331J-T	T	57/26.6
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	51/23.8
C58	4030006870	S.CER	C1608 JB 1H 222K-T	T	55.6/26.6
C59	4030010760	S.CER	C1608 CH 1H 331J-T	T	48.4/23
C60	4030008920	S.CER	C1608 JB 1H 473K-T	T	51/26.8
C61	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.6/15.8
C62	4030011280	S.CER	C1608 CH 1H 271J-T	T	64.4/16.6
C63	4030007100	S.CER	C1608 CH 1H 560J-T	T	62/17.8
C64	4030007150	S.CER	C1608 CH 1H 151J-T	T	59.8/16.6
C65	4030006850	S.CER	C1608 JB 1H 471K-T	T	54.8/17.8
C66	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.6/16.8
C67	4030007170	S.CER	C1608 CH 1H 221J-T	T	48.5/20.1
C68	4030008920	S.CER	C1608 JB 1H 473K-T	T	51/16.8
C69	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.6/14.4

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C70	4030007170	S.CER	C1608 CH 1H 221J-T	T	58.4/14.6
C71	4030007070	S.CER	C1608 CH 1H 330J-T	T	59.8/13.2
C72	4030007140	S.CER	C1608 CH 1H 121J-T	T	57/14.6
C73	4030011280	S.CER	C1608 CH 1H 271J-T	T	51/13.2
C74	4030010020	S.CER	C1608 JB 1H 122K-T	T	55.6/14.6
C75	4030007150	S.CER	C1608 CH 1H 151J-T	T	47.5/11.4
C76	4030008920	S.CER	C1608 JB 1H 473K-T	T	49.6/14.6
C77	4030008920	S.CER	C1608 JB 1H 473K-T	T	64.4/4.6
C79	4030007140	S.CER	C1608 CH 1H 121J-T	T	59.8/4.6
C80	4030007080	S.CER	C1608 CH 1H 390J-T	T	58.4/5.2
C81	4030007110	S.CER	C1608 CH 1H 680J-T	T	57/5
C82	4030007170	S.CER	C1608 CH 1H 221J-T	T	55.6/5
C83	4030009490	S.CER	C1608 JB 1H 821K-T	T	51/4.4
C84	4030007120	S.CER	C1608 CH 1H 820J-T	T	51/7.8
C85	4030008920	S.CER	C1608 JB 1H 473K-T	T	49.7/4.4
C86	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/51.2
C87	4030011600	S.CER	C1608 JB 1E 104K-T	T	46.1/56.3
C88	4030008920	S.CER	C1608 JB 1H 473K-T	T	52.3/49.9
C89	4030008920	S.CER	C1608 JB 1H 473K-T	T	46.7/54.3
C90	4030008920	S.CER	C1608 JB 1H 473K-T	T	56.5/49.7
C91	4030009000	S.CER	C2012 JB 1C 224K-T	T	38.3/63.9
C92	4030008920	S.CER	C1608 JB 1H 473K-T	T	50.1/65.8
C94	4030008920	S.CER	C1608 JB 1H 473K-T	B	41.7/67.4
C95	4030008920	S.CER	C1608 JB 1H 473K-T	B	59.1/64.1
C96	4030008920	S.CER	C1608 JB 1H 473K-T	B	36.9/61.6
C97	4030011600	S.CER	C1608 JB 1E 104K-T	T	35/56.5
C98	4030007150	S.CER	C1608 CH 1H 151J-T	T	35.1/52.1
C99	4030007090	S.CER	C1608 CH 1H 470J-T	T	37.9/52.1
C100	4030007110	S.CER	C1608 CH 1H 680J-T	T	40.1/52.9
C102	4030011600	S.CER	C1608 JB 1E 104K-T	B	28.9/37.5
C103	4030011600	S.CER	C1608 JB 1E 104K-T	B	31.1/50.9
C104	4030006860	S.CER	C1608 JB 1H 102K-T	B	22.3/49
C105	4030007020	S.CER	C1608 CH 1H 120J-T	T	21.5/47.1
C106	4030008920	S.CER	C1608 JB 1H 473K-T	T	16.6/46.3
C107	4030006960	S.CER	C1608 CH 1H 050C-T	T	8.5/29.3
C109	4030009530	S.CER	C1608 CH 1H 030B-T	B	25.9/29.6
C110	4030008920	S.CER	C1608 JB 1H 473K-T	B	36.1/35.6
C111	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.6/17.8
C112	4030008920	S.CER	C1608 JB 1H 473K-T	T	40.2/15.4
C113	4030007040	S.CER	C1608 CH 1H 180J-T	T	36.4/14.6
C114	4030008920	S.CER	C1608 JB 1H 473K-T	T	33.6/13.2
C115	4030008920	S.CER	C1608 JB 1H 473K-T	B	13.7/17.4
C116	4030006860	S.CER	C1608 JB 1H 102K-T	T	12/6.8
C117	4030007130	S.CER	C1608 CH 1H 101J-T	T	23.2/13.8
C118	4030008920	S.CER	C1608 JB 1H 473K-T	B	17.4/9.9
C119	4030006860	S.CER	C1608 JB 1H 102K-T	B	16/9.9
C120	4030007040	S.CER	C1608 CH 1H 180J-T	T	22.4/11.6
C121	4030007140	S.CER	C1608 CH 1H 121J-T	T	24/11.6
C122	4030007090	S.CER	C1608 CH 1H 470J-T	T	14.2/52.7
C123	4030007170	S.CER	C1608 CH 1H 221J-T	T	17.9/53.6
C124	4030007140	S.CER	C1608 CH 1H 121J-T	T	13/55.5
C125	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.8/46.3
C126	4030009520	S.CER	C1608 CH 1H 020B-T	T	32.8/28.4
C127	4030008920	S.CER	C1608 JB 1H 473K-T	T	14.6/46.3
C128	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.2/46.3
C129	4030007070	S.CER	C1608 CH 1H 330J-T	T	18.6/55.5
C130	4030009650	S.CER	C1608 CH 1H 240J-T	T	21/53.6
C131	4030007060	S.CER	C1608 CH 1H 270J-T	T	28.3/56.5
C132	4030007010	S.CER	C1608 CH 1H 100D-T	T	27.5/54.3
C134	4530000410	S.ARY	EZANCE 471M 470P	T	11.8/63.7
C135	4030008920	S.CER	C1608 JB 1H 473K-T	B	4.9/71.9
C136	4030008920	S.CER	C1608 JB 1H 473K-T	B	3.9/64.8
C137	4530000400	S.ARY	EZANCE 220M 22P	T	11.8/71.9
C138	4030011600	S.CER	C1608 JB 1E 104K-T	B	32.1/66.7
C139	4030011600	S.CER	C1608 JB 1E 104K-T	B	16.5/84
C140	4030006860	S.CER	C1608 JB 1H 102K-T	B	81.6/32.8
C141	4030006860	S.CER	C1608 JB 1H 102K-T	B	68.1/49
C142	4030007010	S.CER	C1608 CH 1H 100D-T	T	23.8/9.2
C143	4030007110	S.CER	C1608 CH 1H 680J-T	T	26.2/10
C144	4030006880	S.CER	C1608 JB 1H 472K-T	T	27.8/10
C145	4030007150	S.CER	C1608 CH 1H 151J-T	B	13.2/19.6
C146	4030007150	S.CER	C1608 CH 1H 151J-T	B	7.8/19.6
C147	4030010210	S.CER	C3216 JB 1C 105M-T	T	25.8/62.2
C148	4030008920	S.CER	C1608 JB 1H 473K-T	B	3.4/67.4
C222	4030006960	S.CER	C1608 CH 1H 050C-T [OTH-02], [EUR-01] only		
RL1	6330000180	RLY	MZ-12HG		
RL2	6330000180	RLY	MZ-12HG		
CP1	6910009670	S.CHK	HK3-S-T	T	52.7/59.1
J1	6450000150	CNR	JPJ2545-01-510		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510007020	CNR	TMP-J01X-V6		
J4	6510019761	S.CNR	52610-1571 (1590)	T	5.4/66.7
WS1	8600035490	RX1768 J05RF-A			

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	21.6/93.9
IC2	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	22.9/78.5
IC3	1110006420	S.IC	uPC2708TB-E3-A	T	44.4/72.8
IC4	1190002051	S.IC	SPM5001-TL-E	T	22.5/20.7
IC6	1110006870	S.IC	uPC2709TB-E3	T	12.7/55.4
IC7	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	11.9/82.2
Q1	1580000800	S.FET	3SK324UG-TL-E	T	94.8/21.4
Q2	1580000800	S.FET	3SK324UG-TL-E	T	91.6/43
Q3	1580000800	S.FET	3SK324UG-TL-E	T	91.4/63.5
Q4	1580000800	S.FET	3SK324UG-TL-E	T	97.2/85.3
Q5	1590001400	S.TR	XP1214 (TX)	T	73.8/88.3
Q6	1590001770	S.TR	XP1213 (TX)	T	63.1/94.7
Q7	1590001310	S.TR	XN1114 (TX)	T	62.9/90.3
Q8	1590001770	S.TR	XP1213 (TX)	T	59.7/94.7
Q9	1590001310	S.TR	XN1114 (TX)	T	59.3/90.3
Q10	1590000430	S.TR	DTC144EUA T106	T	29.4/87.6
Q11	1560000811	S.FET	2SK1069-4-TL-E	T	30.3/83
Q12	1560000811	S.FET	2SK1069-4-TL-E	T	30.5/79.4
D1	1750000550	S.DIO	1SS355 TE-17	T	129.8/79.4
D2	1750000550	S.DIO	1SS355 TE-17	T	65.9/75.2
D3	1720000601	S.VCP	HN2V02H-B (TE12R,F)	T	104.7/22.5
D4	1720000601	S.VCP	HN2V02H-B (TE12R,F)	T	85.5/19.1
D5	1730002430	S.ZEN	MAZ8150GM (TX)	T	90.5/10.3
D6	1750000531	S.DIO	1SV271 (TPH3,F)	T	112.6/25.7
D7	1750000531	S.DIO	1SV271 (TPH3,F)	T	70.8/25.8
D8	1750000531	S.DIO	1SV271 (TPH3,F)	T	112.4/38.4
D9	1720000681	S.VCP	1SV262 (TPH2,F)	T	102.6/38.3
D10	1720000681	S.VCP	1SV262 (TPH2,F)	T	105.5/45.4
D11	1720000681	S.VCP	1SV262 (TPH2,F)	T	96.6/41.6
D12	1720000681	S.VCP	1SV262 (TPH2,F)	T	84.3/41.1
D13	1750000531	S.DIO	1SV271 (TPH3,F)	T	72.5/41.4
D14	1790000620	S.DIO	MA77 (TX)	T	112.8/60.1
D15	1720000681	S.VCP	1SV262 (TPH2,F)	T	95.2/60.6
D16	1720000681	S.VCP	1SV262 (TPH2,F)	T	85/60.8
D17	1790000620	S.DIO	MA77 (TX)	T	70.1/60.5
D19	1720000261	S.VCP	1SV214 (TPH2,F)	T	109.8/83.4
D20	1720000261	S.VCP	1SV214 (TPH2,F)	T	102.7/83.5
D21	1720000261	S.VCP	1SV214 (TPH2,F)	T	102.7/80.2
D22	1720000261	S.VCP	1SV214 (TPH2,F)	T	88.4/84.6
D23	1720000261	S.VCP	1SV214 (TPH2,F)	T	88.4/81.2
D24	1750000111	S.DIO	1SS272 (TE85R,F)	T	22.9/87.7
D25	1750000531	S.DIO	1SV271 (TPH3,F)	T	40.8/59.7
D26	1750000531	S.DIO	1SV271 (TPH3,F)	T	41.6/39.9
D27	1750000531	S.DIO	1SV271 (TPH3,F)	T	28/59.7
D28	1750000531	S.DIO	1SV271 (TPH3,F)	T	30.2/37.1
D29	1720000261	S.VCP	1SV214 (TPH2,F)	T	24.4/56.5
D30	1720000261	S.VCP	1SV214 (TPH2,F)	T	22.6/57.3
D31	1720000261	S.VCP	1SV214 (TPH2,F)	T	25/49.3
D32	1720000261	S.VCP	1SV214 (TPH2,F)	T	23.2/47.8
D33	1720000681	S.VCP	1SV262 (TPH2,F)	T	93.5/58.9
D34	1720000681	S.VCP	1SV262 (TPH2,F)	T	83.4/58.3
L1	6200003261	S.COL	NLV32T-101J	T	112.4/21.1
L2	6200002981	S.COL	NLV32T-R56J	T	109.2/21.1
L3	6200003021	S.COL	NLV32T-R33J	T	104.7/17.8
L4	6200001471	S.COL	NLV32T-R12J	T	99.9/20.3
L5	6200001471	S.COL	NLV32T-R12J	T	100/16.5
L6	6200004900	S.COL	ELJFC 5R6K-F	T	91.7/23.4
L7	6200001471	S.COL	NLV32T-R12J	T	84.4/23.5
L8	6200003421	S.COL	NLV32T-R15J	T	81/19.6
L9	6200003011	S.COL	NLV32T-R27J	T	79.9/23.5
L10	6200003261	S.COL	NLV32T-101J	T	72.4/22.4
L11	6200001831	S.COL	NLV32T-100J	T	111.1/43.9
L12	6200003011	S.COL	NLV32T-R27J	T	108/45.5
L13	6200001471	S.COL	NLV32T-R12J	T	105.1/40.9
L14	6200003431	S.COL	NLV32T-R10J	T	102.1/44.7
L15	6200002390	S.COL	LQW31HN64NJ03L	T	98.6/44.2
L16	6200002100	S.COL	LQW31HN17NJ03L	T	98.6/39.3
L17	6200001620	S.COL	ELJFC 1R0K-F	T	88.5/45.1
L18	6200002370	S.COL	LQW31HN39NJ03L	T	82.3/43
L19	6200002820	S.COL	LQW31HN47NJ03L	T	82.3/38.2
L20	6200003431	S.COL	NLV32T-R10J	T	78.8/41
L21	6200001831	S.COL	NLV32T-100J	T	72.9/43.8
L23	6200003331	S.COL	NLV32T-1R0J	T	114.7/64.1
L24	6200002350	S.COL	LQW31HN27NJ03L	T	110/61
L25	6200002820	S.COL	LQW31HN47NJ03L	T	105.6/60
L26	6200007670	S.COL	LQW2BHN10NJ03L	T	101.8/64
L27	6200007670	S.COL	LQW2BHN10NJ03L	T	97.3/64.9
L28	6200007670	S.COL	LQW2BHN10NJ03L	T	98.4/60
L29	6200003251	S.COL	NLV32T-R39J	T	88/66.1
L30	6200002330	S.COL	LQW31HN15NJ03L	T	82.2/64.8
L31	6200007670	S.COL	LQW2BHN10NJ03L	T	78.5/62.1
L32	6200002360	S.COL	LQW31HN33NJ03L	T	77.5/66
L33	6200003331	S.COL	NLV32T-1R0J	T	70/64.9
L35	6200002350	S.COL	LQW31HN27NJ03L	T	110.9/85.4
L36	6200005351	S.COL	LL1608-FSL10NJ	T	106.5/83.7
L37	6200005301	S.COL	LL1608-FSL3N9S	T	104.3/83.8
L38	6200005301	S.COL	LL1608-FSL3N9S	T	104.3/80.5
L39	6200002820	S.COL	LQW31HN47NJ03L	T	94.2/87.2
L41	6200005341	S.COL	LL1608-FSL8N2J	T	86.8/81.2
L42	6200002330	S.COL	LQW31HN15NJ03L	T	83.8/82.4
L43	6200003331	S.COL	NLV32T-1R0J	T	40.2/73.1

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L44	6200001831	S.COL	NLV32T-100J	T	40.2/77.3
L46	6200007670	S.COL	LQW2BHN10NJ03L	T	43.4/57
L47	6200002330	S.COL	LQW31HN15NJ03L	T	43/52.3
L48	6200002100	S.COL	LQW31HN17NJ03L	T	43/47.3
L49	6200001831	S.COL	NLV32T-100J	T	42.5/43.2
L51	6200005291	S.COL	LL1608-FSL3N3S	T	27.8/54.9
L52	6200002320	S.COL	LQW31HN8N8J03L	T	30.2/52.1
L53	6200005301	S.COL	LL1608-FSL3N9S	T	28/48.9
L54	6200012040	S.COL	LL1608-FSL5N6S	T	29.4/48.5
L55	6200005301	S.COL	LL1608-FSL3N9S	T	29.4/45.8
L56	6200005291	S.COL	LL1608-FSL3N3S	T	29.4/42.8
L57	6200003331	S.COL	NLV32T-1R0J	T	27.3/38
L58	6140002551	S.COL	#617DB-1919=P3	T	28.2/25.2
L59	6140002551	S.COL	#617DB-1919=P3	T	17/21.6
L60	6200003331	S.COL	NLV32T-1R0J	T	16/15.7
L61	6140002551	S.COL	#617DB-1919=P3	T	28.2/18.3
L62	6200003331	S.COL	NLV32T-1R0J	T	23.8/13
L64	6200012030	S.COL	LL1608-FSL22NJ	T	13.1/51.5
L65	6200001770	S.COL	ELJNC 47NK-F	T	9.1/51.8
L67	6200005301	S.COL	LL1608-FSL3N9S	T	12.4/44.1
L69	6200012040	S.COL	LL1608-FSL5N6S	T	12.4/41.2
L70	6200005371	S.COL	LL1608-FSL15NJ	T	8.7/38.8
L72	6200005331	S.COL	LL1608-FSL6N8J	T	12.4/47.2
L73	6200010561	S.COL	LL1608-FSL39NJ	T	107.3/81.4
L74	6200012040	S.COL	LL1608-FSL5N6S	T	30/55.3
L75	6200007670	S.COL	LQW2BHN10NJ03L	T	30.3/13
L76	6200002320	S.COL	LQW31HN8N8J03L	T	32.2/9.5
L77	6200005331	S.COL	LL1608-FSL6N8J	T	35.8/9.8
L78	6200006030	S.COL	LQP18MN4N7C02D	T	126/87.4
L79	6200012040	S.COL	LL1608-FSL5N6S	T	127.4/85.8
L80	6200003031	S.COL	NLV32T-R47J	T	120.7/80.5
L81	6200003331	S.COL	NLV32T-1R0J	T	30.4/58.3
L82	6200012030	S.COL	LL1608-FSL22NJ	T	23.6/60.3
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	114.7/97.8
R2	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	104.1/26.5
R3	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	95.9/18
R4	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	97.2/18
R5	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	93.8/18
R6	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	96.9/25.3
R7	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	88.5/24.4
R8	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	88/15.6
R10	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	108.2/40.2
R11	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	95.1/39.1
R12	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	86/39.2
R13	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	93.7/41.2
R14	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	95.4/46.1
R15	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	87.8/39.6
R16	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	94/46.1
R17	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	85.8/46.3
R19	7030000370	S.RES	MCR10EZHJ 820 (821)	T	125.3/51.9
R20	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	91.9/59
R21	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	82.6/60.7
R22	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	92/69.5
R23	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	87/60
R24	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	98.4/68.4
R25	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	90.2/68.8
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	92.5/61.5
R27	7030000370	S.RES	MCR10EZHJ 820 (821)	T	57/55
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	110.9/81.1
R29	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	99.3/80
R30	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	90/80.8
R31	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	93.6/82.2
R32	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	90/88.8
R33	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	98.2/88.6
R34	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	48.4/73.6
R35	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	69.6/88.8
R36	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	37.5/70.2
R37	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	40.2/68.8
R38	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	44.2/69.9
R39	7410000750	S.ARY	EXB-V4V 104JV (100 k)	T	15.2/95.8
R40	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	13.5/94.8
R41	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	27.1/95
R42	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)	T	54.7/92.1
R43	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	55.5/95.1
R44	7030003860	S.RES	ERJ3GE JPW V	T	54.1/96.7
R45	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	27.7/92.2
R46	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	26.3/92.2
R48	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	14.3/69.4
R49	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	14.3/70.8
R50	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	17.9/69.4
R51	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)	T	25.1/69
R52	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	17.9/70.8
R54	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	T	14.3/73.6
R56	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	14.3/72.2
R57	7030003730	S.RES	ERJ3GEYJ 274 V (270 k)	T	19.3/76.6
R58	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	18/73.6
R59	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	17.9/72.2
R62	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	16.3/83.2
R63	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	14.5/76.4
R64	7030003630	S.RES	ERJ3GEYJ 393 V (39 k)	T	17.1/81.2
R65	7030003700	S.RES	ERJ3GEYJ 154 V (150 k)	T	19.3/80.4
R66	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	20.9/84.2
R67	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	98.8/83.3
R68	7410000580	S.ARY	EXB-V4V 224JV (220 k)	T	19.6/88.4
R69	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	27.9/83

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R70	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	98.3/81.5
R71	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	32.9/83.8
R72	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	33.1/80.2
R73	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	26.1/87.3
R74	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	31.5/75.8
R75	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)	T	28.2/79.2
R76	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	28.2/76.4
R77	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	30.5/77.2
R78	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	20.9/85.5
R79	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	27.2/97.1
R80	7410000800	S.ARY	EXB-V8V 103JV (10 k)	T	28.3/70.8
R81	7410000800	S.ARY	EXB-V8V 103JV (10 k)	T	61/85.6
R82	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	39.6/67.4
R83	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	45.3/41
R84	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	35.5/26.4
R85	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.6/38
R86	7410000750	S.ARY	EXB-V4V 104JV (100 k)	T	27/52.4
R87	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	23.9/53.4
R88	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)	T	6.8/26.8
R89	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	4.8/26.8
R90	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	38.2/13.8
R91	7030007680	S.RES	ERJ8ENF 47R0V (47)	T	2/26.1
R92	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	40.4/13
R93	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	6.5/59.6
R94	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	8.7/58.8
R95	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	6.5/58
R96	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	8.7/49.6
R97	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	10.9/48.8
R98	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	8.7/48
R99	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	9.4/35.8
R100	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	6.5/83
R105	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	10.9/76.6
R106	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	47.8/71.4
R107	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	38.2/12.2
R108	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	47/69.2
R109	7310004790	S.TRI	EVM-3YSX50 B14 (103)	T	5.8/22.8
R110	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	93.8/24.6
R111	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	84.9/25.8
R112	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	90.5/46.3
R113	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	90.2/66.2
R114	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	83.9/67.4
R115	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	88.2/63
R116	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	92.4/84.4
R117	7030003860	S.RES	ERJ3GE JPW V	T	86.8/84.4
R118	7030003860	S.RES	ERJ3GE JPW V	T	112/16
R119	7030003860	S.RES	ERJ3GE JPW V	T	71.6/18.4
R120	7030003860	S.RES	ERJ3GE JPW V	T	111.3/46.7
R121	7030003860	S.RES	ERJ3GE JPW V	T	76/46.5
R122	7030003860	S.RES	ERJ3GE JPW V	T	111.5/66.5
R123	7030003860	S.RES	ERJ3GE JPW V	T	73/69
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	129.6/81.1
C2	4030006860	S.CER	C1608 JB 1H 102K-T	T	122.4/52.9
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	110.6/24
C4	4030006850	S.CER	C1608 JB 1H 471K-T	T	109/25.7
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	112.8/18.2
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	90.4/16.4
C7	4030009490	S.CER	C1608 JB 1H 821K-T	T	96.9/23.8
C8	4030006880	S.CER	C1608 JB 1H 472K-T	T	92.4/18
C9	4030006860	S.CER	C1608 JB 1H 102K-T	T	92/26.6
C10	4030007050	S.CER	C1608 CH 1H 220J-T	T	90/20.6
C11	4030006880	S.CER	C1608 JB 1H 472K-T	T	89.3/26.6
C12	4030006880	S.CER	C1608 JB 1H 472K-T	T	75.8/23.6
C13	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.8/19.4
C14	4030006860	S.CER	C1608 JB 1H 102K-T	T	56/57.6
C15	4030006860	S.CER	C1608 JB 1H 102K-T	T	110.6/41
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	108.2/42.4
C17	4030007030	S.CER	C1608 CH 1H 150J-T	T	100.9/38.4
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	88.2/36.8
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	114/45.4
C20	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.6/38.4
C21	4030006860	S.CER	C1608 JB 1H 102K-T	T	92.6/46.1
C22	4030006850	S.CER	C1608 JB 1H 471K-T	T	90.6/39.6
C23	4030006860	S.CER	C1608 JB 1H 102K-T	T	87.6/48
C24	4030007010	S.CER	C1608 CH 1H 100D-T	T	86.7/42
C25	4030006860	S.CER	C1608 JB 1H 102K-T	T	82.3/47.6
C26	4030006860	S.CER	C1608 JB 1H 102K-T	T	84.3/37.8
C27	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.7/39.8
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	76.8/43.7
C29	4030007130	S.CER	C1608 CH 1H 101J-T	T	112.4/63.4
C30	4030007010	S.CER	C1608 CH 1H 100D-T	T	107.7/64.2
C31	4030009650	S.CER	C1608 CH 1H 240J-T	T	105.4/64
C32	4030007070	S.CER	C1608 CH 1H 330J-T	T	104.6/66.2
C33	4030007130	S.CER	C1608 CH 1H 101J-T	T	115/67
C34	4030006850	S.CER	C1608 JB 1H 471K-T	T	115/68.5
C36	4030006860	S.CER	C1608 JB 1H 102K-T	T	95.4/69.1
C37	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.8/60
C38	4030006850	S.CER	C1608 JB 1H 471K-T	T	88.4/60
C39	4030009530	S.CER	C1608 CH 1H 030B-T	T	85.4/63
C40	4030007130	S.CER	C1608 CH 1H 101J-T	T	91.8/67.3
C41	4030006850	S.CER	C1608 JB 1H 471K-T	T	86.5/69.2
C43	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.1/65.2
C44	4030006850	S.CER	C1608 JB 1H 471K-T	T	69.8/67.6
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	69.8/69
C46	4030007130	S.CER	C1608 CH 1H 101J-T	T	81.8/58.5
C47	4030007020	S.CER	C1608 CH 1H 120J-T	T	114.2/81.2

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C48	4030006850	S.CER	C1608 JB 1H 471K-T	T	89.8/78.6
C49	4030006850	S.CER	C1608 JB 1H 471K-T	T	96.4/81.8
C50	4030006860	S.CER	C1608 JB 1H 102K-T	T	95/82.2
C51	4030006850	S.CER	C1608 JB 1H 471K-T	T	100.3/86.4
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	100.3/87.8
C53	4030006850	S.CER	C1608 JB 1H 471K-T	T	94.1/90.4
C54	4030006850	S.CER	C1608 JB 1H 471K-T	T	87.3/90.2
C55	4030009520	S.CER	C1608 CH 1H 020B-T	T	90.8/85.8
C56	4030008560	S.CER	C1608 CH 1H 300J-T	T	80/82.3
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	47/73.6
C59	4030006860	S.CER	C1608 JB 1H 102K-T	T	41/70.2
C60	4030006850	S.CER	C1608 JB 1H 471K-T	T	43.2/75.2
C61	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.2/76.6
C66	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.5/92.2
C67	4030007090	S.CER	C1608 CH 1H 470J-T		
			[EUR-01] only	T	2.4/91.2
C68	4030007090	S.CER	C1608 CH 1H 470J-T		
			[EUR-01] only	T	2.3/94.1
C72	4530000410	S.ARY	EZANCE 471M 470P	T	43.2/85.7
C75	4030011600	S.CER	C1608 JB 1E 104K-T	T	16.2/91.8
C76	4030011600	S.CER	C1608 JB 1E 104K-T	T	22.6/97.6
C77	4030011600	S.CER	C1608 JB 1E 104K-T	T	26/97.1
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.1/70.4
C79	4510008550	S.ELE	EEE1HA010SR	T	15.1/66.4
C80	4510008550	S.ELE	EEE1HA010SR	T	12.1/90.7
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	15.8/89.6
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.4/67.9
C83	4030006950	S.CER	C1608 CH 1H 040C-T	T	46.6/59.1
C84	4030006950	S.CER	C1608 CH 1H 040C-T	T	45.8/56.9
C85	4030006990	S.CER	C1608 CH 1H 080D-T	T	46/54
C86	4030009520	S.CER	C1608 CH 1H 020B-T	T	41/52.3
C87	4030006990	S.CER	C1608 CH 1H 080D-T	T	46/49.8
C88	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	41/47.2
C89	4030006950	S.CER	C1608 CH 1H 040C-T	T	46/45.6
C90	4030006900	S.CER	C1608 JB 1H 103K-T	T	45.5/43.4
C91	4030007130	S.CER	C1608 CH 1H 101J-T	T	46.8/43.4
C92	4030006850	S.CER	C1608 JB 1H 471K-T	T	48.2/42.7
C93	4030006960	S.CER	C1608 CH 1H 050C-T	T	26.4/54.9
C94	4030006980	S.CER	C1608 CH 1H 070D-T	T	26.6/48.9
C95	4030007090	S.CER	C1608 CH 1H 470J-T	T	22.5/51
C96	4030009520	S.CER	C1608 CH 1H 020B-T	T	25.8/46.6
C97	4030009510	S.CER	C1608 CH 1H 010B-T	T	28/45.8
C98	4030009520	S.CER	C1608 CH 1H 020B-T	T	25.8/45
C100	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	28.6/40.4
C101	4030007090	S.CER	C1608 CH 1H 470J-T	T	25.6/40.4
C102	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.8/40.2
C103	4030006860	S.CER	C1608 JB 1H 102K-T	T	32.2/24.2
C104	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.6/12.7
C105	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.6/11.4
C106	4030006850	S.CER	C1608 JB 1H 471K-T	T	17.6/25.6
C107	4030006850	S.CER	C1608 JB 1H 471K-T	T	15/25.6
C108	4030006850	S.CER	C1608 JB 1H 471K-T	T	28.5/21.4
C109	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.2/20.5
C110	4030006850	S.CER	C1608 JB 1H 471K-T	T	19.8/13.6
C111	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.8/12.2
C112	4030006850	S.CER	C1608 JB 1H 471K-T	T	37.4/9.8
C113	4030006860	S.CER	C1608 JB 1H 102K-T		
			[EUR-01] only	T	6.5/18.7
C114	4030006860	S.CER	C1608 JB 1H 102K-T		
			[EUR-01] only	T	1.8/15.1
C117	4030006850	S.CER	C1608 JB 1H 471K-T	T	10.9/58
C118	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.1/49.6
C119	4030006850	S.CER	C1608 JB 1H 471K-T	T	10.2/54.9
C120	4030007010	S.CER	C1608 CH 1H 100D-T	T	12.1/52.9
C121	4030006850	S.CER	C1608 JB 1H 471K-T	T	7.3/54.9
C122	4030009520	S.CER	C1608 CH 1H 020B-T	T	8.7/44.9
C123	4030009520	S.CER	C1608 CH 1H 020B-T	T	10.9/44.1
C124	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	8.7/43.3
C125	4030006950	S.CER	C1608 CH 1H 040C-T	T	13.8/39.6
C126	4030006950	S.CER	C1608 CH 1H 040C-T	T	11.6/36.6
C127	4030006960	S.CER	C1608 CH 1H 050C-T	T	11.8/38.8
C128	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.6/35.8
C129	4030006860	S.CER	C1608 JB 1H 102K-T	T	7.9/83.8
C130	4510008550	S.ELE	EEE1HA010SR	T	6.7/89.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.2/39.6
C132	4030007060	S.CER	C1608 CH 1H 270J-T	T	112.8/83.2
C133	4030009530	S.CER	C1608 CH 1H 030B-T	T	79.2/84.2
C134	4030009560	S.CER	C1608 CH 1H R75B-T	T	10.9/41.2
C135	4030009510	S.CER	C1608 CH 1H 010B-T	T	8.7/40.4
C136	4510008550	S.ELE	EEE1HA010SR	T	21.8/69.8
C137	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	35.5/25
C138	4030006850	S.CER	C1608 JB 1H 471K-T	T	33.6/24.2
C139	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/25.6
C140	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	13.7/17.8
C141	4030006950	S.CER	C1608 CH 1H 040C-T	T	26.5/13
C142	4030009510	S.CER	C1608 CH 1H 010B-T	T	28/13
C143	4030006950	S.CER	C1608 CH 1H 040C-T	T	28/10.1
C144	4030009520	S.CER	C1608 CH 1H 020B-T	T	33.6/12
C145	4030006940	S.CER	C1608 CH 1H 030C-T	T	35.8/12.8
C146	4030006860	S.CER	C1608 JB 1H 102K-T	T	90/90.2
C147	4030006860	S.CER	C1608 JB 1H 102K-T	T	92/89.9
C148	4030006860	S.CER	C1608 JB 1H 102K-T	T	109.5/79.4
C149	4030006850	S.CER	C1608 JB 1H 471K-T	T	96.8/79
C150	4030006850	S.CER	C1608 JB 1H 471K-T	T	93.1/80
C151	4030006860	S.CER	C1608 JB 1H 102K-T	T	132.5/82.3
C152	4030006860	S.CER	C1608 JB 1H 102K-T	T	117/96.4
C153	4030009520	S.CER	C1608 CH 1H 020B-T	T	122.7/88.3

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C154	4030009520	S.CER	C1608 CH 1H 020B-T	T	124.6/87.4
C155	4030009520	S.CER	C1608 CH 1H 020B-T	T	122.9/85.7
C156	4030007130	S.CER	C1608 CH 1H 101J-T	T	126/84.2
C157	4030007130	S.CER	C1608 CH 1H 101J-T	T	126/81.4
C158	4030006850	S.CER	C1608 JB 1H 471K-T	T	124.1/82.1
C159	4030006850	S.CER	C1608 JB 1H 471K-T	T	109.4/97
C160	4030006850	S.CER	C1608 JB 1H 471K-T	T	100.7/96.4
C161	4030006850	S.CER	C1608 JB 1H 471K-T	T	59.8/52.1
C162	4030006850	S.CER	C1608 JB 1H 471K-T	T	61.4/32.4
C163	4030006850	S.CER	C1608 JB 1H 471K-T	T	61.4/30.6
C164	4030006850	S.CER	C1608 JB 1H 471K-T	T	90.4/7.1
C165	4030006850	S.CER	C1608 JB 1H 471K-T	T	1.5/85.5
C166	4030007010	S.CER	C1608 CH 1H 100D-T	T	27.2/57.1
C167	4030007010	S.CER	C1608 CH 1H 100D-T	T	26.4/59.3
C168	4030007030	S.CER	C1608 CH 1H 150J-T	T	25/59.7
C171	4030009920	S.CER	C1608 CH 1H 050B-T	T	99/22.4
C172	4030009920	S.CER	C1608 CH 1H 050B-T	T	95.8/43.9
C173	4030007130	S.CER	C1608 CH 1H 101J-T	T	94/62.8
C174	4030009920	S.CER	C1608 CH 1H 050B-T	T	100.3/84.8
RL1	6330000810	RLY	ARK115		
RL2	6330000810	RLY	ARK115		
CP1	6910009670	S.CHK	HK3-S-T	T	1.8/21.9
J1	6510007020	CNR	TMP-J01X-V6		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510019761	S.CNR	52610-1571 (1590)	T	41.4/95.8
J4	6510007020	CNR	TMP-J01X-V6		
EP71	6910012350	S.BEA	MMZ1608Y 102BT	T	34.5/90.6
EP72	6910012350	S.BEA	MMZ1608Y 102BT	T	35.8/90.6
EP73	6910012350	S.BEA	MMZ1608Y 102BT	T	37.1/90.6
EP74	6910012350	S.BEA	MMZ1608Y 102BT	T	38.4/90.6
EP75	6910012350	S.BEA	MMZ1608Y 102BT	T	49/87
EP76	6910012350	S.BEA	MMZ1608Y 102BT	T	49/88.3
EP77	6910012350	S.BEA	MMZ1608Y 102BT	T	49/89.6
EP78	6910012350	S.BEA	MMZ1608Y 102BT	T	49/90.9

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006970	S.IC	MAALSS0038TR	T	65.6/10
IC2	6910010230	S.IC	5MXF25-7 [OTH-02]	T	65/41.7
	6910010231	S.IC	5MXF25-7-LF CONV [EUR-01], [CHN]	T	65/41.7
IC3	1110006420	S.IC	uPC2708TB-E3-A	T	58.4/27
IC4	1140006720	S.IC	LMX2316TMX/NOPB	T	16/45.7
IC6	1190002380	S.IC	MVE1017-42-J1803	T	27.7/26.7
IC7	1110006420	S.IC	uPC2708TB-E3-A	T	19.7/36.2
IC8	1110004610	S.IC	uPB1508GV-E1	T	17.8/60.3
IC9	1110006870	S.IC	uPC2709TB-E3	T	48/61.4
IC10	1130007700	S.IC	BU4094BCF-E2	T	14.4/14.5
IC11	1160000131	S.IC	TD62783AFG (5,S,EL)	T	27.3/9.2
Q2	1590001770	S.TR	XP1213 (TX)	T	66.9/51.6
Q3	1590001001	S.TR	RN2427 (TE85L,F)	T	42.5/12.6
Q4	1590000430	S.TR	DTC144EUA T106	T	44.3/6.8
Q5	1590001001	S.TR	RN2427 (TE85L,F)	T	28.1/18.3
Q6	1590000430	S.TR	DTC144EUA T106	T	24.5/18.6
Q7	1590001770	S.TR	XP1213 (TX)	T	38.9/13
Q10	1590001330	S.TR	DTA114EUA T106	T	42.5/9.4
Q11	1530003450	S.TR	2SC4835G R (TX)	T	76.5/67.4
Q12	1530003450	S.TR	2SC4835G R (TX)	T	44.6/72.9
Q13	1530002280	S.TR	2SC4081 T106 S	T	40.2/19.1
Q14	1590001001	S.TR	RN2427 (TE85L,F)	T	32.2/18.6
D1	1750000550	S.DIO	1SS355 TE-17	T	79.7/19.6
D3	1720000681	S.VCP	1SV262 (TPH2,F)	T	74.2/9.2
D4	1720000681	S.VCP	1SV262 (TPH2,F)	T	74.2/5.6
D5	1720000681	S.VCP	1SV262 (TPH2,F)	T	69.1/8.2
D6	1750000550	S.DIO	1SS355 TE-17	T	75/57.9
D7	1790000620	S.DIO	MA77 (TX)	T	80.9/69.2
D8	1790000620	S.DIO	MA77 (TX)	T	67.5/69.3
D9	1790000620	S.DIO	MA77 (TX)	T	49.1/73.8
D10	1790000620	S.DIO	MA77 (TX)	T	35.7/73.9
D11	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.1/56.9
D12	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.1/62.9
D13	1750000211	S.DIO	1SV237 (TE85R,F)	T	42.8/52.3
D14	1750000211	S.DIO	1SV237 (TE85R,F)	T	42.9/40.5
D15	1750000531	S.DIO	1SV271 (TPH3,F)	T	80.9/71.2
D16	1750000531	S.DIO	1SV271 (TPH3,F)	T	67.5/71.2
D17	1750000531	S.DIO	1SV271 (TPH3,F)	T	49.1/75.8
D18	1750000531	S.DIO	1SV271 (TPH3,F)	T	35.7/75.8
D19	1750000550	S.DIO	1SS355 TE-17	T	8.8/47.8
D20	1720000681	S.VCP	1SV262 (TPH2,F)	T	79.2/8.6
D21	1720000681	S.VCP	1SV262 (TPH2,F)	T	80.4/5.6
D22	1790000660	S.DIO	MA728 (TX)	T	40.2/21.4

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L2	6200005331	S.COL	LL1608-FSL6N8J	T	77.6/9.8
L3	6200006050	S.COL	LQP18MN6N8C02D	T	76/11.2
L4	6200006040	S.COL	LQP18MN5N6C02D	T	71.8/9.6
L5	6200005361	S.COL	LL1608-FSL12NJ	T	63.6/6.4
L6	6200001620	S.COL	ELJFC 1R0K-F	T	56.3/13.1
L10	6200005411	S.COL	LL1608-FSL33NJ	T	62/26
L11	6200003331	S.COL	NLV32T-1R0J	T	57.7/23.6
L12	6200005301	S.COL	LL1608-FSL3N9S	T	74.2/51
L16	6200001981	S.COL	NLV25T-1R0J	T	83.8/73.1
L17	6200001981	S.COL	NLV25T-1R0J	T	71/79.8
L18	6200001981	S.COL	NLV25T-1R0J	T	71.5/67.3
L19	6200001981	S.COL	NLV25T-1R0J	T	64.5/70.4
L20	6200001981	S.COL	NLV25T-1R0J	T	53.1/75.5
L21	6200001981	S.COL	NLV25T-1R0J	T	52/78.3
L22	6200001981	S.COL	NLV25T-1R0J	T	39.7/71.9
L23	6200001981	S.COL	NLV25T-1R0J	T	32.7/74.9
L24	6200003550	S.COL	MLF1608A 4R7K-T	T	9.2/44.3
L25	6200001620	S.COL	ELJFC 1R0K-F	T	22.8/53.1
L27	6200003331	S.COL	NLV32T-1R0J	T	36.8/18.9
L28	6200001620	S.COL	ELJFC 1R0K-F	T	25.9/37.7
L29	6200005341	S.COL	LL1608-FSL8N2J	T	25/45.6
L30	6200005351	S.COL	LL1608-FSL10NJ	T	25.8/42.3
L31	6200001770	S.COL	ELJNC 47NK-F	T	10.2/56.7
L32	6200001620	S.COL	ELJFC 1R0K-F	T	11.4/59.2
L36	6200001770	S.COL	ELJNC 47NK-F	T	9.3/61.9
L40	6200001770	S.COL	ELJNC 47NK-F	T	23.1/59.9
L41	6200001770	S.COL	ELJNC 47NK-F	T	47.5/57.4
L42	6200003331	S.COL	NLV32T-1R0J	T	42.9/57.4
L43	6200005361	S.COL	LL1608-FSL12NJ	T	46.8/50.4
L44	6200005381	S.COL	LL1608-FSL18NJ	T	46.8/47.2
L45	6200005381	S.COL	LL1608-FSL18NJ	T	46.8/44
L46	6200003331	S.COL	NLV32T-1R0J	T	50.3/43.8
L47	6200005331	S.COL	LL1608-FSL6N8J	T	38.6/50.2
L48	6200005341	S.COL	LL1608-FSL8N2J	T	38.6/47.2
L49	6200005341	S.COL	LL1608-FSL8N2J	T	38.6/44.2
L50	6200001770	S.COL	ELJNC 47NK-F	T	35.5/43.3
L52	6200001770	S.COL	ELJNC 47NK-F	T	22.8/39.1
L53	6200005361	S.COL	LL1608-FSL12NJ	T	57.6/5.6
L54	6200005361	S.COL	LL1608-FSL12NJ	T	53.2/5.6
L56	6200005351	S.COL	LL1608-FSL10NJ	T	68.2/10.2
L57	6200003251	S.COL	NLV32T-R39J	T	9/40.4
L58	6200005311	S.COL	LL1608-FSL4N7S	T	69.8/26
L59	6200003001	S.COL	NLV32T-R22J	T	20.4/23.6
L60	6170000230	COL	LW-25		
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	71/32.6
R2	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	78/5.6
R3	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	75.8/7.8
R4	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	71.7/6.9
R8	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	60.6/5.6
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	59/5.6
R11	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	65.2/26
R12	7030003210	S.RES	ERJ3GEYJ 120 V (12)	T	66/28.2
R13	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	66.8/26
R14	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	69.4/56
R15	7030000370	S.RES	MCR10EZHJ 820 (821)	T	83.8/75.3
R16	7030000340	S.RES	MCR10EZHJ 470 (471)	T	78.7/73.8
R17	7030000240	S.RES	MCR10EZHJ 68 (680)	T	74.5/75
R18	7030000290	S.RES	MCR10EZHJ 180 (181)	T	74.5/73
R19	7030000240	S.RES	MCR10EZHJ 68 (680)	T	71.8/73.9
R20	7030000340	S.RES	MCR10EZHJ 470 (471)	T	67/73.7
R21	7030000370	S.RES	MCR10EZHJ 820 (821)	T	64.6/73.9
R23	7030000370	S.RES	MCR10EZHJ 820 (821)	T	56.9/75.6
R24	7030000340	S.RES	MCR10EZHJ 470 (471)	T	46.9/78.4
R25	7030000270	S.RES	MCR10EZHJ 120 (121)	T	42.7/79.6
R26	7030000230	S.RES	MCR10EZHJ 56 (560)	T	42.7/77.6
R27	7030000270	S.RES	MCR10EZHJ 120 (121)	T	40/78.5
R28	7030000340	S.RES	MCR10EZHJ 470 (471)	T	35.2/78.3
R29	7030000370	S.RES	MCR10EZHJ 820 (821)	T	32.8/78.5
R30	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	48.5/67.8
R31	7410001090	S.ARY	EXB-V8V 101JV	T	66.9/60.1
R32	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	10.4/51.3
R34	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	12.2/39.9
R37	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	14/28
R38	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	40/23
R39	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	15.6/36
R40	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	16.4/37.9
R41	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	19.2/38.6
R42	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	25.8/41
R43	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.4/50.5
R44	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	25.7/54.6
R45	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	26.2/58.2
R46	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	13.4/56.1
R47	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	12.2/63.8
R48	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	35.2/60.4
R49	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	30.4/50.6
R50	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	45.2/40.4
R51	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	47.4/39.6
R52	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	47.4/41
R53	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	47.9/16.3
R54	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	47.8/8.6
R55	7310004790	S.TRI	EVM-3YSX50 B14 (103)	T	47.8/5.3
R56	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	43.8/4.2
R57	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	45.2/4.2
R58	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	43/54.6
R61	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	59.8/7.6

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

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R62	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	71.8/40.6
R64	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	37.9/6.1
R65	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	37.9/9.7
R66	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	70.9/11.8
R67	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	51/48.8
R68	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	35/46
R69	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	70.8/63
R70	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	42.6/63.4
R71	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	40.4/62.6
R72	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	38.2/63.4
R73	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	11.5/37.8
R74	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	12.2/25.8
R75	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	14.8/25.8
R76	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	54.6/29
R77	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	80/10.8
R78	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	27/54.6
R79	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	71.6/46.1
R100	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	17.1/41.3
R103	7030003860	S.RES	ERJ3GE JPW V	T	78.4/12
R104	7030003860	S.RES	ERJ3GE JPW V	T	80/13.4
R106	7030003860	S.RES	ERJ3GE JPW V	T	69.6/11.8
R107	7030003860	S.RES	ERJ3GE JPW V	T	88.8/69.6
R108	7030003860	S.RES	ERJ3GE JPW V	T	86/69.8
R109	7030003860	S.RES	ERJ3GE JPW V	T	78.6/68.4
C1	4030006850	S.CER	C1608 JB 1H 471K-T	T	79.8/18.1
C2	4030009530	S.CER	C1608 CH 1H 030B-T	T	83/13.4
C6	4030009530	S.CER	C1608 CH 1H 030B-T	T	76.8/13.4
C8	4030009520	S.CER	C1608 CH 1H 020B-T	T	73.8/12.6
C9	4030006850	S.CER	C1608 JB 1H 471K-T	T	69.2/6.6
C11	4030007130	S.CER	C1608 CH 1H 101J-T	T	67.4/12.6
C14	4030007010	S.CER	C1608 CH 1H 100D-T	T	61.4/8.8
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.2/7.2
C17	4030007130	S.CER	C1608 CH 1H 101J-T	T	66.2/5.9
C18	4030008560	S.CER	C1608 CH 1H 300J-T	T	54/22.6
C21	4030006850	S.CER	C1608 JB 1H 471K-T	T	55.4/26.8
C24	4030007130	S.CER	C1608 CH 1H 101J-T	T	63/28.2
C25	4030006990	S.CER	C1608 CH 1H 080D-T	T	60.6/22.6
C26	4030007130	S.CER	C1608 CH 1H 101J-T	T	61.9/22.6
C27	4030009530	S.CER	C1608 CH 1H 030B-T	T	73.4/53.2
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	74.2/55.6
C34	4030006860	S.CER	C1608 JB 1H 102K-T	T	84.2/71.2
C36	4030006860	S.CER	C1608 JB 1H 102K-T	T	77.8/71.2
C37	4030006860	S.CER	C1608 JB 1H 102K-T	T	69.4/72.8
C38	4030006860	S.CER	C1608 JB 1H 102K-T	T	80.6/75.4
C39	4030006860	S.CER	C1608 JB 1H 102K-T	T	69.4/74.2
C40	4030007130	S.CER	C1608 CH 1H 101J-T	T	65.2/79.8
C41	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.6/79.8
C42	4030007130	S.CER	C1608 CH 1H 101J-T	T	68/67.7
C43	4030006860	S.CER	C1608 JB 1H 102K-T	T	68/66.4
C44	4030006860	S.CER	C1608 JB 1H 102K-T	T	53/73.6
C45	4030006860	S.CER	C1608 JB 1H 102K-T	T	46/75.8
C46	4030006860	S.CER	C1608 JB 1H 102K-T	T	37.6/77.4
C47	4030006860	S.CER	C1608 JB 1H 102K-T	T	48.8/80
C48	4030007130	S.CER	C1608 CH 1H 101J-T	T	37.6/78.8
C49	4030007130	S.CER	C1608 CH 1H 101J-T	T	54.4/79.2
C50	4030006860	S.CER	C1608 JB 1H 102K-T	T	55.8/79.2
C51	4030007130	S.CER	C1608 CH 1H 101J-T	T	36.2/72.3
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	36.2/71
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	33.8/71.8
C54	4030008920	S.CER	C1608 JB 1H 473K-T	T	11.2/49.4
C55	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.2/45.6
C56	4030008920	S.CER	C1608 JB 1H 473K-T	T	10.4/47.5
C57	4030008920	S.CER	C1608 JB 1H 473K-T	T	40.2/3.8
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	41.6/3.8
C60	4550006270	S.TAN	TEESVP 1A 105M8R	T	25.8/49.2
C61	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.6/50.1
C62	4030011600	S.CER	C1608 JB 1E 104K-T	T	14.2/52.9
C63	4030006850	S.CER	C1608 JB 1H 471K-T	T	12.9/54.8
C64	4550006270	S.TAN	TEESVP 1A 105M8R	T	8.8/51.1
C66	4030006900	S.CER	C1608 JB 1H 103K-T	T	14/29.4
C67	4550000530	S.TAN	TEESVA 1V 104M8R	T	18/28.4
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	36.4/22.6
C70	4030007090	S.CER	C1608 CH 1H 470J-T	T	37.8/22.6
C71	4510009140	S.ELE	EEE1AA330SR	T	38.6/28.2
C74	4030006850	S.CER	C1608 JB 1H 471K-T	T	17.2/36
C75	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.9/41
C76	4030009530	S.CER	C1608 CH 1H 030B-T	T	25.8/43.6
C77	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	26.6/45.6
C78	4030009530	S.CER	C1608 CH 1H 030B-T	T	25.8/47.7
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	20.7/50.5
C80	4030006850	S.CER	C1608 JB 1H 471K-T	T	26.2/56.9
C81	4030006850	S.CER	C1608 JB 1H 471K-T	T	16.4/56.1
C82	4030006850	S.CER	C1608 JB 1H 471K-T	T	9.2/54.8
C83	4030007090	S.CER	C1608 CH 1H 470J-T	T	9.2/53.5
C84	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.2/55.3
C85	4030007090	S.CER	C1608 CH 1H 470J-T	T	14.1/60.7
C86	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.1/58
C87	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.1/63.4
C93	4030006850	S.CER	C1608 JB 1H 471K-T	T	12.2/62.5
C94	4030007090	S.CER	C1608 CH 1H 470J-T	T	12.2/61.2
C100	4030006850	S.CER	C1608 JB 1H 471K-T	T	37.4/61.2
C101	4030006850	S.CER	C1608 JB 1H 471K-T	T	26.8/61
C102	4030007090	S.CER	C1608 CH 1H 470J-T	T	31.2/57.6
C103	4030006850	S.CER	C1608 JB 1H 471K-T	T	46.2/54.6
C104	4030006850	S.CER	C1608 JB 1H 471K-T	T	45.6/60.4

[CONV-B UNIT]

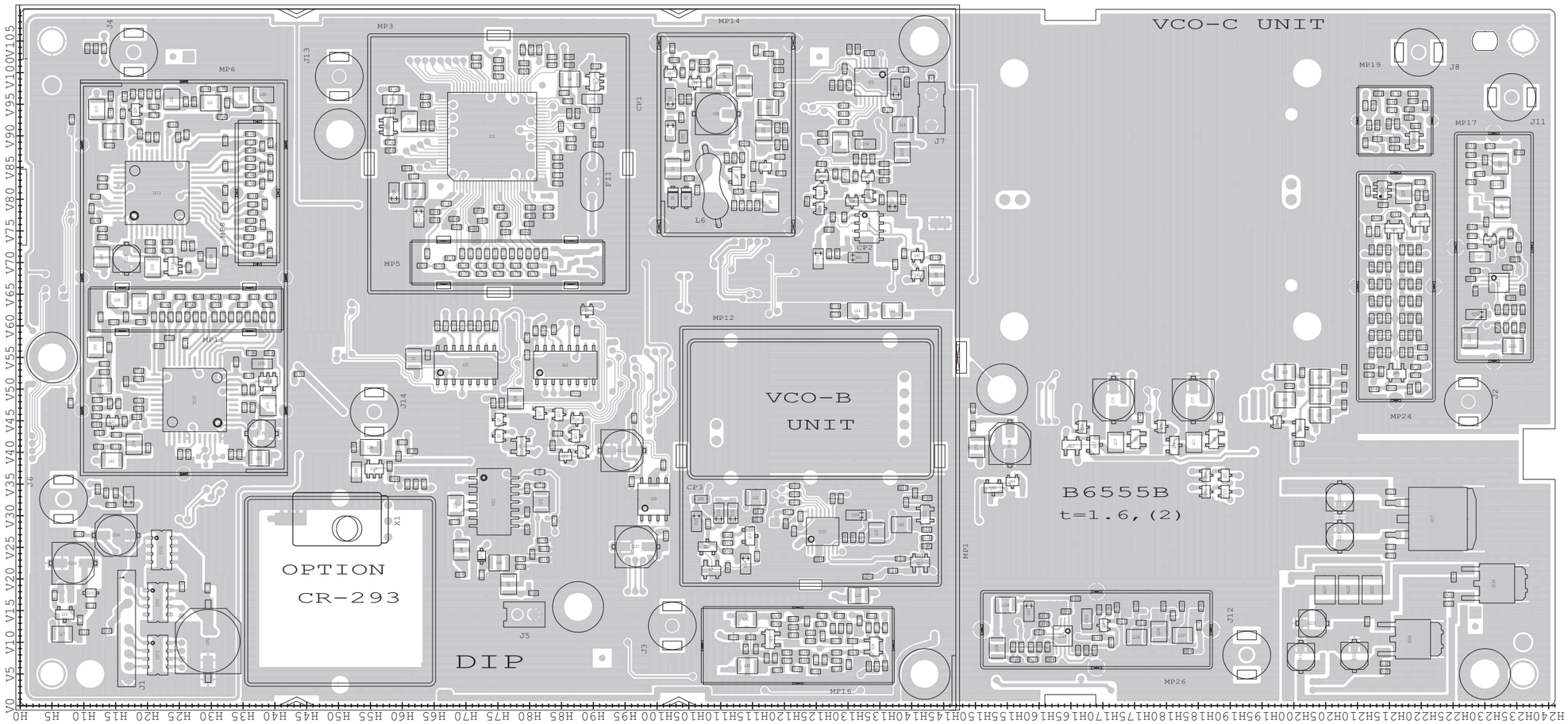
REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C105	4030007090	S.CER	C1608 CH 1H 470J-T	T	44.2/60.4
C107	4030006860	S.CER	C1608 JB 1H 102K-T	T	8.1/68.2
C108	4030006860	S.CER	C1608 JB 1H 102K-T	T	17/71.4
C109	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.4/83.2
C111	4030011600	S.CER	C1608 JB 1E 104K-T	T	19.8/3.1
C112	4030011600	S.CER	C1608 JB 1E 104K-T	T	7.4/16.4
C113	4030007090	S.CER	C1608 CH 1H 470J-T	T	23.1/37.2
C114	4030006860	S.CER	C1608 JB 1H 102K-T	T	23.1/35.9
C115	4030006990	S.CER	C1608 CH 1H 080D-T	T	44.6/49.4
C117	4030006970	S.CER	C1608 CH 1H 060D-T	T	44/47.2
C119	4030009530	S.CER	C1608 CH 1H 030B-T	T	44/44
C120	4030007090	S.CER	C1608 CH 1H 470J-T	T	51/46
C121	4030006850	S.CER	C1608 JB 1H 471K-T	T	51/47.4
C122	4030006950	S.CER	C1608 CH 1H 040C-T	T	40.8/49.4
C124	4030009530	S.CER	C1608 CH 1H 030B-T	T	41.6/47.2
C125	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	40/44.2
C126	4030009520	S.CER	C1608 CH 1H 020B-T	T	41.6/44.2
C127	4030007090	S.CER	C1608 CH 1H 470J-T	T	34.4/40.4
C128	4030006850	S.CER	C1608 JB 1H 471K-T	T	35.7/40.4
C129	4030006850	S.CER	C1608 JB 1H 471K-T	T	50.4/39.6
C130	4030009530	S.CER	C1608 CH 1H 030B-T	T	72.2/11.8
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.4/67.2
C132	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.6/71.8
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	17.5/23.8
C136	4030006850	S.CER	C1608 JB 1H 471K-T	T	82.8/19.6
C137	4030006960	S.CER	C1608 CH 1H 050C-T	T	58.2/8.8
C138	4030007010	S.CER	C1608 CH 1H 100D-T	T	56.2/6.8
C139	4030009520	S.CER	C1608 CH 1H 020B-T	T	55.4/8.8
C140	4030007010	S.CER	C1608 CH 1H 100D-T	T	53.2/9.6
C141	4030006950	S.CER	C1608 CH 1H 040C-T	T	54.6/6.8
C142	4030006960	S.CER	C1608 CH 1H 050C-T	T	46.2/52.6
C143	4030009520	S.CER	C1608 CH 1H 020B-T	T	48.2/50.4
C144	4030006850	S.CER	C1608 JB 1H 471K-T	T	44.8/62.6
C145	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.8/37.8
C146	4030006880	S.CER	C1608 JB 1H 472K-T	T	14/32.1
C147	4030011600	S.CER	C1608 JB 1E 104K-T	T	13.5/25.8
C148	4550000460	S.TAN	TEESVA 1C 105M8R	T	18/26.2
C149	4030007010	S.CER	C1608 CH 1H 100D-T	T	53.8/26.8
C150	4030006850	S.CER	C1608 JB 1H 471K-T	T	73.8/30.2
C152	4030006850	S.CER	C1608 JB 1H 471K-T	T	55.8/10.6
C154	4030006850	S.CER	C1608 JB 1H 471K-T	T	66.2/4.6
C155	4530000400	S.ARY	EZANCE 220M 22P	T	11.6/71.5
C156	4530000400	S.ARY	EZANCE 220M 22P	T	11.6/80
C163	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.4/41.3
C164	4030007140	S.CER	C1608 CH 1H 121J-T	T	9/37
C165	4030007140	S.CER	C1608 CH 1H 121J-T	T	9.2/43
C166	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.7/41.2
C167	4030007050	S.CER	C1608 CH 1H 220J-T	T	14.1/39
C168	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	40/47.2
C169	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	45.4/47.2
C170	4030009520	S.CER	C1608 CH 1H 020B-T	T	69/28.2
C171	4030006860	S.CER	C1608 JB 1H 102K-T	T	63.2/22.6
C172	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.9/60.4
C173	4030007010	S.CER	C1608 CH 1H 100D-T	T	19.2/56.6
C174	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.9/42.7
C175	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.3/50.7
C176	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.3/52
C177	4030011600	S.CER	C1608 JB 1E 104K-T	T	15.5/52.9
RL1	6330000810	RLY	ARK115		
RL2	6330000810	RLY	ARK115		
CP1	6910009670	S.CHK	HK3-S-T	T	13.7/23.3
CP2	6910009670	S.CHK	HK3-S-T	T	44.4/2
J1	6510019141	S.CNR	52610-1071 (1090)	T	4/74.6
J2	6510007020	CNR	TMP-J01X-V6		
WS1	8970022420	CBL	RX1768 COAXIAL TUBE (1)/CON		

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

BOARD LAYOUTS

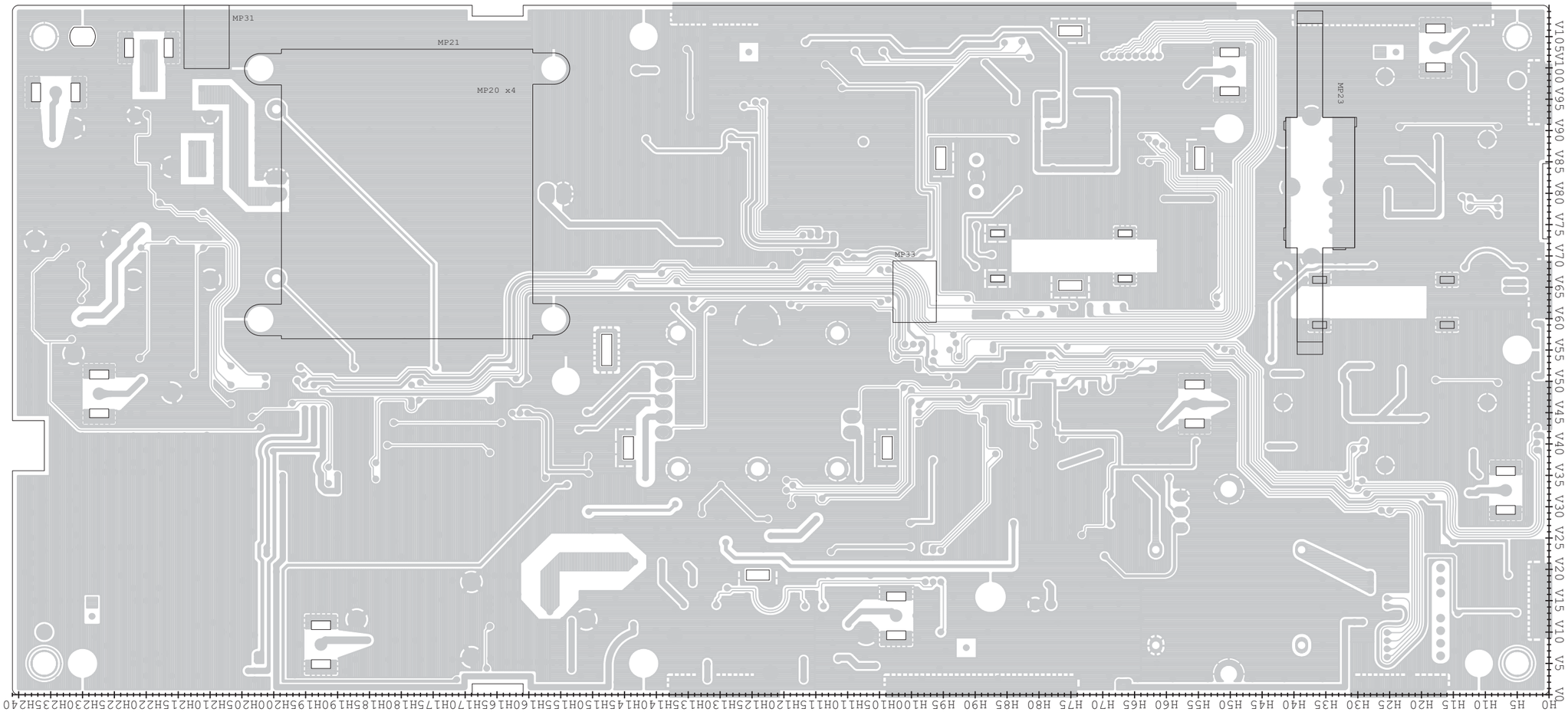
The combination of top side and bottom side of this page shows the actual configuration of P.C. board.

• PLL-B UNIT (TOP VIEW)



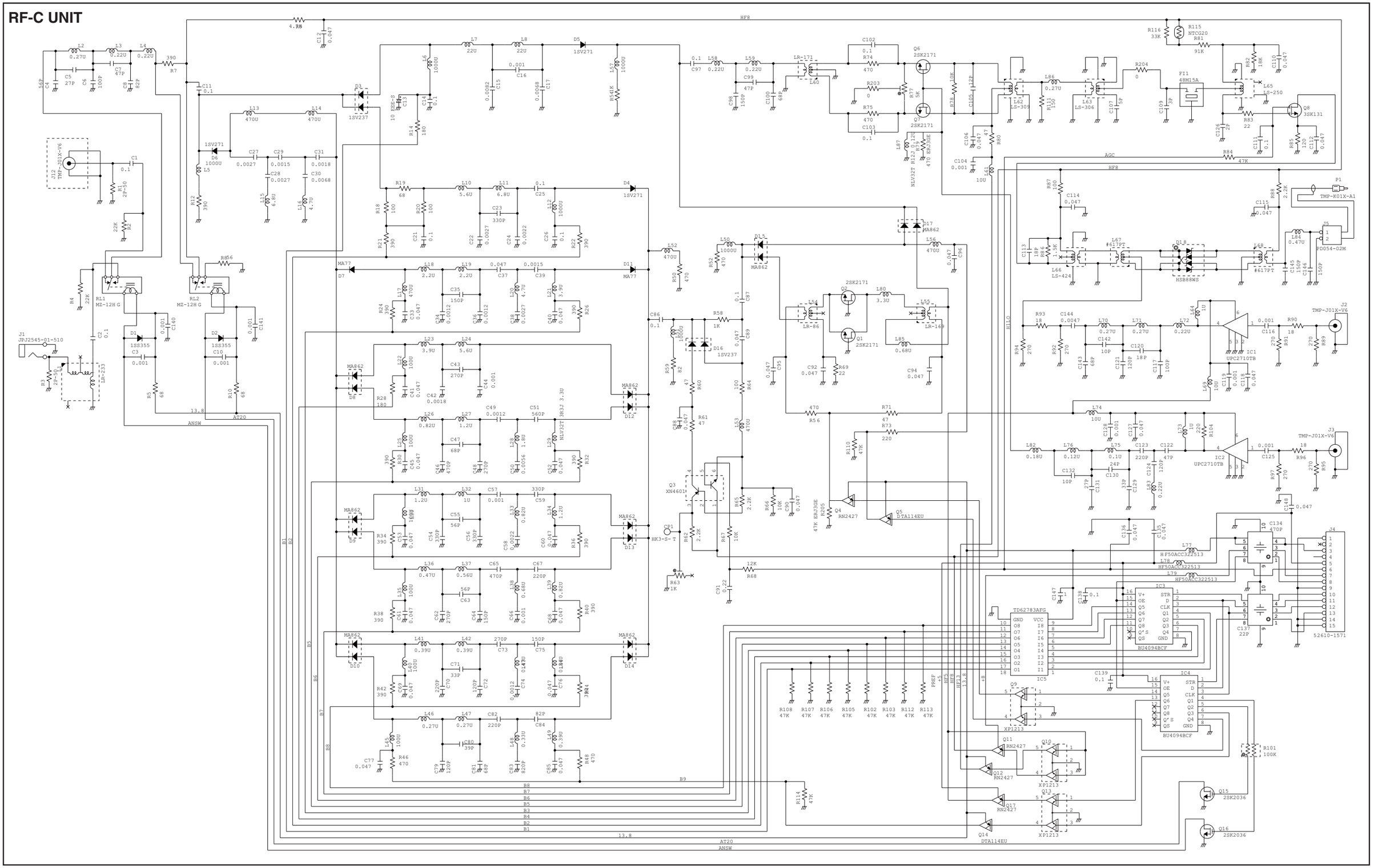
The combination of top side and bottom side of this page shows the actual configuration of P.C. board.

• PLL-B UNIT (BOTTOM VIEW)

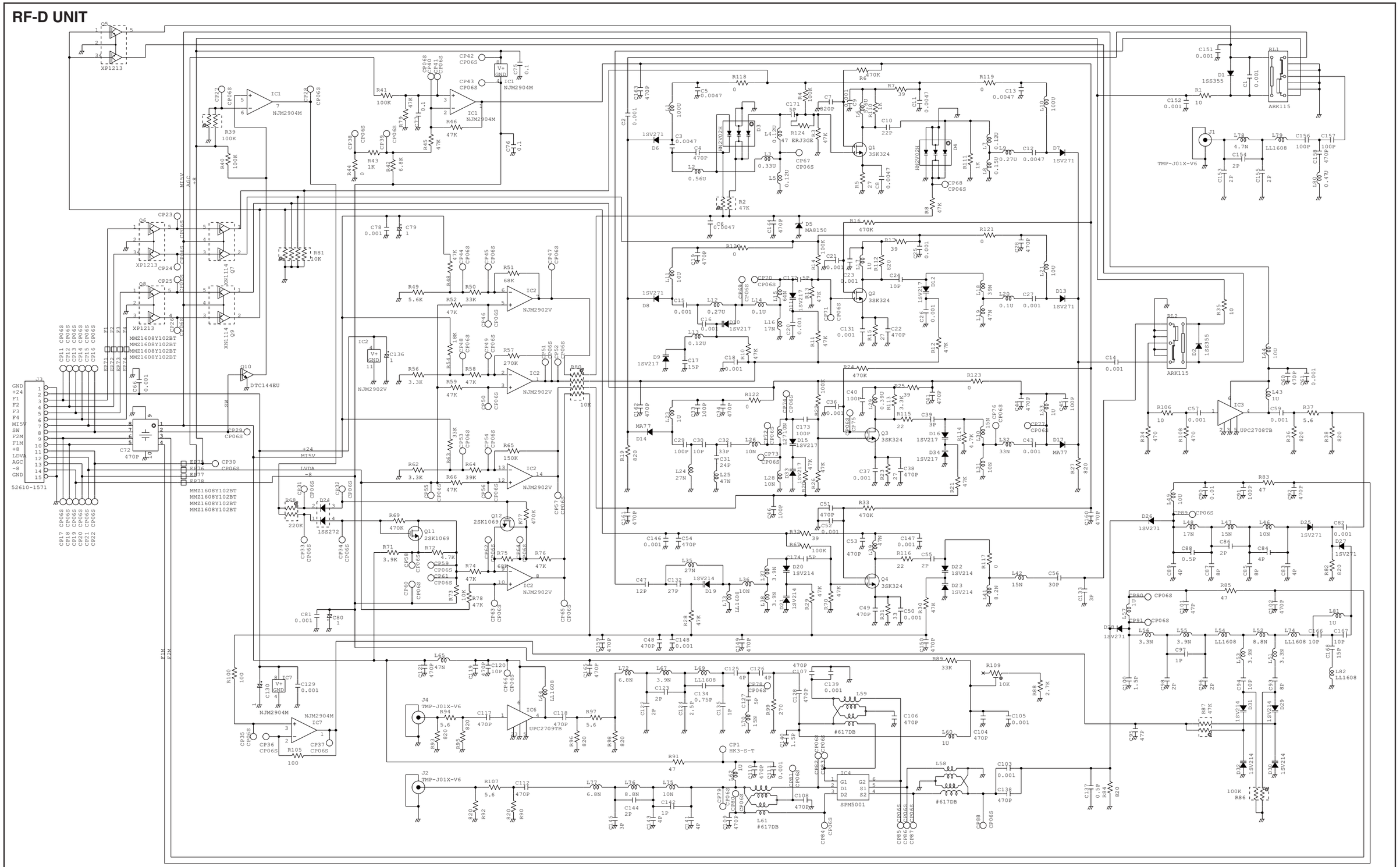


VOLTAGE DIAGRAM

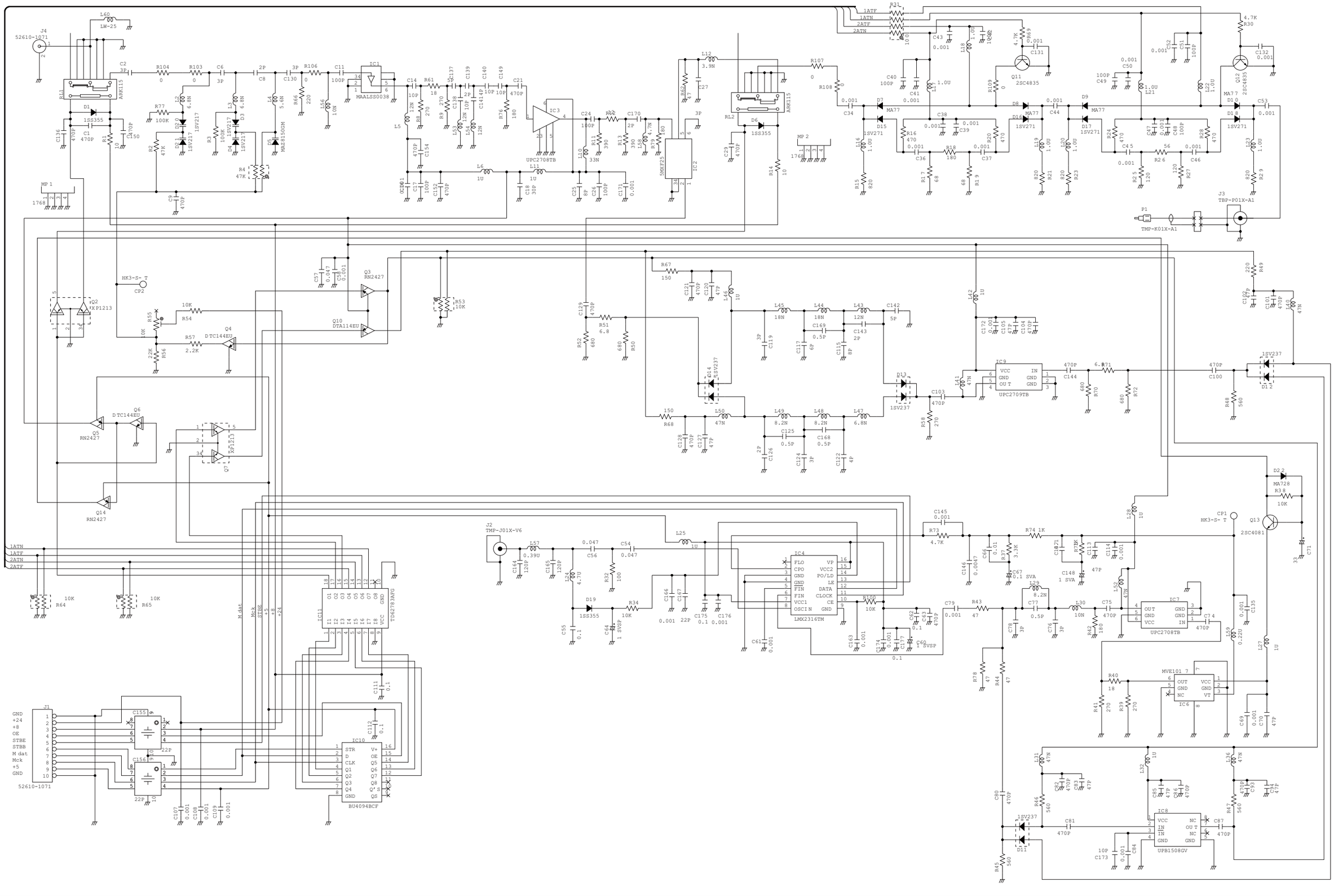
RF-C UNIT

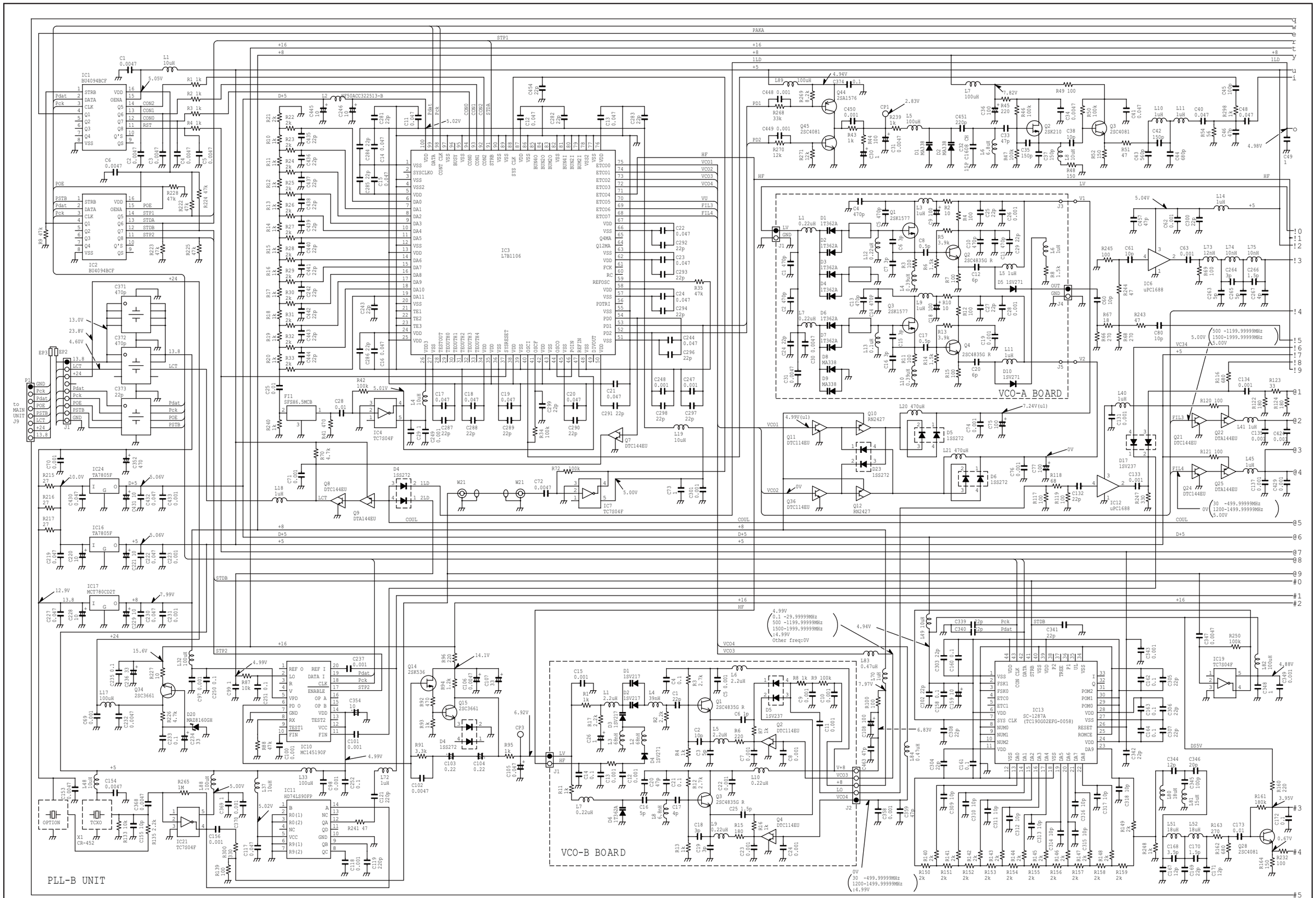


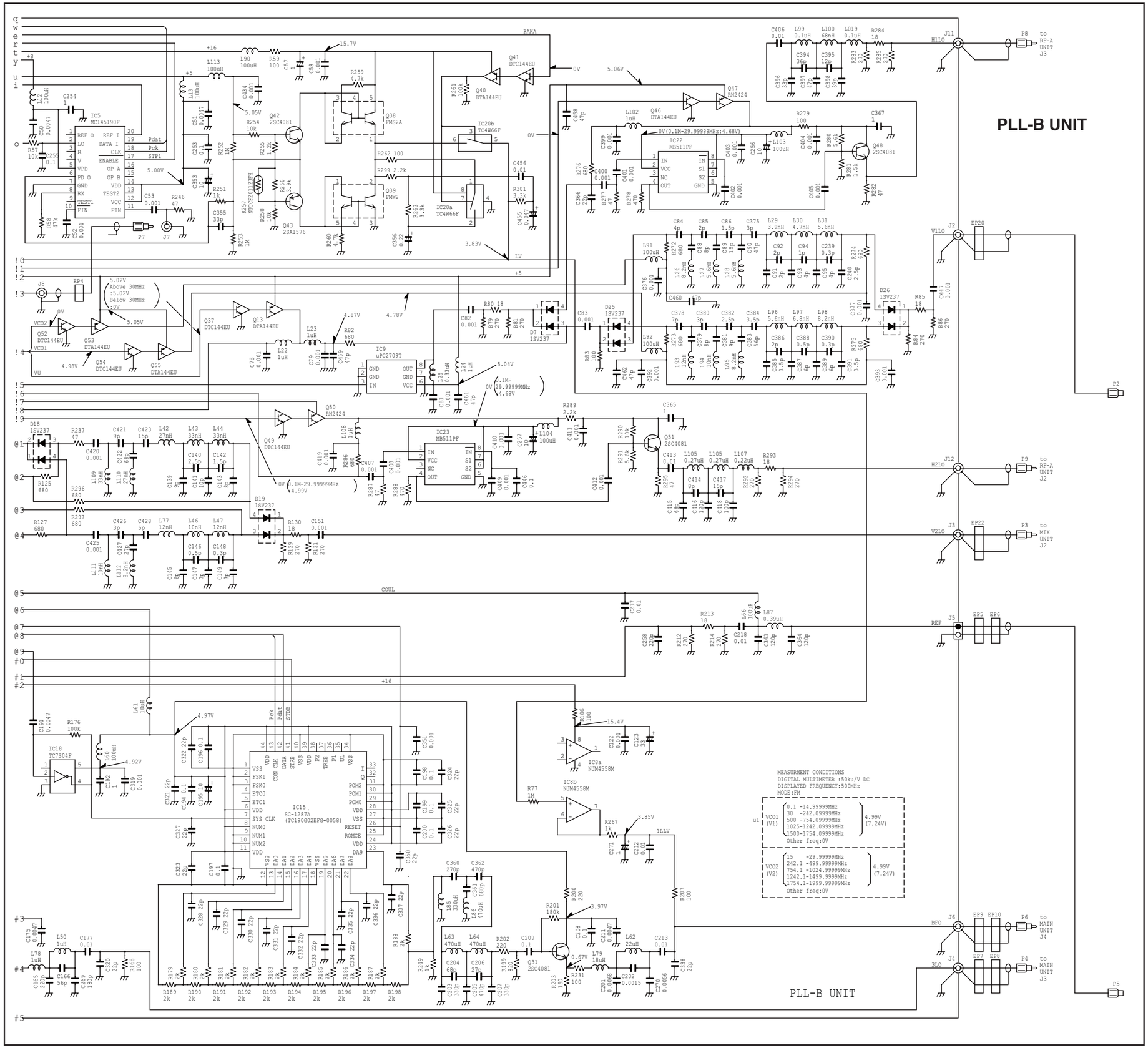
RF-D UNIT

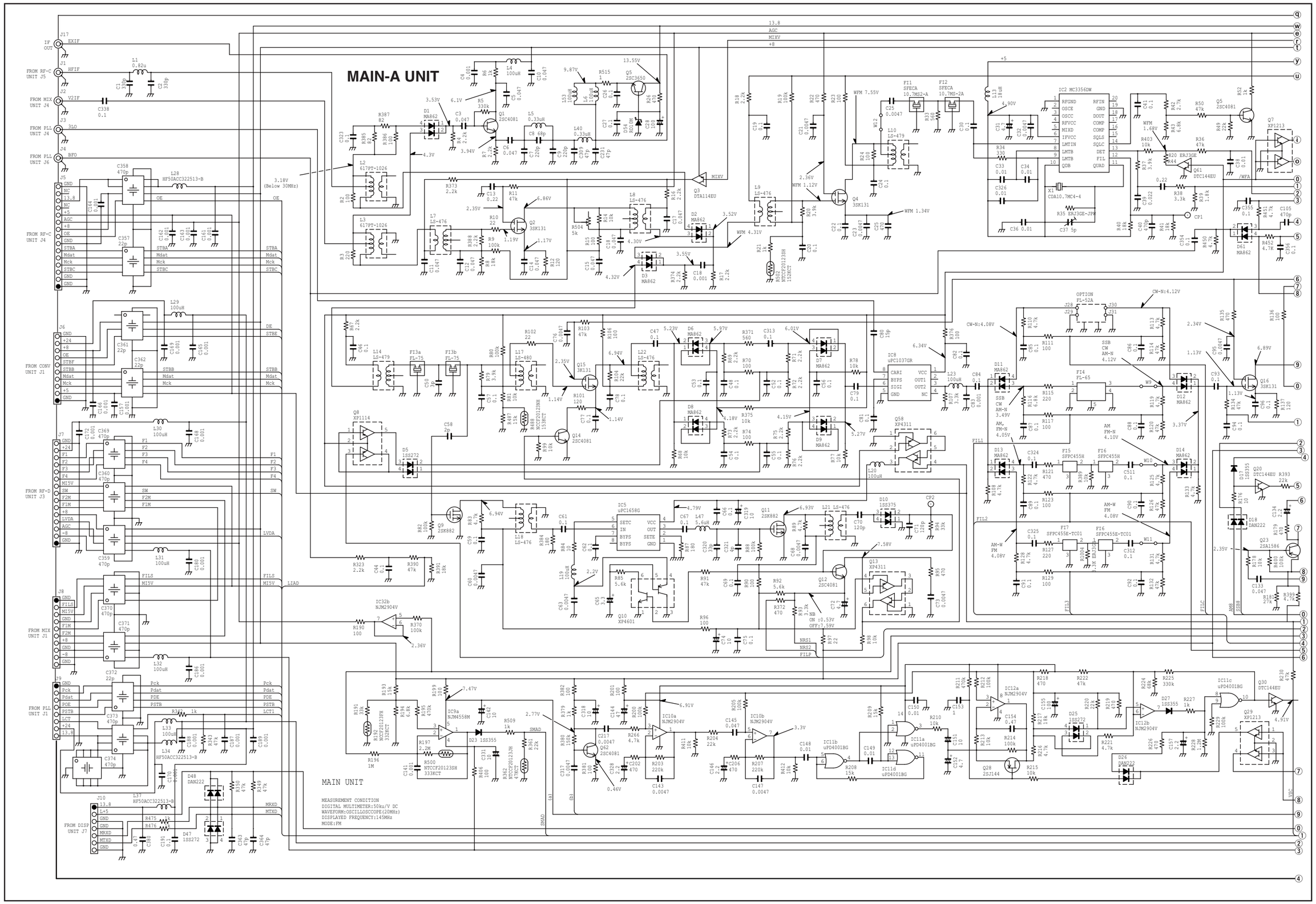

XP1213
NJM2904M
IC1
IC2
R39 100K
R40 100K
R41 100K
R42 6.8K
R43 1K
R44 0
R45 47K
R46 47K
R47 47K
R48 47K
R49 5.6K
R50
R51 68K
R52 33K
R53 47K
R54 18K
R55 33K
R56 3.3K
R57 270K
R58
R59 47K
R60 150K
R61 3.3K
R62 3.3K
R63
R64
R65 150K
R66 39K
R67 47K
R68 220K
R69 470K
R71 3.9K
R72 4.7K
R73 1K
R74 47K
R75 68K
R76 47K
R77 470K
R78 47K
R81 10K
R82 10K
R83 10K
R84 10K
R85 10K
R86 10K
R87 10K
R88 10K
R89 10K
R90 10K
R91 10K
R92 10K
R93 10K
R94 10K
R95 10K
R96 10K
R97 10K
R98 10K
R99 10K
R100 10K
R101 10K
R102 10K
R103 10K
R104 10K
R105 100
R106 10
R107 5.6
R108 470
R109 10K
R110 10K
R111 1K
R112 820
R114 4.7K
R115 22
R116 22
R117 0
R118 0
R119 0
R120 0
R121 0
R122 0
R123 0
R124 47 ERJ3GE
R125 39
R126 3.3K
R127 820
R128 47K
R129 47K
R130 47K
R131 47K
R132 39
R133 470K
C1 0.001
C2 0.001
C3 0.0047
C4 470P
C5 0.0047
C6 0.0047
C7 0.0047
C8 0.0047
C9 470P
C10 22P
C11 0.0047
C12 0.0047
C13 0.0047
C14 0.001
C15 0.001
C16 0.001
C17 15P
C18 0.001
C19 470P
C20 1U
C21 0.001
C22 470P
C23 0.001
C24 10P
C25 0.001
C26 0.001
C27 0.1U
C28 470P
C29 100P
C30 10P
C31 24P
C32 33P
C33 0.001
C34 0.001
C35 0.001
C36 0.001
C37 0.001
C38 470P
C39 3P
C40 100
C41 470P
C42 470P
C43 0.001
C44 470P
C45 100P
C46 470P
C47 12P
C48 470P
C49 470P
C50 0.001
C51 470P
C52 0.001
C53 470P
C54 470P
C55 2P
C56 30P
C57 100P
C58 470P
C59 1U
C60 470P
C61 470P
C62 470P
C63 470P
C64 470P
C65 470P
C66 470P
C67 470P
C68 470P
C69 470P
C70 470P
C71 0.1
C72 470P
C73 470P
C74 470P
C75 0.1
C76 0.1
C77 470P
C78 0.001
C79 1
C80 1
C81 0.001
C82 0.001
C83 4P
C84 4P
C85 8P
C86 2P
C87 8P
C88 0.5P
C89 4P
C90 0.01
C91 100P
C92 470P
C93 8P
C94 10P
C95 47P
C96 470P
C97 1P
C98 2P
C99 1.5P
C100 47P
C101 47P
C102 470P
C103 0.001
C104 470P
C105 0.001
C106 470P
C107 470P
C108 470P
C109 470P
C110 470P
C111 0.001
C112 470P
C113 3P
C114 470P
C115 470P
C116 470P
C117 470P
C118 470P
C119 10P
C120 10P
C121 47P
C122 2P
C123 2P
C124 2.5P
C125 4P
C126 4P
C127 5P
C128 470P
C129 0.001
C130 1
C131 0.001
C132 27P
C133 3P
C134 0.75P
C135 1P
C136 1
C137 0.5P
C138 470P
C139 0.001
C140 470P
C141 0.001
C142 1P
C143 4P
C144 2P
C145 3P
C146 0.001
C147 0.001
C148 0.001
C149 470P
C150 470P
C151 0.001
C152 0.001
C153 2P
C154 2P
C155 2P
C156 100P
C157 100P
C158 470P
C159 470P
C160 470P
C161 470P
C162 470P
C163 470P
C164 470P
C165 470P
C166 10P
C167 15P
C171 5P
C172 5P
C173 100P
C174 15P
L1 100U
L2 0.56U
L3 0.33U
L4 0.47U
L5 0.12U
L6 0.56U
L7 0.12U
L8 0.15U
L9 0.27U
L10 100U
L11 10U
L12 0.27U
L13 0.12U
L14 0.1U
L15 64N
L16 17N
L17 64N
L18 39N
L19 47N
L20 0.1U
L21 10U
L22 1U
L23 1U
L24 27N
L25 47N
L26 10N
L27 10N
L28 10N
L29 0.39U
L30 3.3K
L31 15N
L32 33N
L33 1U
L34 100U
L35 27N
L36 10N
L37 3.9N
L38 3.9N
L39 4.7N
L40 100
L41 8.2N
L42 15N
L43 1U
L44 100U
L45 100P
L46 10N
L47 15N
L48 17N
L49 470P
L50 470P
L51 3.3N
L52 8.8N
L53 3.9N
L54 LL1608
L55 3.9N
L56 3.3N
L57 1U
L58 #617DB
L59 #617DB
L60 1U
L61 #617DB
L62 1U
L63 1U
L64 LL1608
L65 47N
L66 LL1608
L67 3.9N
L68 LL1608
L69 LL1608
L70 13N
L71 LL1608
L72 LL1608
L73 LL1608
L74 LL1608
L75 LL1608
L76 8.8N
L77 6.8N
L78 LL1608
L79 LL1608
L80 0.47U
L81 1U
L82 LL1608
L83 LL1608
L84 LL1608
L85 LL1608
L86 LL1608
L87 LL1608
L88 LL1608
D1 1SS355
D2 1SS355
D3 HN2V02H
D4 HN2V02H
D5 MA8150
D6 1SV271
D7 1SV271
D8 1SV271
D9 1SV217
D10 1SV217
D11 1SV217
D12 1SV217
D13 1SV271
D14 MA77
D15 1SV217
D16 1SV217
D17 MA77
D18 1SV217
D19 1SV214
D20 1SV214
D21 1SV214
D22 1SV214
D23 1SV214
D24 1SS272
D25 1SV271
D26 1SV271
D27 1SV271
D28 1SV271
D29 1SV214
D30 1SV214
D31 1SV214
D32 1SV214
D33 1SV217
D34 1SV217
Q1 3SK324
Q2 3SK324
Q3 3SK324
Q4 3SK324
Q5 XP1213
Q6 XP1213
Q7 XN1114
Q8 XP1213
Q9 XN1114
Q10 DTC144EU
Q11 2SK1069
Q12 2SK1069
IC1 NJM2904M
IC2 NJM2902V
IC3 UPC2708TB
IC4 SPM5001
IC6 UPC2709TB
IC7 NJM2904M
RL1 ARK115
RL2 ARK115
J1 TMP-J01X-V6
J2 TMP-J01X-V6
J3 52610-1571
J4 TMP-J01X-V6
MMZ1608Y102BT
CP1 HK3-S-T
CP06S
MT5V
AGC
+8
+24
LVDA
-8
SW
F1M
F2M
F3M
F4M

CONV-B UNIT

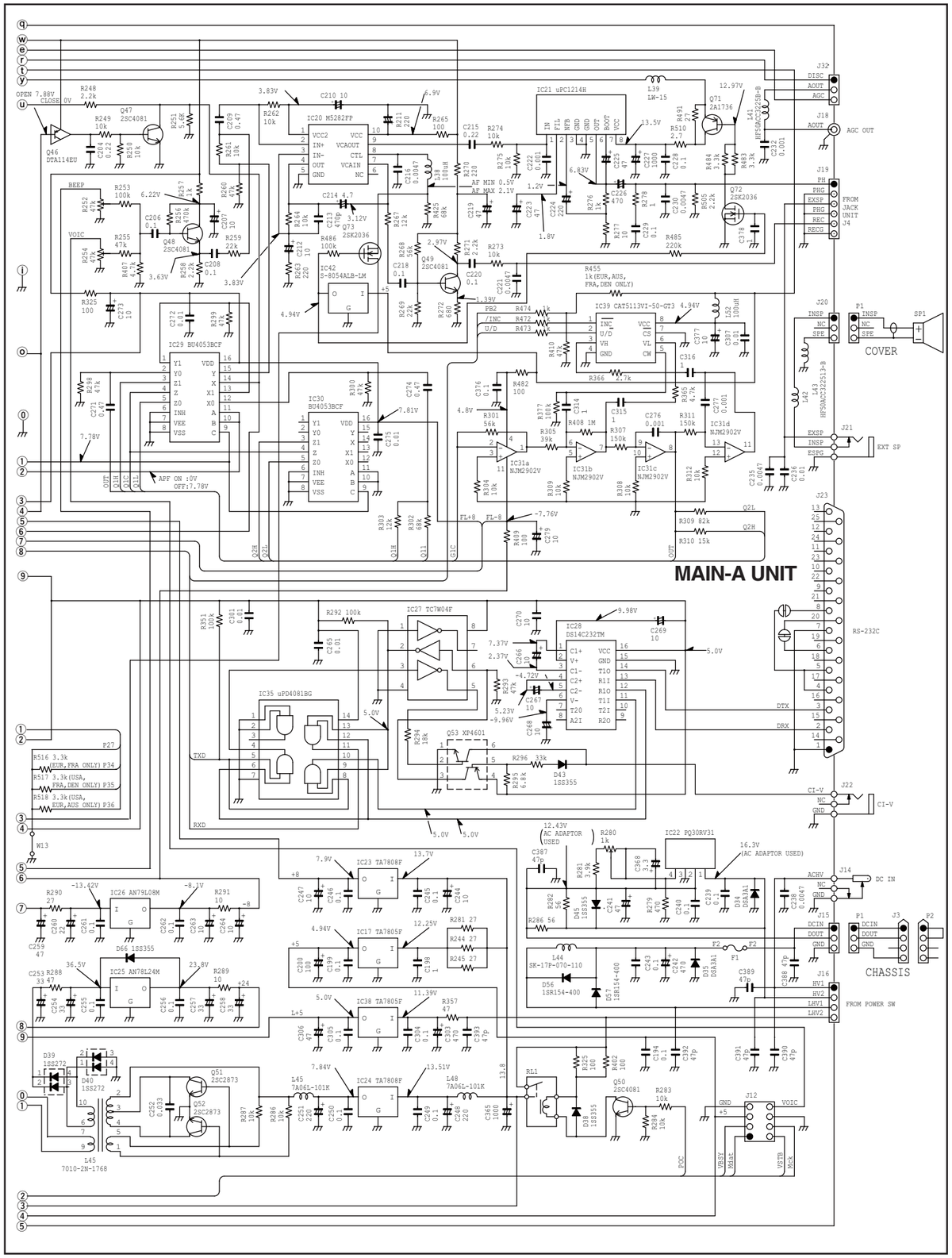

J4
52610-1071
ARK115
1SS355
MP 1
MP 2
1ATF
1ATN
2ATF
2ATN
UPC2708TB
SMKF25
ARK115
MA77
1SV271
2SC4835
TMP-K01X-A1
TBP-P01X-A1
HK3-S- T
CP2
XP1213
RN2427
DTC144EU
DTA114EU
1SV237
UPC2709TB
MAALSS0038
TD62783AFG
BU4094BCF
J1
52610-1071
J2
TMP-J01X-V6
LMX2316TM
UPC2708TB
UPB1508GV
MVE101
MA728
2SC4081
CP1
HK3-S- T
M dat
Mck
STBE
+5
+24
GND
OE
STBB

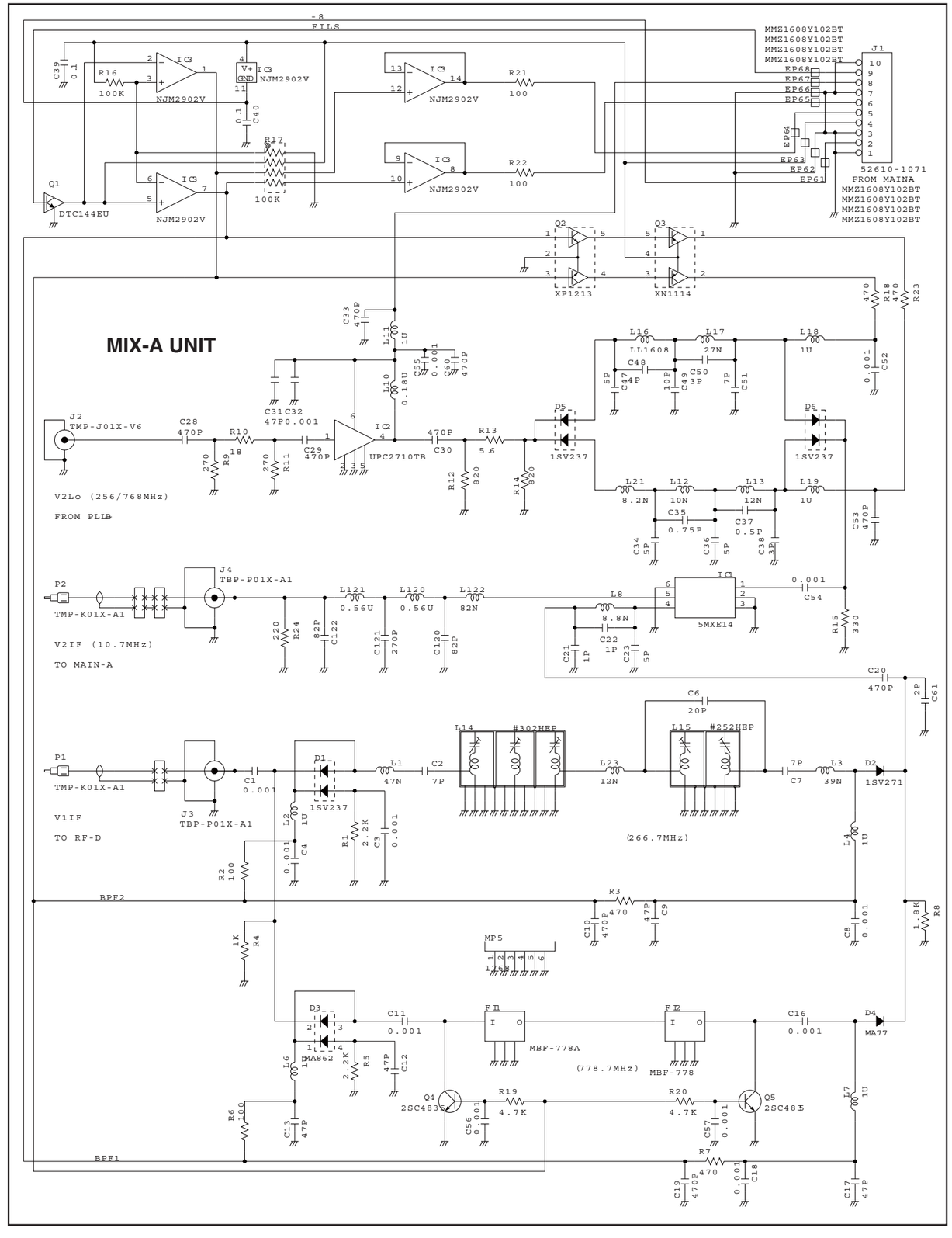

PLL-B UNIT
VCO-B BOARD
VCO-A BOARD
to MAIN UNIT J9
IC3 L7B1106
IC13 SC-1287A (TC190G02EFG-0058)
IC10 MC145190F
IC11 HD74LS90FP
IC1 BU4094BCF
IC2 BU4094BCF
IC24 TA7805F
IC16 TA7805F
IC17 MC7780CD2T
IC6 uPC1688
IC12 uPC1688
IC19 TC7S04F
IC7 TC7S04F
IC4 TC7S04F
IC21 TC7S04F
X1 CR-452
OPTION
TCXO


PLL-B UNIT
MEASURMENT CONDITIONS
DIGITAL MULTIMETER :50ku/V DC
DISPLAYED FREQUENCY:500MHz
MODE:FM
VCO1 (V1)
0.1 -14.99999MHz
30 -242.09999MHz
500 -754.09999MHz
1025-1242.09999MHz
1500-1754.09999MHz
Other freq:0V
4.99V (7.24V)
VCO2 (V2)
15 -29.99999MHz
242.1 -499.99999MHz
754.1 -1024.99999MHz
1242.1-1499.9999MHz
1754.1-1999.99999MHz
Other freq:0V
4.99V (7.24V)
PLL-B UNIT


MAIN-A UNIT
MAIN UNIT
MEASUREMENT CONDITION
DIGITAL MULTIMETER:50ku/V DC
WAVEFORM:OSCILLOSCCOPE(20MHz)
DISPLAYED FREQUENCY:145MHz
MODE:FM

MAIN-A UNIT


MAIN-A UNIT
COVER
CHASSIS
RS-232C
AGC OUT
EXT SP
DC IN
FROM POWER SW
FROM JACK UNIT J4


MIX-A UNIT
V2Lo (256/768MHz)
FROM PLLB
V2IF (10.7MHz)
TO MAIN-A
V1IF
TO RF-D
(266.7MHz)
(778.7MHz)
BPF2
BPF1
52610-1071
FROM MAINA

Jul. 2008

SERVICE MANUAL ADDENDUM

IC-R8500

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SECTION 6 PARTS LIST

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
ME1	5510000440	MTR	ME-36 (KL-218U-49) RX1768		
S1	2260001260	SW	SW-118 (SDDFA3)		
W8	8900006680	CBL	OPC-643 (N:14 L:80) *		
W9	8900006690	CBL	OPC-644 (N:9 L:80) *		
W10	8900006700	CBL	OPC-645 (N:6 L:60) *		
W11	8900006700	CBL	OPC-645 (N:6 L:60) *		
EP1	6450001230	E.OTH	HLJ0999-01-480		
EP2	6910013810	E.OTH	RMS20-100-201-1C		

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1140006021	S.IC	HD6433833A74HV (RX-1768)		
IC2	1130007960	S.IC	SED1522F0C (QFP15-100PIN		
IC3	1130011130	S.IC	BU4030BF-E2		
IC4	1110005711	S.IC	S-80842CLUA-B63-T2G		
IC5	1180001111	S.IC	PQ20VZ51J00H S		
IC6	1140009211	S.IC	CAT24C01BW-TE13		
Q1	1530002280	S.TR	2SC4081 T106 S		
Q2	1590000720	S.TR	DTA144EUA T106		
Q3	1590000430	S.TR	DTC144EUA T106		
Q4	1590000720	S.TR	DTA144EUA T106		
Q5	1590000430	S.TR	DTC144EUA T106		
Q6	1590000680	S.TR	DTC114EUA T106		
Q7	1590000430	S.TR	DTC144EUA T106		
D1	1750000550	S.DIO	1SS355 TE-17		
D2	1750000550	S.DIO	1SS355 TE-17		
X1	6050009661	S.XTL	MA-406 (9.8304 MHz-F)		
R1	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R2	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R3	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R4	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R5	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R6	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R7	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R8	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R10	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R11	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R12	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R13	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R14	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R15	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R17	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R18	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R19	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R20	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R21	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R22	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)		
R23	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R24	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R25	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)		
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R27	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R29	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R30	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R31	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R32	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R33	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R34	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R35	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)		
R36	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R37	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R38	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)		
R39	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)		
R40	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)		
R41	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R42	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R43	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R44	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R45	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R46	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R47	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R49	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)		
R50	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)		
R51	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R52	7030003320	S.RES	ERJ3GEYJ 101 V (100)		
R53	7030003320	S.RES	ERJ3GEYJ 101 V (100)		
R54	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R55	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R56	7030006060	S.RES	ERJ12YJ100U (10)		
R57	7030006060	S.RES	ERJ12YJ100U (10)		
C1	4030007020	S.CER	C1608 CH 1H 120J-T		
C2	4030007020	S.CER	C1608 CH 1H 120J-T		
C3	4030006900	S.CER	C1608 JB 1H 103K-T		
C4	4030006900	S.CER	C1608 JB 1H 103K-T		
C5	4510009280	S.ELE	EEE1EA4R7SR		
C7	4030006900	S.CER	C1608 JB 1H 103K-T		
C9	4510008540	S.ELE	EEE1CA100SR		
C10	4030006860	S.CER	C1608 JB 1H 102K-T		
C11	4030006860	S.CER	C1608 JB 1H 102K-T		
C12	4030009000	S.CER	C2012 JB 1C 224K-T		
C13	4030006900	S.CER	C1608 JB 1H 103K-T		
C14	4030006900	S.CER	C1608 JB 1H 103K-T		
C15	4030006880	S.CER	C1608 JB 1H 472K-T		
C16	4030006880	S.CER	C1608 JB 1H 472K-T		
C17	4030006880	S.CER	C1608 JB 1H 472K-T		
C18	4030006880	S.CER	C1608 JB 1H 472K-T		
C19	4030006880	S.CER	C1608 JB 1H 472K-T		
C20	4030006900	S.CER	C1608 JB 1H 103K-T		
C21	4030006900	S.CER	C1608 JB 1H 103K-T		
C22	4030006900	S.CER	C1608 JB 1H 103K-T		
C23	4030011600	S.CER	C1608 JB 1E 104K-T		
RL1	6330001420	S.RLY	ATQ203SAZ		
J2	6510019281	S.CNR	52610-0971 (0990)		
J3	6510019291	S.CNR	52610-1471 (1490)		
J4	6510019361	S.CNR	52610-0671 (0690)		
J5	6510019361	S.CNR	52610-0671 (0690)		
J6	6510019371	S.CNR	B3B-ZR-SM4-TF (LF) (SN)		
J8	6510003401	CNR	B04B-EH-S (LF) (SN)		
DS1	5030001360	LCD	DLC-7982YBGT		
DS2	5080000370	LMP	HRS-4160A		
DS3	5080000370	LMP	HRS-4160A		
DS4	5080000370	LMP	HRS-4160A		
DS5	5080000370	LMP	HRS-4160A		
S1	2230000970	SW	ESB-64620		
W1	7120000470	JMP	ERDS2T0 [FRA], [DEN], [CHN] only		
W2	7120000470	JMP	ERDS2T0 [FRA], [DEN], [CHN] only		
EP2	8930041151	LCT	SRCN-1768-SP-N-W-1 (SHJ) [OTH] only		

[SW-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
J1	6510019621	CNR	52030-0929 (0910)		

[SW-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
J1	6510019631	CNR	52030-1429 (1410)		

[VR-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7210002860	VAR	RV-306 (RK0972210) 10KB/10KB		
J1	6510019361	S.CNR	52610-0671 (0690)		

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

[VR-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7210002870	VAR	RV-307 (RK0972210) 10KB		
J1	6510019361	S.CNR	52610-0671 (0690)		

[JACK UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7030000300	S.RES	MCR10EZHJ 220 (221)		
R2	7030000300	S.RES	MCR10EZHJ 220 (221)		
R3	7030000300	S.RES	MCR10EZHJ 220 (221)		
R4	7030000300	S.RES	MCR10EZHJ 220 (221)		
C1	4030006900	S.CER	C1608 JB 1H 103K-T		
C2	4030006900	S.CER	C1608 JB 1H 103K-T		
C3	4030006900	S.CER	C1608 JB 1H 103K-T		
C4	4030006900	S.CER	C1608 JB 1H 103K-T		
C5	4030006900	S.CER	C1608 JB 1H 103K-T		
J1	6450001440	CNR	HSJ1403-01-010		
J2	6450001440	CNR	HSJ1403-01-010		
J3	6450001250	CNR	HLJ4306-01-3070		

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1130007700	S.IC	BU4094BCF-E2	T	70/53.8
IC2	1130007700	S.IC	BU4094BCF-E2	T	85.6/53.8
IC3	1140007881	S.IC	TC190G08EFG0046JDZ	T	74.1/89.9
IC4	1130003831	S.IC	TC7S04F (TE85R,F)	T	90.2/98.6
IC5	1140006720	S.IC	LMX2316TMX/NOPB	T	133.6/98.5
IC6	1110003310	S.IC	uPC1688G-T1	T	218.9/89.2
IC7	1130003831	S.IC	TC7S04F (TE85R,F)	T	57.8/91.5
IC8	1110000960	S.IC	NJM4558M-TE1-#FMZB	T	99.5/32.6
IC9	1110004080	S.IC	uPC2709T-E3	T	213.9/81.4
IC10	1140006720	S.IC	LMX2316TMX/NOPB	T	126/27.5
IC11	1120002820	S.IC	SN74LS90NSR	T	74.4/32.2
IC12	1110003310	S.IC	uPC1688G-T1	T	142.1/30.2
IC13	1140004550	S.IC	M65343FP/SC1287	T	21.5/81
IC15	1140004550	S.IC	M65343FP/SC1287	T	27.4/48.3
IC16	1180001071	S.IC	TA7805F (TE16L,Q)	T	218.7/10.5
IC17	1180001521	S.IC	MC7808CD2TR4G	T	221.5/29.5
IC18	1130003831	S.IC	TC7S04F (TE85R,F)	T	38.9/51.2
IC19	1130003831	S.IC	TC7S04F (TE85R,F)	T	24/69.4
IC20	1140003831	S.IC	TC4W66F (TE12L,F)	T	133.3/75.6
IC21	1130003831	S.IC	TC7S04F (TE85R,F)	T	55.6/37.4
IC22	1110004460	S.IC	uPB1509GV-E1	T	232.2/66.8
IC23	1110004460	S.IC	uPB1509GV-E1	T	163.7/11
IC24	1180001071	S.IC	TA7805F (TE16L,Q)	T	231.9/19.3
Q2	1560000331	S.FET	2SK210-GR (TE85R,F)	T	112.5/83.6
Q3	1530002060	S.TR	2SC4081 T106 R	T	117/85.1
Q7	1590000430	S.TR	DTC144EUA T106	T	89/62.4
Q8	1590000430	S.TR	DTC144EUA T106	T	75.2/45.2
Q9	1590000720	S.TR	DTA144EUA T106	T	75.2/42.6
Q10	1590001001	S.TR	RN2427 (TE85L,F)	T	168.7/41.2
Q11	1590000680	S.TR	DTC114EUA T106	T	166.8/44
Q12	1590001001	S.TR	RN2427 (TE85L,F)	T	181.2/41.1
Q13	1590000720	S.TR	DTA144EUA T106	T	84.6/46
Q14	1560000401	S.FET	2SK536-TB-E	T	114.6/26.8
Q15	1530002051	S.TR	2SC3661-TB-E	T	107.9/25.1
Q21	1590000430	S.TR	DTC144EUA T106	T	88.2/40.1
Q22	1590000720	S.TR	DTA144EUA T106	T	85.6/39.4
Q24	1590000430	S.TR	DTC144EUA T106	T	87.4/45.2
Q25	1590000720	S.TR	DTA144EUA T106	T	87.2/42.6
Q28	1530002060	S.TR	2SC4081 T106 R	T	18.1/94.1
Q31	1530002060	S.TR	2SC4081 T106 R	T	14.5/44.8
Q32	1510000510	S.TR	2SA1576A T106R	T	133.2/80.5
Q33	1530002060	S.TR	2SC4081 T106 R	T	125.6/81
Q34	1530002051	S.TR	2SC3661-TB-E	T	7/14.4
Q36	1590000680	S.TR	DTC114EUA T106	T	179.2/44.1
Q37	1590000430	S.TR	DTC144EUA T106	T	81.6/46.2
Q38	1510000510	S.TR	2SA1576A T106R	T	130.6/79.6
Q39	1530002060	S.TR	2SC4081 T106 R	T	125.6/78.5
Q40	1590000720	S.TR	DTA144EUA T106	T	140.9/71.1
Q41	1590000680	S.TR	DTC114EUA T106	T	140.9/68.1
Q42	1530002060	S.TR	2SC4081 T106 R	T	133.1/83.5
Q43	1510000510	S.TR	2SA1576A T106R	T	125.9/83.6
Q44	1510000510	S.TR	2SA1576A T106R	T	105.9/98.4
Q45	1530002060	S.TR	2SC4081 T106 R	T	102.1/99.9
Q46	1590000430	S.TR	DTC144EUA T106	T	197.4/44.8
Q47	1590001021	S.TR	RN2424 (TE85R,F)	T	201/43.8
Q48	1530002060	S.TR	2SC4081 T106 R	T	230.8/73.5
Q49	1590000430	S.TR	DTC144EUA T106	T	155.8/35.4
Q50	1590001021	S.TR	RN2424 (TE85R,F)	T	152.8/34.4
Q51	1530002060	S.TR	2SC4081 T106 R	T	170.1/12.7
Q52	1590000430	S.TR	DTC144EUA T106	T	186.2/33.8
Q53	1590000720	S.TR	DTA144EUA T106	T	189.2/33.8
Q54	1590000430	S.TR	DTC144EUA T106	T	186.2/36.4

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
Q55	1590000720	S.TR	DTA144EUA T106	T	189.2/36.4
D1	1790000540	S.VCP	MA338 (TX)	T	102.5/80.3
D2	1790000540	S.VCP	MA338 (TX)	T	104.6/80.3
D4	1750000111	S.DIO	1SS272 (TE85R,F)	T	78.7/41
D5	1750000111	S.DIO	1SS272 (TE85R,F)	T	175.1/42.1
D6	1750000111	S.DIO	1SS272 (TE85R,F)	T	187.4/42.1
D7	1750000211	S.DIO	1SV237 (TE85R,F)	T	219.8/76.4
D8	1750000111	S.DIO	1SS272 (TE85R,F)	T	108.5/21.3
D17	1750000211	S.DIO	1SV237 (TE85R,F)	T	141.3/22.7
D18	1750000211	S.DIO	1SV237 (TE85R,F)	T	134.1/9.3
D19	1750000211	S.DIO	1SV237 (TE85R,F)	T	117.7/10.5
D20	1730002420	S.ZEN	MA8160 (TX)	T	11.1/17.8
D23	1750000111	S.DIO	1SS272 (TE85R,F)	T	165.1/41.2
D25	1750000211	S.DIO	1SV237 (TE85R,F)	T	215.8/75.4
D26	1750000211	S.DIO	1SV237 (TE85R,F)	T	216.1/52.4
D27	1750000550	S.DIO	1SS355 TE-17	T	72.4/23.6
FI1	2020002000	CER	SFSRA6M50CF00-B0		
X1	6050011950	XTL	CR-452. (30.200 MHz)		
L1	6200001831	S.COL	NLV32T-100J	T	61.8/54.8
L2	6200003950	S.COL	HF50ACC 322513-T	T	62/81.3
L4	6200001831	S.COL	NLV32T-100J	T	86.3/99
L5	6200003261	S.COL	NLV32T-101J	T	102.5/84.8
L6	6180003510	COL	SP0406-6R8K-6		
L7	6200003261	S.COL	NLV32T-101J	T	113.7/97.9
L8	6200001831	S.COL	NLV32T-100J	T	117.8/79.5
L10	6200003331	S.COL	NLV32T-1R0J	T	116.7/90.9
L11	6200003331	S.COL	NLV32T-1R0J	T	117.5/94.5
L12	6200003261	S.COL	NLV32T-101J	T	128.8/89
L13	6200003261	S.COL	NLV32T-101J	T	138.6/91.8
L14	6200003331	S.COL	NLV32T-1R0J	T	204.1/48.9
L17	6200003261	S.COL	NLV32T-101J	T	6.6/11.3
L18	6200003331	S.COL	NLV32T-1R0J	T	77.8/48.5
L19	6200001831	S.COL	NLV32T-100J	T	61.1/92.3
L20	6200005501	S.COL	NLV32T-471J	T	172/41.6
L21	6200005501	S.COL	NLV32T-471J	T	184.3/41.6
L22	6200003331	S.COL	NLV32T-1R0J	T	131.6/17.4
L23	6200003331	S.COL	NLV32T-1R0J	T	198.6/52.6
L24	6200003331	S.COL	NLV32T-1R0J	T	204.1/51.9
L25	6200003021	S.COL	NLV32T-R33J	T	217.2/80.9
L26	6200005341	S.COL	LL1608-FSL8N2J	T	212.2/69.3
L27	6200012040	S.COL	LL1608-FSL5N6S	T	212.2/66.6
L28	6200012040	S.COL	LL1608-FSL5N6S	T	212.2/63.9
L29	6200005301	S.COL	LL1608-FSL3N9S	T	214.8/61.2
L30	6200005311	S.COL	LL1608-FSL4N7S	T	214.8/58.5
L31	6200012040	S.COL	LL1608-FSL5N6S	T	214.8/55.8
L32	6200003261	S.COL	NLV32T-101J	T	115.5/32.9
L33	6200003261	S.COL	NLV32T-101J	T	134.5/27.3
L37	6200001831	S.COL	NLV32T-100J	T	68.4/31.6
L40	6200003331	S.COL	NLV32T-1R0J	T	138.4/28.6
L41	6200003331	S.COL	NLV32T-1R0J	T	114/13.6
L42	6200005401	S.COL	LL1608-FSL27NJ	T	126/11
L43	6200005411	S.COL	LL1608-FSL33NJ	T	124.1/11.5
L44	6200005411	S.COL	LL1608-FSL33NJ	T	121.4/12.4
L45	6200003331	S.COL	NLV32T-1R0J	T	114.2/6.3
L46	6200005351	S.COL	LL1608-FSL10NJ	T	123.1/7.1
L47	6200005361	S.COL	LL1608-FSL12NJ	T	120.4/7.1
L48	6200001831	S.COL	NLV32T-100J	T	69.3/24.6
L49	6200001831	S.COL	NLV32T-100J	T	12.8/70.8
L50	6200003331	S.COL	NLV32T-1R0J	T	12/94.2
L51	6200003151	S.COL	NLV32T-180J	T	29.9/95.2
L52	6200003151	S.COL	NLV32T-180J	T	23.8/95.8
L60	6200003261	S.COL	NLV32T-101J	T	38.9/47.4
L61	6200001831	S.COL	NLV32T-100J	T	37.6/39.1
L62	6200001711	S.COL	NLV32T-220J	T	14.4/38.7
L63	6200005501	S.COL	NLV32T-471J	T	11.8/56.6
L64	6200005501	S.COL	NLV32T-471J	T	12.7/50.5
L66	6200003261	S.COL	NLV32T-101J	T	75.2/22.5
L70	6200003331	S.COL	NLV32T-1R0J	T	150.2/40.8
L72	6200003331	S.COL	NLV32T-1R0J	T	81.8/32.2
L73	6200005361	S.COL	LL1608-FSL12NJ	T	215.4/94.1
L74	6200005351	S.COL	LL1608-FSL10NJ	T	216/96.7
L75	6200005361	S.COL	LL1608-FSL12NJ	T	218.7/96.7
L77	6200005361	S.COL	LL1608-FSL12NJ	T	124.9/7.2
L78	6200003331	S.COL	NLV32T-1R0J	T	14.6/90.7
L79	6200003151	S.COL	NLV32T-180J	T	17.9/41.3
L80	6200003151	S.COL	NLV32T-180J	T	38.2/96.5
L81	6200003141	S.COL	NLV32T-150J	T	34.7/96.1
L82	6200003261	S.COL	NLV32T-101J	T	20.8/69.3
L83	6200003031	S.COL	NLV32T-R47J	T	136.9/62.4
L84	6200003031	S.COL	NLV32T-R47J	T	131.5/62.4
L85	6200005491	S.COL	NLV32T-331J	T	18.8/63.5
L86	6200005501	S.COL	NLV32T-471J	T	15.3/64.1
L87	6200003251	S.COL	NLV32T-R39J	T	76.7/19.2
L88	6200003261	S.COL	NLV32T-101J	T	55/40.8
L89	6200003261	S.COL	NLV32T-101J	T	110.6/99.6
L90	6200003261	S.COL	NLV32T-101J	T	143.9/68
L91	6200003261	S.COL	NLV32T-101J	T	204.1/45.9
L92	6200003261	S.COL	NLV32T-101J	T	198.6/48.3
L93	6200005361	S.COL	LL1608-FSL12NJ	T	219.6/69.3

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L94	6200005351	S.COL	LL1608-FSL10NJ	T	219.6/66.6
L95	6200005341	S.COL	LL1608-FSL8N2J	T	219.6/63.9
L96	6200006040	S.COL	LQP18MN5N6C02D	T	217/61.2
L97	6200005331	S.COL	LL1608-FSL6N8J	T	217/58.5
L98	6200006060	S.COL	LQP18MN8N2C02D	T	217/55.8
L99	6200003431	S.COL	NLV32T-R10J	T	232.7/78.7
L100	6200006160	S.COL	LQP21MN68NG01L	T	231.9/82.3
L101	6200003431	S.COL	NLV32T-R10J	T	232.4/85.6
L102	6200003331	S.COL	NLV32T-1R0J	T	234.4/56.8
L103	6200003261	S.COL	NLV32T-101J	T	227.6/58.1
L104	6200003261	S.COL	NLV32T-101J	T	154.7/15.9
L105	6200003011	S.COL	NLV32T-R27J	T	175.3/10.8
L106	6200003011	S.COL	NLV32T-R27J	T	178.8/11.7
L107	6200003001	S.COL	NLV32T-R22J	T	182.5/11.1
L108	6200003331	S.COL	NLV32T-1R0J	T	153.4/9.1
L109	6200005411	S.COL	LL1608-FSL33NJ	T	128.6/14.2
L110	6200005401	S.COL	LL1608-FSL27NJ	T	125.9/14.2
L111	6200005351	S.COL	LL1608-FSL10NJ	T	130.1/6.5
L112	6200005341	S.COL	LL1608-FSL8N2J	T	128.2/5.8
L113	6200003261	S.COL	NLV32T-101J	T	138.5/87.4
R1	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	66.8/60
R2	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	69.4/60
R3	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	72/60
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	74.6/60
R5	7030003860	S.RES	ERJ3GE JPW V	T	81.6/36.9
R6	7030003860	S.RES	ERJ3GE JPW V	T	132.1/26.5
R7	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/32.1
R8	7030003860	S.RES	ERJ3GE JPW V	T	122.5/29.9
R9	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	87.2/49.3
R10	7030007230	S.RES	ERA3YED 102V (1 k)	T	65.8/69.4
R11	7030007230	S.RES	ERA3YED 102V (1 k)	T	69.7/68.2
R12	7030007230	S.RES	ERA3YED 102V (1 k)	T	69.6/69.5
R13	7030007230	S.RES	ERA3YED 102V (1 k)	T	72.4/68.2
R14	7030007230	S.RES	ERA3YED 102V (1 k)	T	72.4/69.5
R15	7030007230	S.RES	ERA3YED 102V (1 k)	T	75.1/68.2
R16	7030007210	S.RES	ERA3YEB 102V (1 k)	T	75.1/69.5
R17	7030007210	S.RES	ERA3YEB 102V (1 k)	T	77.8/68.2
R18	7030007210	S.RES	ERA3YEB 102V (1 k)	T	77.8/69.5
R19	7030007210	S.RES	ERA3YEB 102V (1 k)	T	80.5/68.2
R20	7030007210	S.RES	ERA3YEB 102V (1 k)	T	80.5/69.5
R21	7030007220	S.RES	ERA3YED 202V (2 k)	T	63.1/69.5
R22	7030007220	S.RES	ERA3YED 202V (2 k)	T	63.9/71.4
R23	7030007220	S.RES	ERA3YED 202V (2 k)	T	67.5/70.7
R24	7030007220	S.RES	ERA3YED 202V (2 k)	T	69.4/71.4
R25	7030007220	S.RES	ERA3YED 202V (2 k)	T	70.7/71.4
R26	7030007220	S.RES	ERA3YED 202V (2 k)	T	72/71.4
R27	7030007220	S.RES	ERA3YED 202V (2 k)	T	73.3/71.4
R28	7030007220	S.RES	ERA3YED 202V (2 k)	T	74.6/71.4
R29	7030007200	S.RES	ERA3YEB 202V (2 k)	T	75.9/71.4
R30	7030007200	S.RES	ERA3YEB 202V (2 k)	T	77.2/71.4
R31	7030007200	S.RES	ERA3YEB 202V (2 k)	T	78.5/71.4
R32	7030007200	S.RES	ERA3YEB 202V (2 k)	T	79.8/71.4
R33	7030007200	S.RES	ERA3YEB 202V (2 k)	T	81.1/71.4
R34	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	84.9/91.5
R35	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	75.1/99.4
R36	7030003860	S.RES	ERJ3GE JPW V	T	129.4/100.6
R37	7030003860	S.RES	ERJ3GE JPW V	T	136.2/94.1
R38	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/92.2
R39	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/93.5
R40	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/94.8
R41	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	90.7/88.6
R42	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	90.4/101
R43	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	103.8/95.8
R44	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	103.8/92.9
R45	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	113.3/86.6
R46	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	112.1/86.5
R47	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	112.1/79
R48	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	115.7/79
R49	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	113.7/88.8
R50	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	115.1/85.2
R51	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	118.9/88.6
R52	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	119.4/84.1
R53	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/33.4
R54	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	119.1/100.4
R55	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/34.7
R57	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	126/89.1
R58	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	130.1/98
R59	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	143.7/70.8
R66	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	212.5/94.8
R67	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	211.8/91.7
R68	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	213.1/91.7
R69	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	214.9/91.9
R70	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	74.3/47.8
R72	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	58.1/89
R77	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	137.4/69.7
R79	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	220.7/80.6
R80	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	219.4/80.6
R81	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	219.8/78.7
R82	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213/77
R83	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	213.1/74.9
R84	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	212.6/50
R85	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	215.3/50.2
R86	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	218.2/50
R87	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	120.6/30.6
R88	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	127.5/32.7

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R91	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	111.1/25.7
R92	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	115.7/23.6
R93	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	111.1/21.8
R94	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)	T	111.1/24.4
R95	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	108/28.7
R96	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	101.4/26.8
R100	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	149.6/44.2
R106	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	96.4/45.4
R116	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	137/21.3
R117	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	138.6/34.4
R118	7030003300	S.RES	ERJ3GEYJ 680 V (68)	T	140.5/33.6
R119	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	142.4/32.8
R120	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	83.6/41.1
R121	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	84.4/43
R122	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	133.7/14.2
R123	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	134.5/12.3
R124	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	135.8/6.3
R125	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	133.2/12.3
R127	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	134.5/6.2
R129	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	115.5/8.9
R130	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	114.7/10.8
R131	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	113.9/8.9
R133	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	60.8/35
R135	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	63.4/35
R139	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	61.6/40.2
R140	7030007220	S.RES	ERA3YED 202V (2 k)	T	35.8/71.4
R141	7030007220	S.RES	ERA3YED 202V (2 k)	T	35.8/72.7
R142	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.2/75.3
R143	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.5/77.9
R144	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.5/80.5
R145	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.1/82.5
R146	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.1/83.8
R147	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/86.4
R148	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/87.7
R149	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/90.3
R150	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.2/71.5
R151	7030007230	S.RES	ERA3YED 102V (1 k)	T	37.9/72.2
R152	7030007230	S.RES	ERA3YED 102V (1 k)	T	39.2/74.1
R153	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.1/76
R154	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.4/79.2
R155	7030007230	S.RES	ERA3YED 102V (1 k)	T	38/82.4
R156	7030007230	S.RES	ERA3YED 102V (1 k)	T	39.3/83.7
R157	7030007210	S.RES	ERA3YEB 102V (1 k)	T	38/85.1
R158	7030007210	S.RES	ERA3YEB 102V (1 k)	T	39.3/86.3
R159	7030007210	S.RES	ERA3YEB 102V (1 k)	T	38/88.4
R160	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.8/90.3
R161	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	18.2/92.2
R162	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	20.3/96.6
R163	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	21/94.6
R164	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	19/96.6
R168	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	11.8/103.8
R176	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	36.5/49.9
R179	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.6/61.4
R180	7030007220	S.RES	ERA3YED 202V (2 k)	T	38.3/61.4
R181	7030007220	S.RES	ERA3YED 202V (2 k)	T	34.4/61.4
R182	7030007220	S.RES	ERA3YED 202V (2 k)	T	33.1/61.4
R183	7030007220	S.RES	ERA3YED 202V (2 k)	T	30.7/63.3
R184	7030007220	S.RES	ERA3YED 202V (2 k)	T	28.8/61.4
R185	7030007220	S.RES	ERA3YED 202V (2 k)	T	27.5/61.4
R186	7030007200	S.RES	ERA3YEB 202V (2 k)	T	24.9/61.4
R187	7030007200	S.RES	ERA3YEB 202V (2 k)	T	23.6/61.4
R188	7030007200	S.RES	ERA3YEB 202V (2 k)	T	21/61.4
R189	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.4/64.6
R190	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.8/63.3
R191	7030007230	S.RES	ERA3YED 102V (1 k)	T	36.7/64.6
R192	7030007230	S.RES	ERA3YED 102V (1 k)	T	34.9/63.3
R193	7030007230	S.RES	ERA3YED 102V (1 k)	T	33.6/64.6
R194	7030007230	S.RES	ERA3YED 102V (1 k)	T	30.7/64.6
R195	7030007230	S.RES	ERA3YED 102V (1 k)	T	28/64.6
R196	7030007210	S.RES	ERA3YEB 102V (1 k)	T	26.7/63.3
R197	7030007210	S.RES	ERA3YEB 102V (1 k)	T	25.1/64.6
R198	7030007210	S.RES	ERA3YEB 102V (1 k)	T	22.8/63.3
R199	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	12.1/47
R200	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.3/45.6
R201	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	16.4/44.9
R202	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	14.1/47.7
R203	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	12/45.7
R204	7030003860	S.RES	ERJ3GE JPW V	T	234.6/62.5
R205	7030003860	S.RES	ERJ3GE JPW V	T	233.3/62.5
R207	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	14.2/31.7
R212	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	82.2/24.7
R213	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	80.4/23.9
R214	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	82.2/23
R215	7030007510	S.RES	ERJ12YJ270U (27)	T	212.3/18.3
R216	7030007510	S.RES	ERJ12YJ270U (27)	T	208.6/18.3
R217	7030007510	S.RES	ERJ12YJ270U (27)	T	204.9/18.3
R222	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	80.9/59.2
R223	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	83.8/59.4
R224	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	79.6/58.1
R225	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	87.4/59.2
R226	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	9.4/13.5
R227	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	5.4/17.4
R228	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	82.2/59.2
R231	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	15.1/42.8
R232	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	16.1/93.5
R237	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	130.7/10.2
R239	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	104.7/86.9

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R240	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	83.7/68.7
R241	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	79.6/34.3
R243	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	211.2/88.9
R244	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	213.1/89.5
R245	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	215.8/89.4
R246	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	139.2/98.5
R247	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	142.3/25.2
R248	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	39.3/88.9
R249	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	21.8/64.6
R250	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	23.1/71.9
R251	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	133.8/86.3
R252	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	135.6/85.6
R253	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	131.2/86.3
R254	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	135.6/84.3
R255	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)	T	131.1/83.6
R256	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	128/84
R257	7510001410	S.TMR	NTCG20 3FH 222JT	T	129.6/83.7
R258	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	125.8/85.6
R259	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	135.2/79.9
R260	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	123.5/79.6
R261	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	138.8/71.4
R262	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	129.4/77.2
R263	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	127/75.2
R266	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	58/37.8
R267	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	101/38
R268	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	107.4/100.5
R269	7030003550	S.RES	ERJ3GEYJ 822 V (8.2 k)	T	105.5/101.2
R270	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	104/100
R271	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	102.4/103.8
R272	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.5/72
R273	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	218.3/72
R274	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.7/52.8
R275	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	219.1/53.5
R276	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	234.6/59.7
R277	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	235.9/62.5
R278	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	234.7/70.5
R279	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	232.7/73
R280	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	234/74.5
R281	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	228/74.2
R282	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	228/75.6
R283	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	227.8/88.4
R284	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	230.8/88.4
R285	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	235.4/87.4
R286	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	155.9/9.2
R287	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	160/9.2
R288	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	167.4/8.7
R289	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	169.1/10.7
R290	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	171.3/10
R291	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	170.9/15.1
R292	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	185.4/15.7
R293	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	185.1/12.7
R294	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	183.4/8.6
R295	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	172.2/15.5
R296	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.7/12.9
R297	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.5/7.5
R298	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	117.5/103
R299	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	127.6/77.2
R300	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	60/41.6
R301	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	127/71.4
R302	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	78.9/103.6
R400	7030003860	S.RES	ERJ3GE JPW V	T	159/7.3
R401	7030003860	S.RES	ERJ3GE JPW V	T	158.7/9.2
C1	4030006880	S.CER	C1608 JB 1H 472K-T	T	64/55.4
C2	4030006880	S.CER	C1608 JB 1H 472K-T	T	65.5/60
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	68.1/60
C4	4030006880	S.CER	C1608 JB 1H 472K-T	T	70.7/60
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.3/60
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	79.6/55.4
C7	4030006860	S.CER	C1608 JB 1H 102K-T	T	128.8/32.7
C8	4030011600	S.CER	C1608 JB 1E 104K-T	T	121.5/27.5
C9	4030011600	S.CER	C1608 JB 1E 104K-T	T	128.8/98
C10	4030006880	S.CER	C1608 JB 1H 472K-T	T	127.5/98
C11	4030008920	S.CER	C1608 JB 1H 473K-T	T	61.8/83.6
C12	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/91.6
C13	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.6/94.9
C14	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.9/79.3
C15	4030008920	S.CER	C1608 JB 1H 473K-T	T	80.1/78.7
C16	4030008920	S.CER	C1608 JB 1H 473K-T	T	82.9/78.7
C17	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/83.8
C18	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/86.6
C19	4030008920	S.CER	C1608 JB 1H 473K-T	T	86.5/89.5
C20	4030008920	S.CER	C1608 JB 1H 473K-T	T	87.5/93.5
C21	4030008920	S.CER	C1608 JB 1H 473K-T	T	85.4/96.8
C22	4030008920	S.CER	C1608 JB 1H 473K-T	T	71.6/101.1
C23	4030008920	S.CER	C1608 JB 1H 473K-T	T	75.1/100.7
C24	4030008920	S.CER	C1608 JB 1H 473K-T	T	79.1/100.2
C25	4030006900	S.CER	C1608 JB 1H 103K-T	T	82.4/71.4
C28	4030006900	S.CER	C1608 JB 1H 103K-T	T	90/90.5
C29	4030010210	S.CER	C3216 JB 1C 105M-T	T	89.8/95.8
C30	4550003220	S.TAN	TEESVA 1E 105M8R	T	102.1/95.9
C31	4550000510	S.TAN	TEESVA 1V 473M8R	T	102.1/90.8
C32	4030009910	S.CER	C1608 CH 1H 040B-T	T	106.3/81.4
C33	4030007090	S.CER	C1608 CH 1H 470J-T	T	110.9/86.5
C34	4030008920	S.CER	C1608 JB 1H 473K-T	T	113.3/79
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	112.8/81.2

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C36	4510008500	S.ELE	EEE1CA101WP	T	109.3/93.5
C37	4030007150	S.CER	C1608 CH 1H 151J-T	T	114.5/79
C38	4030007010	S.CER	C1608 CH 1H 100D-T	T	115.1/82
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/96.7
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.3/86.7
C42	4030007150	S.CER	C1608 CH 1H 151J-T	T	118.9/91.3
C43	4030010040	S.CER	C1608 JB 1H 561K-T	T	120.1/88.6
C44	4030009580	S.CER	C1608 JB 1H 681K-T	T	120.1/91.3
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	115.5/103.5
C46	4030007090	S.CER	C1608 CH 1H 470J-T	T	119.1/101.7
C48	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/98
C50	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/90.4
C51	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/103.7
C52	4030006900	S.CER	C1608 JB 1H 103K-T	T	133.3/103.1
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.7/100.5
C57	4550003220	S.TAN	TEESVA 1E 105M8R	T	136.9/79.7
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.6/79.9
C60	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.2/94.8
C61	4030007010	S.CER	C1608 CH 1H 100D-T	T	215.8/88.1
C62	4030006860	S.CER	C1608 JB 1H 102K-T	T	218.1/92.9
C63	4030006860	S.CER	C1608 JB 1H 102K-T	T	216.2/91.9
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/11.8
C70	4030006860	S.CER	C1608 JB 1H 102K-T	T	25.4/18.8
C71	4030006860	S.CER	C1608 JB 1H 102K-T	T	75.6/47.8
C72	4030006880	S.CER	C1608 JB 1H 472K-T	T	58.7/97.4
C73	4030010210	S.CER	C3216 JB 1C 105M-T	T	58.5/95.7
C74	4030006860	S.CER	C1608 JB 1H 102K-T	T	175.9/45.5
C75	4510008500	S.ELE	EEE1CA101WP	T	171.7/48.3
C76	4030006860	S.CER	C1608 JB 1H 102K-T	T	188.4/45.5
C77	4510008500	S.ELE	EEE1CA101WP	T	184.2/48.3
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.1/20.4
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	211.8/74.9
C80	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.6/81.3
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	214/79.1
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.8/82.7
C83	4030006860	S.CER	C1608 JB 1H 102K-T	T	216/77.6
C84	4030009910	S.CER	C1608 CH 1H 040B-T	T	214.8/72
C85	4030009520	S.CER	C1608 CH 1H 020B-T	T	214.8/69.3
C86	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	214.8/66.6
C88	4030006990	S.CER	C1608 CH 1H 080D-T	T	213.5/69.3
C89	4030007030	S.CER	C1608 CH 1H 150J-T	T	213.5/66.6
C90	4030007090	S.CER	C1608 CH 1H 470J-T	T	213.5/63.9
C91	4030009520	S.CER	C1608 CH 1H 020B-T	T	212.2/61.2
C92	4030009520	S.CER	C1608 CH 1H 020B-T	T	213.5/61.2
C93	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/58.5
C94	4030009510	S.CER	C1608 CH 1H 010B-T	T	213.5/58.5
C95	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/55.8
C97	4030006860	S.CER	C1608 JB 1H 102K-T	T	115.9/30.7
C98	4030006860	S.CER	C1608 JB 1H 102K-T	T	130.8/26.5
C100	4030006860	S.CER	C1608 JB 1H 102K-T	T	125.4/23.1
C101	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.2/23.2
C102	4030006880	S.CER	C1608 JB 1H 472K-T	T	111.1/27
C103	4550000550	S.TAN	TEESVA 1V 224M8R	T	111.9/30.4
C104	4550000550	S.TAN	TEESVA 1V 224M8R	T	109.7/30.4
C105	4550000510	S.TAN	TEESVA 1V 473M8R	T	106.2/29.1
C106	4550000510	S.TAN	TEESVA 1V 473M8R	T	113.9/22.4
C107	4510008690	S.ELE	EEE1EA330SP	T	96.7/25.1
C108	4510008500	S.ELE	EEE1CA101WP	T	155.4/41.4
C117	4030008920	S.CER	C1608 JB 1H 473K-T	T	68.2/29
C118	4030006860	S.CER	C1608 JB 1H 102K-T	T	79.6/27.8
C119	4030007170	S.CER	C1608 CH 1H 221J-T	T	79.6/30.6
C121	4030007170	S.CER	C1608 CH 1H 221J-T	T	81.6/34.8
C122	4030006860	S.CER	C1608 JB 1H 102K-T	T	96/35.4
C123	4510008690	S.ELE	EEE1EA330SP	T	94.5/40.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/27.8
C132	4030007050	S.CER	C1608 CH 1H 220J-T	T	139.1/32.1
C133	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/26.5
C134	4030006860	S.CER	C1608 JB 1H 102K-T	T	135.8/12.3
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	131.8/13.4
C137	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.2/6.2
C139	4030007000	S.CER	C1608 CH 1H 090D-T	T	125.7/12.9
C140	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	124.1/10.2
C141	4030007010	S.CER	C1608 CH 1H 100D-T	T	123.5/13.3
C142	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	121.4/11.1
C143	4030006990	S.CER	C1608 CH 1H 080D-T	T	121.4/13.7
C145	4030006970	S.CER	C1608 CH 1H 060D-T	T	124.9/5.4
C146	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	123.1/8.4
C147	4030006980	S.CER	C1608 CH 1H 070D-T	T	122/5.8
C148	4030009570	S.CER	C1608 CH 1H 0R3B-T	T	120.4/8.4
C149	4030009530	S.CER	C1608 CH 1H 030B-T	T	118.9/5.6
C151	4030006860	S.CER	C1608 JB 1H 102K-T	T	112/10.8
C153	4030006880	S.CER	C1608 JB 1H 472K-T	T	29.4/18.6
C154	4030006880	S.CER	C1608 JB 1H 472K-T	T	69.1/20.7
C155	4030007010	S.CER	C1608 CH 1H 100D-T	T	62.1/35
C156	4030006860	S.CER	C1608 JB 1H 102K-T	T	59.4/39.4
C158	4030011600	S.CER	C1608 JB 1E 104K-T	T	20.4/73.2
C159	4510008540	S.ELE	EEE1CA100SR	T	16.7/70.6
C160	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/75.3
C161	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.7/72.6
C162	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.9/82
C163	4030011600	S.CER	C1608 JB 1E 104K-T	T	20.1/89.8
C164	4030011600	S.CER	C1608 JB 1E 104K-T	T	24.8/89.8
C165	4030007170	S.CER	C1608 CH 1H 221J-T	T	14/88.5
C166	4030007100	S.CER	C1608 CH 1H 560J-T	T	14.2/93.6
C167	4030007020	S.CER	C1608 CH 1H 120J-T	T	31.7/97.4
C168	4030009350	S.CER	C1608 CH 1H 3R5B-T	T	29.1/97.4
C169	4030007050	S.CER	C1608 CH 1H 220J-T	T	27.3/95.4

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C170	4030009540	S.CER C1608 CH 1H 1R5B-T	T	26/95.4
C171	4030007020	S.CER C1608 CH 1H 120J-T	T	21.6/96.6
C172	4030011600	S.CER C1608 JB 1E 104K-T	T	16.4/96.2
C173	4030006900	S.CER C1608 JB 1H 103K-T	T	21/93.3
C175	4030006880	S.CER C1608 JB 1H 472K-T	T	17.7/96.6
C177	4030006900	S.CER C1608 JB 1H 103K-T	T	13.1/103.8
C191	4030006880	S.CER C1608 JB 1H 472K-T	T	43.8/52.4
C192	4030010210	S.CER C3216 JB 1C 105M-T	T	38/54
C194	4030011600	S.CER C1608 JB 1E 104K-T	T	36.5/47.1
C195	4510008540	S.ELE EEE1CA100SR	T	37.9/43
C196	4030011600	S.CER C1608 JB 1E 104K-T	T	33.1/39.7
C197	4030011600	S.CER C1608 JB 1E 104K-T	T	35.9/52.1
C198	4030011600	S.CER C1608 JB 1E 104K-T	T	26.4/39.7
C199	4030011600	S.CER C1608 JB 1E 104K-T	T	18.6/46.9
C200	4030011600	S.CER C1608 JB 1E 104K-T	T	18.6/51.6
C201	4030009880	S.CER C1608 JB 1H 682K-T	T	20.1/40.7
C202	4030009980	S.CER C1608 JB 1H 152K-T	T	15/40.9
C203	4030010760	S.CER C1608 CH 1H 331J-T	T	12.6/61.4
C204	4030007110	S.CER C1608 CH 1H 680J-T	T	14/56.6
C205	4030006850	S.CER C1608 JB 1H 471K-T	T	13.2/54
C206	4030007060	S.CER C1608 CH 1H 270J-T	T	13.2/52.7
C207	4030010760	S.CER C1608 CH 1H 331J-T	T	12.1/48.3
C208	4030011600	S.CER C1608 JB 1E 104K-T	T	12/44.4
C209	4030011600	S.CER C1608 JB 1E 104K-T	T	15.4/47.7
C210	4030006860	S.CER C1608 JB 1H 102K-T	T	227.7/67.4
C211	4030006880	S.CER C1608 JB 1H 472K-T	T	12.4/43.1
C212	4030006900	S.CER C1608 JB 1H 103K-T	T	15/33.6
C213	4030006900	S.CER C1608 JB 1H 103K-T	T	12.2/34.2
C214	4030006860	S.CER C1608 JB 1H 102K-T	T	228.5/65.5
C215	4030006860	S.CER C1608 JB 1H 102K-T	T	234/64.4
C216	4030006860	S.CER C1608 JB 1H 102K-T	T	235.9/65.6
C217	4030006900	S.CER C1608 JB 1H 103K-T	T	72.4/20.6
C218	4030006900	S.CER C1608 JB 1H 103K-T	T	78.5/23.1
C219	4030008920	S.CER C1608 JB 1H 473K-T	T	211.5/13.3
C220	4510008540	S.ELE EEE1CA100SR	T	202.9/13
C221	4510008540	S.ELE EEE1CA100SR	T	209.5/7.8
C222	4030008920	S.CER C1608 JB 1H 473K-T	T	214.3/6.6
C223	4030006860	S.CER C1608 JB 1H 102K-T	T	214.3/5.4
C227	4030008920	S.CER C1608 JB 1H 473K-T	T	215.2/33.8
C228	4510008540	S.ELE EEE1CA100SR	T	207.2/32.9
C229	4510008540	S.ELE EEE1CA100SR	T	207.2/26.7
C230	4030008920	S.CER C1608 JB 1H 473K-T	T	215.2/25.1
C231	4030006860	S.CER C1608 JB 1H 102K-T	T	215.2/23.7
C232	4030006880	S.CER C1608 JB 1H 472K-T	T	10/11.6
C233	4030018980	S.CER C1608 JB 1H 104K-T	T	11.1/15.8
C234	4510008690	S.ELE EEE1EA330SP	T	8.3/22.5
C235	4030018980	S.CER C1608 JB 1H 104K-T	T	9.2/27.1
C236	4510008690	S.ELE EEE1EA330SP	T	15/26.9
C237	4030006860	S.CER C1608 JB 1H 102K-T	T	83.9/29.2
C239	4030009570	S.CER C1608 CH 1H 0R3B-T	T	213.5/55.8
C240	4030009550	S.CER C1608 CH 1H 2R5B-T	T	211.8/53.6
C242	4030007050	S.CER C1608 CH 1H 220J-T	T	75.7/77.4
C243	4030007050	S.CER C1608 CH 1H 220J-T	T	79.9/76.1
C244	4030008920	S.CER C1608 JB 1H 473K-T	T	80.2/103.6
C246	4550006050	S.TAN TEESVA 0J 106M8R	T	62.6/77.2
C247	4030006860	S.CER C1608 JB 1H 102K-T	T	83.5/101.2
C248	4030006860	S.CER C1608 JB 1H 102K-T	T	86.2/101.2
C249	4030006860	S.CER C1608 JB 1H 102K-T	T	90.2/94.1
C250	4030011600	S.CER C1608 JB 1E 104K-T	T	115.7/29.4
C251	4030011600	S.CER C1608 JB 1E 104K-T	T	120.2/28.7
C252	4030011600	S.CER C1608 JB 1E 104K-T	T	129.5/26.5
C253	4030011600	S.CER C1608 JB 1E 104K-T	T	130.2/103.7
C254	4030010210	S.CER C3216 JB 1C 105M-T	T	132.7/88.7
C255	4030011600	S.CER C1608 JB 1E 104K-T	T	126/90.4
C256	4550006050	S.TAN TEESVA 0J 106M8R	T	228.6/61.8
C257	4550006050	S.TAN TEESVA 0J 106M8R	T	158.4/14.9
C258	4030007170	S.CER C1608 CH 1H 221J-T	T	82/26.1
C263	4030009920	S.CER C1608 CH 1H 050B-T	T	213.3/96.7
C264	4030009530	S.CER C1608 CH 1H 030B-T	T	215.4/95.4
C265	4030009920	S.CER C1608 CH 1H 050B-T	T	218.1/94.2
C266	4030009540	S.CER C1608 CH 1H 1R5B-T	T	218.7/95.5
C267	4030009910	S.CER C1608 CH 1H 040B-T	T	220.6/94.8
C269	4030007160	S.CER C1608 CH 1H 181J-T	T	14.2/96.3
C270	4030008770	S.CER C1608 JB 1H 562K-T	T	12.3/40.9
C271	4550003220	S.TAN TEESVA 1E 105M8R	T	17/33
C281	4030007050	S.CER C1608 CH 1H 220J-T	T	60.7/84.9
C282	4030007050	S.CER C1608 CH 1H 220J-T	T	64.6/91.6
C283	4030007050	S.CER C1608 CH 1H 220J-T	T	63.6/96.2
C284	4030007050	S.CER C1608 CH 1H 220J-T	T	65.1/78
C285	4030007050	S.CER C1608 CH 1H 220J-T	T	80.1/77.4
C286	4030007050	S.CER C1608 CH 1H 220J-T	T	82.9/77.4
C287	4030007050	S.CER C1608 CH 1H 220J-T	T	84.4/82.5
C288	4030007050	S.CER C1608 CH 1H 220J-T	T	84.4/85.3
C289	4030007050	S.CER C1608 CH 1H 220J-T	T	86.5/88.2
C290	4030007050	S.CER C1608 CH 1H 220J-T	T	86.2/93.5
C291	4030007050	S.CER C1608 CH 1H 220J-T	T	86/95.5
C292	4030007050	S.CER C1608 CH 1H 220J-T	T	71.6/102.4
C293	4030007050	S.CER C1608 CH 1H 220J-T	T	75.1/102
C294	4030007050	S.CER C1608 CH 1H 220J-T	T	79.1/101.5
C296	4030007050	S.CER C1608 CH 1H 220J-T	T	81.5/103.6
C297	4030007050	S.CER C1608 CH 1H 220J-T	T	83.5/102.5
C298	4030007050	S.CER C1608 CH 1H 220J-T	T	86.2/102.5
C299	4030007050	S.CER C1608 CH 1H 220J-T	T	87.8/91.6
C300	4030007050	S.CER C1608 CH 1H 220J-T	T	219.1/91.6
C301	4030006860	S.CER C1608 JB 1H 102K-T	T	58.1/94
C302	4030007050	S.CER C1608 CH 1H 220J-T	T	20.4/71.9
C303	4030007050	S.CER C1608 CH 1H 220J-T	T	12.9/74

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C304	4030007050	S.CER C1608 CH 1H 220J-T	T	27/72.6
C305	4030007050	S.CER C1608 CH 1H 220J-T	T	12.9/83.3
C306	4030007050	S.CER C1608 CH 1H 220J-T	T	21.4/89.8
C307	4030007050	S.CER C1608 CH 1H 220J-T	T	26.1/90.2
C308	4030007050	S.CER C1608 CH 1H 220J-T	T	23.1/73.2
C309	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/71.8
C310	4030007010	S.CER C1608 CH 1H 100D-T	T	35.9/74
C311	4030007010	S.CER C1608 CH 1H 100D-T	T	36.2/76.6
C312	4030007010	S.CER C1608 CH 1H 100D-T	T	36.5/79.2
C313	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/78.7
C314	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/81.4
C315	4030007010	S.CER C1608 CH 1H 100D-T	T	36.1/85.1
C316	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/85.2
C317	4030007010	S.CER C1608 CH 1H 100D-T	T	36.1/89
C318	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/89.2
C319	4030006860	S.CER C1608 JB 1H 102K-T	T	39.1/55.7
C320	4030007050	S.CER C1608 CH 1H 220J-T	T	10.5/103.8
C321	4030007050	S.CER C1608 CH 1H 220J-T	T	35.2/47.1
C322	4030007050	S.CER C1608 CH 1H 220J-T	T	34.4/39.7
C323	4030007050	S.CER C1608 CH 1H 220J-T	T	33.9/54.3
C324	4030007050	S.CER C1608 CH 1H 220J-T	T	25.1/39.7
C325	4030007050	S.CER C1608 CH 1H 220J-T	T	18.6/48.2
C326	4030007050	S.CER C1608 CH 1H 220J-T	T	18.6/52.9
C327	4030007050	S.CER C1608 CH 1H 220J-T	T	35.2/49.9
C328	4030007050	S.CER C1608 CH 1H 220J-T	T	36.3/55.7
C329	4030007050	S.CER C1608 CH 1H 220J-T	T	37/61.4
C330	4030007050	S.CER C1608 CH 1H 220J-T	T	35.7/61.4
C331	4030007050	S.CER C1608 CH 1H 220J-T	T	31.8/61.4
C332	4030007050	S.CER C1608 CH 1H 220J-T	T	30.5/61.4
C333	4030007050	S.CER C1608 CH 1H 220J-T	T	26.5/56.7
C334	4030007050	S.CER C1608 CH 1H 220J-T	T	26.2/61.4
C335	4030007050	S.CER C1608 CH 1H 220J-T	T	23.4/58.1
C336	4030007050	S.CER C1608 CH 1H 220J-T	T	22.3/61.4
C337	4030007050	S.CER C1608 CH 1H 220J-T	T	21.8/56.8
C338	4030007050	S.CER C1608 CH 1H 220J-T	T	13.5/33.6
C339	4030007050	S.CER C1608 CH 1H 220J-T	T	11.8/76.6
C340	4030007050	S.CER C1608 CH 1H 220J-T	T	11.2/78.5
C341	4030007050	S.CER C1608 CH 1H 220J-T	T	11.8/80.4
C342	4030007050	S.CER C1608 CH 1H 220J-T	T	24/91.8
C343	4030006860	S.CER C1608 JB 1H 102K-T	T	8.1/92.6
C344	4030007020	S.CER C1608 CH 1H 120J-T	T	37.4/94.3
C345	4030007130	S.CER C1608 CH 1H 101J-T	T	32.5/95.2
C346	4030009990	S.CER C1608 CH 1H 200J-T	T	31.7/93
C347	4030006880	S.CER C1608 JB 1H 472K-T	T	26.4/69.2
C348	4030010210	S.CER C3216 JB 1C 105M-T	T	30/70.7
C349	4030006860	S.CER C1608 JB 1H 102K-T	T	28.3/71
C350	4030007050	S.CER C1608 CH 1H 220J-T	T	16.6/51.2
C351	4030006860	S.CER C1608 JB 1H 102K-T	T	7.9/47.8
C352	4510008510	S.ELE EEE1CA471P	T	29.5/10.2
C353	4550006050	S.TAN TEESVA 0J 106M8R	T	137.5/97.4
C354	4550006050	S.TAN TEESVA 0J 106M8R	T	131.2/30.1
C355	4030007070	S.CER C1608 CH 1H 330J-T	T	132.5/86.3
C356	4550000550	S.TAN TEESVA 1V 224M8R	T	125.3/70.6
C358	4030006860	S.CER C1608 JB 1H 102K-T	T	128/63.1
C359	4030007090	S.CER C1608 CH 1H 470J-T	T	128/61.8
C360	4030011280	S.CER C1608 CH 1H 271J-T	T	18.9/60.6
C361	4030009580	S.CER C1608 JB 1H 681K-T	T	16.6/61.4
C362	4030006850	S.CER C1608 JB 1H 471K-T	T	14.7/60.6
C363	4030007140	S.CER C1608 CH 1H 121J-T	T	78.5/21.9
C364	4030007140	S.CER C1608 CH 1H 121J-T	T	80.6/17.8
C365	4030010210	S.CER C3216 JB 1C 105M-T	T	167.5/13.7
C366	4030007050	S.CER C1608 CH 1H 220J-T	T	232/59.7
C367	4030010210	S.CER C3216 JB 1C 105M-T	T	229.2/70.9
C368	4030006880	S.CER C1608 JB 1H 472K-T	T	58.8/35.8
C369	4030010210	S.CER C3216 JB 1C 105M-T	T	52.8/36.9
C370	4030006860	S.CER C1608 JB 1H 102K-T	T	52.4/40.8
C371	4530000410	S.ARY EZANCE 471M 470P	T	22.2/24.6
C372	4530000410	S.ARY EZANCE 471M 470P	T	21.6/16.3
C373	4530000400	S.ARY EZANCE 220M 22P	T	21.6/8
C374	4030011600	S.CER C1608 JB 1E 104K-T	T	108.2/98.4
C375	4030009530	S.CER C1608 CH 1H 030B-T	T	214.8/63.9
C376	4030006860	S.CER C1608 JB 1H 102K-T	T	212.2/72
C377	4030006860	S.CER C1608 JB 1H 102K-T	T	211.8/52.3
C378	4030006980	S.CER C1608 CH 1H 070D-T	T	217/72
C379	4030006990	S.CER C1608 CH 1H 080D-T	T	218.3/69.3
C380	4030009530	S.CER C1608 CH 1H 030B-T	T	217/69.3
C381	4030007000	S.CER C1608 CH 1H 090D-T	T	218.3/66.6
C382	4030009550	S.CER C1608 CH 1H 2R5B-T	T	217/66.6
C383	4030007100	S.CER C1608 CH 1H 560J-T	T	218.3/63.9
C384	4030009350	S.CER C1608 CH 1H 3R5B-T	T	217/63.9
C385	4030009550	S.CER C1608 CH 1H 2R5B-T	T	219.6/61.2
C386	4030009520	S.CER C1608 CH 1H 020B-T	T	218.3/61.2
C387	4030006970	S.CER C1608 CH 1H 060D-T	T	219.6/58.5
C388	4030009500	S.CER C1608 CH 1H 0R5B-T	T	218.3/58.5
C389	4030006970	S.CER C1608 CH 1H 060D-T	T	220.2/56.6
C390	4030009570	S.CER C1608 CH 1H 0R3B-T	T	218.3/55.8
C391	4030009350	S.CER C1608 CH 1H 3R5B-T	T	220.2/55
C392	4030006860	S.CER C1608 JB 1H 102K-T	T	219.6/72
C393	4030006860	S.CER C1608 JB 1H 102K-T	T	219.1/52.2
C394	4030008750	S.CER C1608 CH 1H 360J-T	T	229.2/84
C395	4030007020	S.CER C1608 CH 1H 120J-T	T	230/86.2
C396	4030007070	S.CER C1608 CH 1H 330J-T	T	227.8/82.7
C397	4030007090	S.CER C1608 CH 1H 470J-T	T	227.8/85.4
C398	4030007080	S.CER C1608 CH 1H 390J-T	T	227.8/87
C399	4030006860	S.CER C1608 JB 1H 102K-T	T	235.9/59.7
C400	4030006860	S.CER C1608 JB 1H 102K-T	T	233.3/59.7
C401	4030006860	S.CER C1608 JB 1H 102K-T	T	232/62.5

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C402	4030006860	S.CER C1608 JB 1H 102K-T	T	233.5/69.2
C403	4030006860	S.CER C1608 JB 1H 102K-T	T	228.4/68.7
C404	4030006860	S.CER C1608 JB 1H 102K-T	T	228/72.6
C405	4030006860	S.CER C1608 JB 1H 102K-T	T	235.3/72.4
C406	4030006860	S.CER C1608 JB 1H 102K-T	T	230.2/76.4
C407	4030006860	S.CER C1608 JB 1H 102K-T	T	157.2/9.2
C408	4030006860	S.CER C1608 JB 1H 102K-T	T	160/11.6
C409	4030006860	S.CER C1608 JB 1H 102K-T	T	160.7/14.2
C410	4030006860	S.CER C1608 JB 1H 102K-T	T	165.7/16.9
C411	4030006860	S.CER C1608 JB 1H 102K-T	T	169.4/15.1
C412	4030006860	S.CER C1608 JB 1H 102K-T	T	168.7/8.7
C413	4030006900	S.CER C1608 JB 1H 103K-T	T	173/13.3
C414	4030006990	S.CER C1608 CH 1H 080D-T	T	176/13.1
C415	4030007110	S.CER C1608 CH 1H 680J-T	T	175.2/15.7
C416	4030007140	S.CER C1608 CH 1H 121J-T	T	179.5/15.7
C417	4030007030	S.CER C1608 CH 1H 150J-T	T	181/14.2
C418	4030007130	S.CER C1608 CH 1H 101J-T	T	182.4/15.7
C419	4030006860	S.CER C1608 JB 1H 102K-T	T	156.2/7.3
C420	4030006860	S.CER C1608 JB 1H 102K-T	T	130.2/12.2
C421	4030007000	S.CER C1608 CH 1H 090D-T	T	128.9/12.2
C422	4030007110	S.CER C1608 CH 1H 680J-T	T	127.6/12.2
C423	4030007030	S.CER C1608 CH 1H 150J-T	T	128.1/10.2
C424	4030006860	S.CER C1608 JB 1H 102K-T	T	118.7/14.2
C425	4030006860	S.CER C1608 JB 1H 102K-T	T	130.8/8.4
C426	4030009530	S.CER C1608 CH 1H 030B-T	T	128.2/8.4
C427	4030007060	S.CER C1608 CH 1H 270J-T	T	128.2/7.1
C428	4030009920	S.CER C1608 CH 1H 050B-T	T	126.3/7.2
C429	4030006860	S.CER C1608 JB 1H 102K-T	T	117.2/7.5
C430	4030008920	S.CER C1608 JB 1H 473K-T	T	225.1/20.3
C431	4510008540	S.ELE EEE1CA100SR	T	201.1/7.7
C432	4030008920	S.CER C1608 JB 1H 473K-T	T	224.3/17.5
C433	4030006860	S.CER C1608 JB 1H 102K-T	T	224.3/16.1
C434	4030006860	S.CER C1608 JB 1H 102K-T	T	135.6/83
C435	4030007050	S.CER C1608 CH 1H 220J-T	T	65.1/76.7
C436	4030007050	S.CER C1608 CH 1H 220J-T	T	68.1/76.9
C437	4030007050	S.CER C1608 CH 1H 220J-T	T	68.5/75.6
C438	4030007050	S.CER C1608 CH 1H 220J-T	T	71.2/75.3
C439	4030007050	S.CER C1608 CH 1H 220J-T	T	72/78.2
C440	4030007050	S.CER C1608 CH 1H 220J-T	T	72.5/76.6
C441	4030007050	S.CER C1608 CH 1H 220J-T	T	75.2/78.7
C442	4030007050	S.CER C1608 CH 1H 220J-T	T	76.2/76.1
C443	4030007050	S.CER C1608 CH 1H 220J-T	T	76.2/74.8
C444	4030007050	S.CER C1608 CH 1H 220J-T	T	79.3/74.8
C445	4550006050	S.TAN TEESVA 0J 106M8R	T	58.7/81
C446	4030011600	S.CER C1608 JB 1E 104K-T	T	160.7/12.9
C447	4030006860	S.CER C1608 JB 1H 102K-T	T	219.5/50.3
C448	4030006860	S.CER C1608 JB 1H 102K-T	T	107.4/101.7
C449	4030006860	S.CER C1608 JB 1H 102K-T	T	102.7/102
C450	4030006860	S.CER C1608 JB 1H 102K-T	T	105/95.8
C451	4030007170	S.CER C1608 CH 1H 221J-T	T	105/83.3
C452	4030006860	S.CER C1608 JB 1H 102K-T	T	166.1/8.7
C453	4030006860	S.CER C1608 JB 1H 102K-T	T	161.3/9.2
C454	4030007050	S.CER C1608 CH 1H 220J-T	T	58.1/87.7
C455	4550000510	S.TAN TEESVA 1V 473M8R	T	131.6/70.8
C456	4030006900	S.CER C1608 JB 1H 103K-T	T	128.3/71.4
C457	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/50.3
C458	4030007090	S.CER C1608 CH 1H 470J-T	T	200.8/41.4
C459	4030007090	S.CER C1608 CH 1H 470J-T	T	201.3/52.6
C460	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/47.5
C461	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/53.1
C462	4030007090	S.CER C1608 CH 1H 470J-T	T	199.3/50.5
C463	4030007090	S.CER C1608 CH 1H 470J-T	T	149.6/47
C464	4030006860	S.CER C1608 JB 1H 102K-T	T	161.8/7.3
C465	4030006860	S.CER C1608 JB 1H 102K-T	T	164.2/14.9
CP1	6910009670	S.CHK HK3-S-T	T	104.1/89.9
CP3	6910009670	S.CHK HK3-S-T	T	106.9/32.6
J7	6510018450	CNR TMP-S01X-B1		
W21	8900004510	CBL OPC-452 A		
WS1	8600035471	RX1768 P01*J01PL-1		
WS2	8970022380	RX1768 COAXIAL TUBE (3)/PL		
WS3	8970022390	RX1768 1.5D COAXIAL TUBE (4)/PL		
WS4	8600035480	RX1768 J05PL		

[VCO-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q1	1560001311	S.FET MMBFU310LT1G		
Q2	1530003450	S.TR 2SC4835-R (TX)		
Q3	1560001311	S.FET MMBFU310LT1G		
Q4	1530003450	S.TR 2SC4835-R (TX)		
D1	1720000261	S.VCP 1SV214 (TPH2,F)		
D2	1720000261	S.VCP 1SV214 (TPH2,F)		
D3	1720000261	S.VCP 1SV214 (TPH2,F)		
D4	1720000261	S.VCP 1SV214 (TPH2,F)		
D5	1750000531	S.DIO 1SV271 (TPH3,F)		
D6	1720000261	S.VCP 1SV214 (TPH2,F)		
D7	1720000261	S.VCP 1SV214 (TPH2,F)		
D8	1790000540	S.VCP MA338 (TX)		
D9	1790000540	S.VCP MA338 (TX)		
D10	1750000531	S.DIO 1SV271 (TPH3,F)		
L1	6200003001	S.COL NLV32T-R22J		
L3	6200003331	S.COL NLV32T-1R0J		
L4	6200003251	S.COL NLV32T-R39J		
L5	6200003331	S.COL NLV32T-1R0J		
L6	6200003331	S.COL NLV32T-1R0J		
L7	6200003001	S.COL NLV32T-R22J		
L9	6200003331	S.COL NLV32T-1R0J		
L10	6200003251	S.COL NLV32T-R39J		
L11	6200003331	S.COL NLV32T-1R0J		
L12	6200008080	S.COL LQW2BHNR22J03L		
L13	6200002400	S.COL LQW31HNR10J03L		
R2	7030003200	S.RES ERJ3GEYJ 100 V (10)		
R3	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R4	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R5	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)		
R6	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)		
R7	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R8	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)		
R10	7030003200	S.RES ERJ3GEYJ 100 V (10)		
R11	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R12	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R13	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)		
R14	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)		
R15	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R16	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R17	7030003860	S.RES ERJ3GE JPW V		
C1	4030011340	S.CER C1608 CH 1H 471J-T		
C2	4030011340	S.CER C1608 CH 1H 471J-T		
C4	4030006850	S.CER C1608 JB 1H 471K-T		
C5	4030006850	S.CER C1608 JB 1H 471K-T		
C6	4030009530	S.CER C1608 CH 1H 030B-T		
C7	4030009530	S.CER C1608 CH 1H 030B-T		
C8	4030009500	S.CER C1608 CH 1H 0R5B-T		
C9	4510008500	S.ELE EEE1CA101WP		
C10	4030006850	S.CER C1608 JB 1H 471K-T		
C11	4030006850	S.CER C1608 JB 1H 471K-T		
C12	4030006970	S.CER C1608 CH 1H 060D-T		
C13	4030006850	S.CER C1608 JB 1H 471K-T		
C14	4030006850	S.CER C1608 JB 1H 471K-T		
C15	4030009530	S.CER C1608 CH 1H 030B-T		
C16	4030009530	S.CER C1608 CH 1H 030B-T		
C17	4030009500	S.CER C1608 CH 1H 0R5B-T		
C18	4510008500	S.ELE EEE1CA101WP		
C19	4030006860	S.CER C1608 JB 1H 102K-T		
C20	4030006970	S.CER C1608 CH 1H 060D-T		
C24	4030007050	S.CER C1608 CH 1H 220J-T		
C25	4030007050	S.CER C1608 CH 1H 220J-T		
C26	4030006860	S.CER C1608 JB 1H 102K-T		
C27	4030007050	S.CER C1608 CH 1H 220J-T		
C28	4030006860	S.CER C1608 JB 1H 102K-T		
C29	4030007050	S.CER C1608 CH 1H 220J-T		
C30	4030018630	S.CER C2012 CH 1H 472J-T		
C31	4030018630	S.CER C2012 CH 1H 472J-T		
J1	6510004960	CNR 3022-02B		
J3	6910008021	CNR IPS-1323-PT		
J4	6510004960	CNR 3022-02B		
J5	6910008021	CNR IPS-1323-PT		

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC2	1110006750	S.IC	TK14570LTL-G	T	177.6/72.7
IC3	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	173.8/64.9
IC4	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	161.2/72
IC5	1110006880	S.IC	uPC3217GV-E1	T	222.3/47.1
IC6	1110006730	S.IC	NJM2594V-TE1-#ZZZB	T	170.9/38.7
IC7	1110006730	S.IC	NJM2594V-TE1-#ZZZB	T	92.9/70
IC8	1110003491	S.IC	TA31136FNG (D,EL)	T	110/80.4
IC9	1110000960	S.IC	NJM4558M-TE1-#FMZB	B	124.1/99.5
IC10	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	42.5/87.2
IC11	1130011170	S.IC	BU4001BF-E2	B	52.2/92.9
IC12	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	62/91.1
IC13	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	152.4/73.5
IC15	1130007700	S.IC	BU4094BCF-E2	T	165.1/9.2
IC16	1130007700	S.IC	BU4094BCF-E2	T	155.6/9.2
IC17	1180001071	S.IC	TA7805F (TE16L,Q)	T	13.8/3.6
IC18	1130007700	S.IC	BU4094BCF-E2	T	174.7/9.2
IC19	1130007690	S.IC	BU4066BCF-E2	B	73/79.1
IC20	1110006300	S.IC	NJM2172V-TE1-#ZZZB	T	36.1/66.3
IC21	1110002550	IC	TA7252AP		
IC22	1180001531	IC	PQ30RV31J00H		
IC23	1110002031	IC	TA7808S (Q)		
IC24	1180001251	S.IC	TA7808F (TE16L,Q)	T	62.6/34
IC25	1180001510	S.IC	AN78L24M-(E1)	B	76.2/42.3
IC26	1180001500	S.IC	AN79L08M-(E1)	B	92.2/23.6
IC27	1130005721	S.IC	TC7W04F (TE12L,F)	T	247.9/72.3
IC28	1120002510	S.IC	DS14C232TM S	B	240.6/80
IC29	1130007680	S.IC	BU4053BCF-E2	B	61.9/70.4
IC30	1130007680	S.IC	BU4053BCF-E2	B	75/69.4
IC31	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	63.7/60.5
IC32	1110003800	S.IC	NJM2904V-TE1-#FMZB	T	80.4/67.2
IC33	1140012701	S.IC	HD64F3334YF16V (RX1768D)	T	246.6/57.5
IC34	1140005612	S.IC	HN58C256AFP10E	B	245.5/66
IC35	1130011180	S.IC	BU4081BF-E2	B	253.2/79.7
IC37	1110005711	S.IC	S-80842CLUA-B63-T2G	T	255.4/14.8
IC38	1180001071	S.IC	TA7805F (TE16L,Q)	T	235.8/14
IC39	1130013390	S.IC	CAT5113V-50-TE13	B	72.4/57.4
IC40	1130005591	S.IC	TC74HC86AF (F)	B	88.1/95.4
IC41	1130005121	S.IC	TC74HC74AF (EL,F)	B	77.1/95.4
IC42	1110005711	S.IC	S-80842CLUA-B63-T2G	B	40.1/55.5
IC43	1130005641	S.IC	TC4W53F (TE12L,F)	B	167/70
Q1	1530002280	S.TR	2SC4081 T106 S	T	184.8/99.8
Q2	1580000540	S.FET	3SK131-T2-LA	B	207.5/85.6
Q3	1590001330	S.TR	DTA114EUA T106	T	183.7/78.4
Q4	1580000540	S.FET	3SK131-T2-LA	B	205.7/71.9
Q5	1530002981	S.TR	2SC3650-TD-E	T	166.2/90.8
Q6	1530002280	S.TR	2SC4081 T106 S	B	173.2/62.1
Q7	1590001770	S.TR	XP1213 (TX)	T	158.3/79.2
Q8	1590002010	S.TR	XP1114 (TX)	T	183.2/32.9
Q9	1560000561	S.FET	2SK882-GR (TE85L,F)	B	213/56.8
Q10	1590001650	S.TR	XP4601 (TX)	T	211.2/39.2
Q11	1560000561	S.FET	2SK882-GR (TE85L,F)	B	220.2/38.9
Q12	1530002280	S.TR	2SC4081 T106 S	T	215.4/43.4
Q13	1590001960	S.TR	XP4311 (TX)	T	211.1/44.8
Q14	1530002280	S.TR	2SC4081 T106 S	B	205.5/53.4
Q15	1580000540	S.FET	3SK131-T2-LA	B	199.1/56.3
Q16	1580000540	S.FET	3SK131-T2-LA	B	114.3/63.7
Q17	1580000540	S.FET	3SK131-T2-LA	B	102.7/63.2
Q18	1530002280	S.TR	2SC4081 T106 S	T	99.2/73.9
Q20	1590000430	S.TR	DTC144EUA T106	T	124.1/100.9
Q21	1510000771	S.TR	2SA1586-GR (TE85L,F)	T	120.1/100.9
Q23	1510000771	S.TR	2SA1586-GR (TE85L,F)	B	108/98.3
Q25	1590001330	S.TR	DTA114EUA T106	T	118.8/95.7
Q26	1590001770	S.TR	XP1213 (TX)	T	122/95.7
Q27	1530002280	S.TR	2SC4081 T106 S	B	101/85.6
Q28	1590001451	S.FET	2SJ144-GR (TE85R,F)	B	65/98.5
Q29	1590001770	S.TR	XP1213 (TX)	T	124.9/92.4
Q30	1590000430	S.TR	DTC144EUA T106	T	53.5/84.2
Q31	1590000430	S.TR	DTC144EUA T106	B	155.7/72.1
Q32	1590001330	S.TR	DTA114EUA T106	T	169/20.2
Q33	1590001770	S.TR	XP1213 (TX)	T	168.9/16.6
Q34	1590001770	S.TR	XP1213 (TX)	T	166.3/16.2
Q35	1590001001	S.TR	RN2427 (TE85L,F)	T	145.6/6
Q36	1590000430	S.TR	DTC144EUA T106	T	150.1/10.4
Q37	1590001770	S.TR	XP1213 (TX)	T	177.4/16.7
Q39	1590001001	S.TR	RN2427 (TE85L,F)	T	182/23.2
Q40	1590001770	S.TR	XP1213 (TX)	T	180/16.7
Q41	1590002010	S.TR	XP1114 (TX)	T	177.4/20.8
Q42	1590001770	S.TR	XP1213 (TX)	T	174.1/16.7
Q43	1590002010	S.TR	XP1114 (TX)	T	174.3/20.8
Q44	1590001770	S.TR	XP1213 (TX)	T	171.5/16.7
Q45	1590002010	S.TR	XP1114 (TX)	T	171.5/20.2
Q46	1590001330	S.TR	DTA114EUA T106	T	67.1/79.1
Q47	1530002280	S.TR	2SC4081 T106 S	T	61/74.4
Q48	1530002280	S.TR	2SC4081 T106 S	B	44.2/70.4
Q49	1530002280	S.TR	2SC4081 T106 S	T	35.6/83.3
Q50	1530002280	S.TR	2SC4081 T106 S	B	37.8/4.2
Q51	1530002801	S.TR	2SC2873-Y (TE12R,CF)	T	62.8/26
Q52	1530002801	S.TR	2SC2873-Y (TE12R,CF)	T	62.8/20.8
Q53	1590001650	S.TR	XP4601 (TX)	T	242/72.3
Q54	1590001770	S.TR	XP1213 (TX)	T	61.5/66.5
Q55	1590001330	S.TR	DTA114EUA T106	T	138.7/16.1
Q56	1590001330	S.TR	DTA114EUA T106	T	180.1/20.6
Q57	1530002280	S.TR	2SC4081 T106 S	T	243.8/19.6
Q58	1590001960	S.TR	XP4311 (TX)	T	201.4/42.6
Q59	1590000430	S.TR	DTC144EUA T106	B	128.7/95.4

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
Q60	1590000430	S.TR	DTC144EUA T106	T	122/98.3
Q61	1590000430	S.TR	DTC144EUA T106	B	169.2/78.3
Q62	1530002280	S.TR	2SC4081 T106 S	T	51.5/72
Q63	1590000430	S.TR	DTC144EUA T106	T	69/75.1
Q64	1530002280	S.TR	2SC4081 T106 S	B	104.9/72.3
Q65	1560000561	S.FET	2SK882-GR (TE85L,F)	B	101.1/95.2
Q66	1530002280	S.TR	2SC4081 T106 S	B	85/84.8
Q67	1530002280	S.TR	2SC4081 T106 S	B	76.2/88.3
Q68	1590000430	S.TR	DTC144EUA T106	B	79.6/88.3
Q69	1590001960	S.TR	XP4311 (TX)	T	85.5/93.5
Q70	1590000430	S.TR	DTC144EUA T106	T	150.8/65.5
Q71	1510000701	S.TR	2SA1736 (TE12R,F)	B	17/79
Q72	1560000831	S.FET	2SK2036 (TE85L,F)	B	18.5/73.6
Q73	1560000831	S.FET	2SK2036 (TE85L,F)	B	33.1/56.9
Q74	1590000430	S.TR	DTC144EUA T106	B	135.5/97.1
Q75	1590000430	S.TR	DTC144EUA T106	B	138.6/86.9
Q491	1560000831	S.FET	2SK2036 (TE85L,F)	T	254/75.2
D1	1790000450	S.DIO	MA862 (TX)	B	184.3/91.3
D2	1790000450	S.DIO	MA862 (TX)	B	217.2/78.8
D3	1790000450	S.DIO	MA862 (TX)	B	217.2/75
D4	1750000550	S.DIO	1SS355 TE-17	T	256.4/39.3
D5	1750000111	S.DIO	1SS272 (TE85R,F)	T	183.3/36.4
D6	1790000450	S.DIO	MA862 (TX)	B	186.4/36.6
D7	1790000450	S.DIO	MA862 (TX)	B	177.4/36.7
D8	1790000450	S.DIO	MA862 (TX)	B	186.4/40.8
D9	1790000450	S.DIO	MA862 (TX)	B	177.4/40.8
D10	1790001211	S.DIO	1SS375-TL-E	B	219.5/46.1
D11	1790000450	S.DIO	MA862 (TX)	B	143.8/53.3
D12	1790000450	S.DIO	MA862 (TX)	B	115.9/56.4
D13	1790000450	S.DIO	MA862 (TX)	B	139.9/77.7
D14	1790000450	S.DIO	MA862 (TX)	B	119.3/76.6
D15	1790001211	S.DIO	1SS375-TL-E	T	93.4/77.7
D16	1790001211	S.DIO	1SS375-TL-E	B	134/94.5
D17	1750000550	S.DIO	1SS355 TE-17	T	125.1/98.3
D18	1750000520	S.DIO	DAN222TL	T	127.8/100.9
D19	1750000111	S.DIO	1SS272 (TE85R,F)	T	119.9/91.1
D20	1790001211	S.DIO	1SS375-TL-E	B	100.9/77.7
D21	1750000520	S.DIO	DAN222TL	T	124.9/94.8
D23	1750000550	S.DIO	1SS355 TE-17	T	153/87.5
D24	1750000520	S.DIO	DAN222TL	T	258.4/39
D25	1750000111	S.DIO	1SS272 (TE85R,F)	T	57.3/86.9
D26	1750000520	S.DIO	DAN222TL	T	74.6/85.3
D27	1750000550	S.DIO	1SS355 TE-17	T	63.9/85.9
D28	1750000520	S.DIO	DAN222TL	T	150.8/68.1
D29	1750000550	S.DIO	1SS355 TE-17	T	253.8/39.3
D31	1750000520	S.DIO	DAN222TL	T	71.4/79.1
D32	1750000520	S.DIO	DAN222TL	T	73.1/80.7
D33	1750000550	S.DIO	1SS355 TE-17	T	69.4/78.2
D34	1790000700	DIO	DSA3A1		
D35	1790000700	DIO	DSA3A1		
D38	1750000550	S.DIO	1SS355 TE-17	T	43.5/3.1
D39	1750000111	S.DIO	1SS272 (TE85R,F)	T	79.4/30.7
D40	1750000111	S.DIO	1SS272 (TE85R,F)	T	82.9/31
D41	1750000111	S.DIO	1SS272 (TE85R,F)	T	87/29.2
D42	1750000111	S.DIO	1SS272 (TE85R,F)	T	87.2/32.7
D43	1750000550	S.DIO	1SS355 TE-17	T	239.4/70
D44	1750000111	S.DIO	1SS272 (TE85R,F)	T	141.9/19
D45	1750000550	S.DIO	1SS355 TE-17	T	10.6/22.7
D46	1750000550	S.DIO	1SS355 TE-17	T	256.6/21.8
D47	1750000111	S.DIO	1SS272 (TE85R,F)	B	248/41.2
D48	1750000520	S.DIO	DAN222TL	T	248.7/42.3
D54	1730000431	S.ZEN	RD10M-T2B-A B2	T	160.1/91.8
D55	1750000550	S.DIO	1SS355 TE-17	T	147.9/9.2
D56	1710000840	S.DIO	1SR154-400 TE25	B	26.5/47.2
D57	1710000840	S.DIO	1SR154-400 TE25	B	26.5/44.1
D59	1750000550	S.DIO	1SS355 TE-17	T	77.5/99.5
D60	1750000550	S.DIO	1SS355 TE-17	T	70.4/92.1
D61	1790000450	S.DIO	MA862 (TX)	B	86/64
D62	1750000520	S.DIO	DAN222TL	T	148.7/67.7
D63	1750000520	S.DIO	DAN222TL	T	147.6/24.9
D64	1750000550	S.DIO	1SS355 TE-17	T	252.4/41.1
D65	1750000550	S.DIO	1SS355 TE-17	T	259.6/44.9
D66	1750000550	S.DIO	1SS355 TE-17	T	78.3/38.4
D67	1790001240	S.DIO	MA2S728-(TX)	B	213.2/53.5
D68	1790001240	S.DIO	MA2S728-(TX)	B	212/53.5
FI1	2020001170	S.CER	SFECA10.7MS2-A-TC (SFECA10.7MS2	T	190.2/70.5
FI2	2020001170	S.CER	SFECA10.7MS2-A-TC (SFECA10.7MS2	T	184.3/66.4
FI3	2010000090	FIL	10M15BA (FL-75)		
FI4	2020000210	CER	CFJ455K5 (FL-65)		
FI5	2020001181	S.CER	SFPKA455KH1A-R1	T	134.5/68.2
FI6	2020001181	S.CER	SFPKA455KH1A-R1	T	124.7/68.2
FI7	2020001051	S.CER	SFPKA455KE4A-R1	T	134.8/79
FI8	2020001051	S.CER	SFPKA455KE4A-R1	T	124.7/79
X1	6070000250	S.DCR	CDSCB10M7GF122-R0	T	171.8/74.6
X2	6070000151	S.DCR	CDBKB455KCAY24-R0	T	108/72
X3	6050009661	S.XTL	MA-406 (9.8304 MHz-F)	T	239/41.1
L1	6200003051	S.COL	NLV32T-R82J	B	190.3/80.3

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L2	6200003381	S.COL #617PT-1837=P3	T	191.1/85.5
L3	6200003381	S.COL #617PT-1837=P3	T	180.6/85.5
L4	6200003261	S.COL NLV32T-101J	T	181.8/93.7
L5	6200003021	S.COL NLV32T-R33J	B	180/98.9
L6	6200000020	S.COL LQH32MN101K23L	T	174.6/91.3
L7	6150004170	COL LS-476		
L8	6150004170	COL LS-476		
L9	6150004200	COL LS-479		
L10	6150004210	COL LS-480		
L13	6200003151	S.COL NLV32T-180J	T	165.2/66.3
L14	6150004200	COL LS-479		
L17	6150004210	COL LS-480		
L18	6150004170	COL LS-476		
L20	6200003261	S.COL NLV32T-101J	T	222.6/34.9
L21	6150004170	COL LS-476		
L22	6150004170	COL LS-476		
L23	6200003261	S.COL NLV32T-101J	T	164.9/39.2
L24	6200005501	S.COL NLV32T-471J	B	114.8/71.5
L25	6150002271	COL LS-451		
L26	6150002291	COL LS-450		
L27	6200003261	S.COL NLV32T-101J	T	116.1/76.3
L28	6200003950	S.COL HF50ACC 322513-T	T	73.8/12.6
L29	6200003261	S.COL NLV32T-101J	T	183.8/16.6
L30	6200003261	S.COL NLV32T-101J	T	44.8/8.3
L31	6200003261	S.COL NLV32T-101J	T	70.8/12.3
L32	6200003261	S.COL NLV32T-101J	T	187.9/16.7
L33	6200003261	S.COL NLV32T-101J	T	191.8/28.5
L34	6200003950	S.COL HF50ACC 322513-T	T	191.8/25.5
L37	6200003950	S.COL HF50ACC 322513-T	T	228.5/6.9
L38	6200003261	S.COL NLV32T-101J	T	28.8/65
L39	6170000140	COL LW-15		
L40	6200003021	S.COL NLV32T-R33J	B	173.6/91.8
L41	6200003950	S.COL HF50ACC 322513-T	T	155.3/91.4
L42	6200003950	S.COL HF50ACC 322513-T	T	22.6/90.4
L43	6200003950	S.COL HF50ACC 322513-T	T	22.6/93.8
L44	6180002690	COL SK-17P-070-110		
L45	6200005160	S.COL 7A06L-101K-A	T	54.5/23.1
L46	6200005170	S.COL 7010-2N-1768	T	74.9/23.1
L47	6200001851	S.COL NLV32T-5R6J	B	224.3/41.5
L48	6200005160	S.COL 7A06L-101K-A	T	52.9/42.3
L49	6200003261	S.COL NLV32T-101J	T	104/95.8
L50	6200003261	S.COL NLV32T-101J	T	100.6/98.3
L51	6200003261	S.COL NLV32T-101J	T	82.1/98.8
L52	6200003261	S.COL NLV32T-101J	T	69.2/49.9
L53	6200000020	S.COL LQH32MN101K23L	T	171.6/91.3
L54	6200002861	S.COL NLV25T-4R7J	T	170.6/78.4
R2	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	191.1/85.9
R3	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	181/85.5
R4	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	186.1/93.6
R5	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	T	185.1/97.9
R6	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	183.2/96.6
R7	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	185.8/101.7
R8	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	204.3/80
R9	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	206/81.9
R10	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	205/85.7
R11	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	206.5/88.6
R12	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	208/82.1
R14	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	211.2/85.1
R15	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	209.9/81.9
R16	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	219.5/85.3
R17	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	221.9/77.7
R18	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	215.9/70.6
R19	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	212.7/72.1
R20	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	208.4/72.1
R21	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	207.1/75.1
R22	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	206.1/68.8
R23	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	201.2/76.4
R24	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	204.5/72
R25	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	205.4/75.1
R26	7030000340	S.RES MCR10EZHJ 470 (471)	T	166/87
R27	7030003860	S.RES ERJ3GE JPW V	B	199.1/71.6
R33	7030003410	S.RES ERJ3GEYJ 561 V (560)	T	189.3/67.6
R34	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	166.1/74.7
R35	7030003560	S.RES ERJ3GEYJ 103 V (10 k) [OTH-02], [EUR-01]	B	170.9/76.4
	7030003860	S.RES ERJ3GE JPW V [CHN]	B	170.9/76.4
R36	7030003640	S.RES ERJ3GEYJ 473 V (47 k) [OTH-02], [EUR-01]	B	168.3/76.4
	7030003660	S.RES ERJ3GEYJ 683 V (68 k) [CHN]	B	168.3/76.4
R37	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	172.4/75.1
R38	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	163.9/85.7
R39	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	163.1/83.8
R40	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	175.3/76.9
R41	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	177.9/75.7
R42	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	T	175.5/60.9
R43	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	173.5/60.2
R44	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	172.1/78.3
R49	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	175.2/62
R50	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	176.6/62
R52	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	171.6/60.3
R55	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	B	157.1/79
R56	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	155.1/83.9
R57	7030000580	S.RES MCR10EZHJ 47 k [OTH-02], [EUR-01]	B	156.7/83.9
	7030003640	S.RES ERJ3GEYJ 473 V (47 k) [CHN]	B	156.7/83.9

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R58	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	161.1/82.3
R59	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	162/77.5
R60	7310004840	S.TRI EVM-3YSX50 B35 (304)	T	162.8/79.1
R61	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	B	160.6/77.5
R62	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	161.2/76.6
R65	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	155.9/74.9
R67	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	227.3/74.3
R68	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	188.8/40.7
R69	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	184.1/35.4
R70	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	181.9/34.6
R71	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	179.7/35.4
R72	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	178.9/33
R73	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	184.1/40.5
R74	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	181.9/41.3
R75	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	179.7/40.5
R76	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	180.5/42.6
R77	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	174.4/39.9
R78	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	181.8/30.9
R79	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	199.6/63
R80	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	192.2/60.1
R81	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	194/59.6
R82	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	212.9/58.8
R83	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	214.5/53.6
R85	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	T	210/37.1
R88	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	222.1/39
R89	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	216.4/38.4
R90	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	215.6/42.5
R91	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	215.3/41.4
R92	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	B	212.1/45
R93	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	208.2/47.7
R94	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	B	215.2/47.1
R95	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	211.1/42.7
R96	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	211.3/51
R97	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	210.1/44.7
R98	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	208.2/45.5
R99	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	207.4/49.2
R101	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	202.3/56.3
R102	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	199/58.7
R103	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	196/56.6
R104	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	200.2/49.1
R106	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	202.6/53.9
R107	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	165.6/37.1
R108	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	140.2/66.8
R110	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	140.6/52.3
R111	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	136.6/52.3
R113	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	117/53.1
R114	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	119.6/51.5
R115	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	141.4/59.9
R116	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	140.6/54.3
R117	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	137.7/54.3
R118	7030003860	S.RES ERJ3GE JPW V	B	118.2/60.3
R119	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	118.2/57.6
R120	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	119/55.4
R121	7030003400	S.RES ERJ3GEYJ 471 V (470) [OTH-02], [EUR-01]	B	138.5/72.3
	7030003860	S.RES ERJ3GE JPW V [CHN]	B	138.5/72.3
R122	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	136.9/76.7
R123	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	134.2/76.7
R124	7030003860	S.RES ERJ3GE JPW V	B	121.6/73.6
R125	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k) [CHN]	B	122.4/75.6
	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k) [OTH-02], [EUR-01]	B	122.4/75.6
R126	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	126.2/75.9
R127	7030003360	S.RES ERJ3GEYJ 221 V (220) [OTH-02], [EUR-01]	B	139.7/81.9
	7030003860	S.RES ERJ3GE JPW V [CHN]	B	139.7/81.9
R128	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	136.9/78.7
R129	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	134.2/78.7
R130	7030003860	S.RES ERJ3GE JPW V	B	121.6/79.6
R131	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k) [CHN]	B	122.4/77.6
	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k) [OTH-02], [EUR-01]	B	122.4/77.6
R132	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	126.2/79.5
R133	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	119/63.4
R134	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	116.6/66.9
R135	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	114.7/60.6
R136	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	114.1/67.4
R137	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	114.3/66.9
R138	7510001390	S.TMR NTCG20 3FH 332JT	T	103.4/65.7
R139	7310004820	S.TRI EVM-3YSX50 B33 (302)	T	103.6/61.2
R140	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	105.8/67.3
R141	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	102.7/59.7
R142	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	101.8/66.1
R143	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	101.8/67.4
R144	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	112.7/74.3
R145	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	115.4/75.6
R146	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	92.5/72.3
R147	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	93.3/74.2
R148	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	92.5/78.9
R149	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	89.7/78.9
R150	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	89.7/76.9
R151	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	86/64
R152	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	101.1/74
R153	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	100/70.7
R154	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	97.3/74
R155	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	91.4/78.8
R156	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	93.5/82.2

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R157	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	93.5/80.9
R158	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	91.5/83
R159	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	88.6/83
R160	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	107.2/80.1
R163	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	114.9/82.2
R164	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	113.4/85.2
R165	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	113.4/87.8
R166	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	110.7/90.8
R167	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	78.2/75.3
R168	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	137.9/96
R169	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	137.9/98.9
R170	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	161.3/71.7
R173	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	160.5/67.5
R174	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	158.6/73.5
R175	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	160.3/66.8
R176	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	126.1/100.9
R178	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	114.9/100.8
R179	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	110.2/100.2
R180	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	110.2/97.3
R181	7030003610	S.RES ERJ3GEYJ 273 V (27 k)	B	111.6/100
R182	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)	B	114.2/93.9
R183	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	116.3/96.3
R184	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	108.3/93.3
R186	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	120.5/93.5
R187	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	101.8/87.7
R188	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	100.9/80.8
R190	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	92.3/52.6
R191	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	B	117.1/102.1
R192	7510001390	S.TMR NTCG20 3FH 332JT	B	114.1/102.4
R193	7030005451	S.RES ERA3YED 153V (15 k)	T	128.7/98.4
R194	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	119/102.2
R195	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	118.7/100.2
R196	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	121.8/95.3
R197	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	118.2/97.9
R199	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	137.6/91.6
R200	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	47.5/86.4
R201	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	47.7/83.2
R202	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	43.1/89.1
R203	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	46.4/84.8
R204	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	41.8/85.4
R205	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	45.2/90.6
R206	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	38.6/90.3
R207	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	41.6/89.9
R208	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	58.5/93.5
R209	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	51.3/87.3
R210	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	51.7/95.7
R211	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	66.4/95.1
R212	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	58.5/92.3
R213	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	64.5/95.9
R214	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	62.8/98.6
R215	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	72.1/85.9
R216	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	61.4/91
R217	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	55.4/89.8
R218	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	58.3/90
R219	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	56.5/91.7
R220	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	57.6/88.7
R221	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	60.7/85.9
R222	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	65.1/89.4
R224	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	56.8/85.7
R225	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	T	56.4/84.5
R226	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	72.1/84.6
R227	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	60.7/85.7
R228	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	59/89.5
R229	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	53.5/87.3
R230	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	131.7/90.5
R231	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	151.9/73.1
R232	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	153.5/68
R233	7310004870	S.TRI EVM-3YSX50 B54 (503)	T	154.8/65
R234	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	154.4/78.2
R235	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	151/76
R236	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	151.8/79.3
R237	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	149.8/68.9
R238	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	155.8/70.2
R240	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	250.9/23.8
R244	7030007510	S.RES ERJ12YJ270U (27)	B	30/3.3
R245	7030007510	S.RES ERJ12YJ270U (27)	B	26.3/3.3
R246	7410001070	S.ARY EXB-V8V 221V (220)	T	166.2/21.9
R247	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	75.7/72.8
R248	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	65.9/78.3
R249	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	64.5/77.5
R250	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	65.3/75.3
R251	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	B	56.4/72.3
R252	7310004290	TRI RH0615CS4J 47K (473)		
R253	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	48/73.3
R254	7310004290	TRI RH0615CS4J 47K (473)		
R255	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	46.4/73.3
R256	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	44.2/72.5
R257	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	43.9/76.4
R258	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	44.2/68.2
R259	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	44.7/63.9
R260	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	43.4/59.7
R261	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	43.5/62.4
R262	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	41.1/67.4
R263	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	45.3/71.7
R264	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	36.8/71.3
R265	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	27.3/59.3
R266	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	48.3/84.2

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R267	7030003570	S.RES ERJ3GEYJ 123 V (12 k)	T	33.4/76.4
R268	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	37.7/81.3
R269	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	37.7/84
R270	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	41.8/77.2
R271	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	35.5/81.2
R272	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	35.5/85.2
R273	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	33.4/85.9
R274	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	23.8/64.1
R275	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	23.8/65.4
R276	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	17.5/73.9
R277	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	18.8/69.8
R278	7030004050	S.RES ERJ3GEYJ 1R0 V (1)	T	30.4/78.5
R279	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	4.9/33.5
R280	7310004780	S.TRI EVM-3YSX50 B13 (102)	T	9/33.5
R281	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	13.1/32.5
R282	7030010540	S.RES ERJ1TYJ 330U (33)	B	12.2/29.9
R283	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.8/1
R284	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.8/2.3
R285	7030010540	S.RES ERJ1TYJ 330U (33)	B	12.2/25.8
R286	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	59.5/23.2
R287	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	59.4/26.7
R288	7030006220	S.RES ERJ12YJ470U (47)	B	74.7/35.6
R289	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	86.8/37.9
R290	7030007510	S.RES ERJ12YJ270U (27)	B	86.6/23.1
R291	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	95.1/30.5
R292	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	251.4/70.9
R293	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	244.4/72.3
R294	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	242.8/74.2
R295	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	239.5/72.3
R296	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	T	238.2/72.3
R297	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	58.2/66.1
R298	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	64.3/69.7
R299	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	66.7/75.8
R300	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	69.3/71.5
R301	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	68.9/59.3
R302	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	65.1/71
R303	7030003570	S.RES ERJ3GEYJ 123 V (12 k)	T	65.1/72.3
R304	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	67.9/55.7
R305	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	T	68.9/57.3
R306	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	64/56.2
R307	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	63.7/63.9
R308	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	62.7/56.2
R309	7030003670	S.RES ERJ3GEYJ 823 V (82 k)	B	69.1/68.6
R310	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	70.5/65.8
R311	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	58.2/61
R312	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	61.4/56.2
R315	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)	T	112.4/73.4
R316	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	112.1/85.2
R317	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	106/84.5
R318	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	107.8/83.7
R319	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	123.7/95.3
R320	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	125.1/95.3
R322	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	128.7/99.1
R323	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	86.1/58.7
R324	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	95.5/84.1
R325	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	40.4/6.9
R326	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	46.2/56.4
R329	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	127.6/93.3
R330	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/54.1
R331	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/52.8
R332	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/51.5
R333	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	258.8/19.2
R334	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	258.8/15.8
R335	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	247.6/20.8
R336	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	251.9/21.6
R337	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	253.8/20.8
R338	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	250/20.8
R339	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	252.8/38.3
R340	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	252.3/33.5
R341	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	252.3/36.9
R342	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	258.3/68.5
R343	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	259.1/70.5
R344	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/33
R345	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.6/25.1
R346	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.6/23.8
R347	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	258.6/61.4
R348	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/30.4
R349	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	247.7/46.1
R350	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	249.3/40.6
R351	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	236.2/51.1
R352	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	T	253.8/71.7
R353	7030003860	S.RES ERJ3GE JPW V	B	257/62.4
R354	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	254.4/26.5
R355	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	254.4/27.8
R356	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/29.1
R357	7030010610	S.RES ERJ1TYJ 470U (47)	T	233.5/5.1
R358	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	253.8/72.9
R359	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	250/4.9
R361	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	153.6/84.5
R362	7510001380	S.TMR NTCG20 3JH 472JT	T	153.8/82.9
R364	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	124.4/93.3
R365	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	71.8/62.5
R366	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	66.1/58.8
R367	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	105/66.3
R368	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	97.2/62.1
R370	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	82.3/61.4
R371	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	183.3/37.5

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R372	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	209.3/43.2
R373	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	196.3/81.8
R374	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	221.9/76.1
R375	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	184.5/30.9
R376	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	170.4/34.7
R377	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	68.9/58
R378	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	61.8/60.5
R379	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	49.1/72.2
R380	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	51.5/70
R381	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	51.5/73.9
R382	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	48.3/70
R383	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)	T	89.4/81
R384	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	222.2/52.4
R385	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	191.1/88
R386	7030003270	S.RES ERJ3GEYJ 390 V (39)	B	189/88.8
R387	7030003340	S.RES ERJ3GEYJ 151 V (150)	B	191.1/89.6
R388	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	201.7/84.9
R389	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	129.7/70.3
R390	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	89/56.2
R391	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	91.1/57
R392	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	119.7/98.3
R393	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	122.1/100.9
R394	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	125/96.5
R395	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	58.2/67.9
R396	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.7/72.8
R397	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.7/71.4
R398	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	75.5/71
R399	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	110.3/100
R400	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	112.9/100
R401	7030003670	S.RES ERJ3GEYJ 823 V (82 k)	B	114.9/99.2
R402	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	39/6.9
R403	7030003440	S.RES ERJ3GEYJ 102 V (1 k) [CHN]	B	173.5/76.4
	7030003560	S.RES ERJ3GEYJ 103 V (10 k) [OTH-02], [EUR-01]	B	173.5/76.4
R404	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	107.9/88.4
R406	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	144/91.7
R407	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	47.2/69.6
R408	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	63.7/63.3
R409	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	58.8/54.3
R410	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	74.3/50.1
R411	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	39.9/84.6
R412	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.9/84.9
R413	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	B	107/90.8
R414	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	81.8/72.7
R415	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	79/72.5
R416	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	78.1/62.4
R417	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	106.9/72.2
R418	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	106.9/69.3
R419	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	109.7/74.3
R420	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	106.9/74.3
R421	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	108.9/70.1
R423	7030003860	S.RES ERJ3GE JPW V	B	33.7/66.8
R424	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	78.5/61.1
R425	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	30.6/66.8
R426	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	100/100.5
R427	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	100/97.8
R428	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	101.1/93.3
R429	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	89.2/86.8
R430	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	87.1/84.7
R431	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	87.1/81.8
R432	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	86.5/86.8
R433	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	89.2/82.6
R435	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	93.3/98.6
R436	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	92.5/100.6
R437	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	94.6/94.6
R438	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	93.3/94.6
R439	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	81.1/101.5
R440	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	82.7/94.5
R441	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	82.9/98.6
R442	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	71.9/98.8
R443	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	71.9/95.5
R444	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	70.3/92.4
R445	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	72.5/90.4
R446	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	72.8/92.1
R447	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	67.7/95.1
R448	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.8/90.8
R450	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	84.7/60
R451	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	88.9/66.2
R452	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	84.3/66.4
R454	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	101.7/82.8
R455	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	72.9/50.1
R456	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	245.5/46.1
R457	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	253.6/33.5
R458	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	252.4/45.8
R459	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.7/45.8
R460	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	240.4/44.5
R461	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	241.7/44.1
R462	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	241.3/47.1
R463	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	240/47.5
R464	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.3/49.3
R465	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.3/50.6
R466	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.8/51.9
R467	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	243.2/53.2
R468	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.7/66.1
R469	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.5/67.4
R470	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.2/68.7
R471	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	251.2/68.6

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R472	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	237.2/52.9
R473	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	238.5/52.9
R474	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	239.8/52.9
R475	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	250.4/38.3
R476	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	249.1/38.3
R477	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	112.5/97.2
R478	7510001410	S.TMR NTCG20 3FH 222JT	B	114.1/96.9
R480	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	114.9/83.4
R481	7030007510	S.RES ERJ12YJ270U (27)	B	33.7/3.3
R482	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	68.1/61.3
R483	7030000440	S.RES MCR10EZHJ 3.3 k	B	14.1/74.7
R484	7030000440	S.RES MCR10EZHJ 3.3 k	B	16/74.7
R485	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	22/71.8
R486	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	35.6/56.3
R487	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	193.4/55.9
R488	7510001370	S.TMR NTCG20 3NH 153JT	B	191.8/55.7
R490	7510001400	S.TMR NTCG20 3BH 152JT	B	115.1/77.2
R491	7030007510	S.RES ERJ12YJ270U (27)	B	15/84
R494	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	253.8/77.6
R495	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	95.8/72.7
R496	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	251.9/76.4
R497	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	160.3/68.3
R498	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	163.2/66.8
R499	7510001370	S.TMR NTCG20 3NH 153JT	B	163.5/65.2
R500	7510001360	S.TMR NTCG20 3SH 333JT	B	119.3/95.5
R502	7510001400	S.TMR NTCG20 3BH 152JT	B	207.1/78.3
R503	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	108.3/96.1
R504	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	208.1/85.9
R505	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	30.4/84.7
R506	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	T	251.9/73.8
R507	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	107.2/67.5
R508	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	104.8/87.1
R509	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	153.3/85.9
R510	7030006200	S.RES ERJ12YJ2R7U (2.7)	B	8.8/83.3
R511	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	139.4/95.4
R512	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	141.6/96.2
R513	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	163.5/71.5
R514	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	171.3/72
R515	7030004050	S.RES ERJ3GEYJ 1R0 V (1)	T	169.4/89.5
R516	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k) [EUR-01] only	T	257.7/76
R517	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	257.7/74.6
R518	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	257.7/73.2
R519	7030003860	S.RES ERJ3GE JPW V	T	256.9/79.4
R520	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	224.1/55.2
R521	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	223.4/52.8
R525	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	178.3/63.6
R526	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	179.5/63.6
R527	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	176.2/68.4
R528	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	178.3/67.6
R529	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	177.5/61.7
R530	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	168.5/64.4
R531	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	T	221.3/44.1
R532	7030003280	S.RES ERJ3GEYJ 470 V (47)	T	218.8/41.5
R533	7030003860	S.RES ERJ3GE JPW V	T	218/39.6
R534	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	223/32.7
R535	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	226.6/48.9
R536	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	226.6/51.8
R537	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)	B	185.3/98.4
R538	7030005280	S.RES ERJ3GEYJ 6R8V (6.8)	B	224/44.9
R539	7030004010	S.RES ERJ3GEYJ 2R2 V (2.2)	B	222.2/46.9
R540	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	215.4/40.1
R1004	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	129.6/82.1
C1	4030010760	S.CER C1608 CH 1H 331J-T	B	193.1/78.8
C2	4030010760	S.CER C1608 CH 1H 331J-T	B	193.1/81.8
C3	4030008920	S.CER C1608 JB 1H 473K-T	B	185.3/95.8
C4	4030006860	S.CER C1608 JB 1H 102K-T	T	185.2/94.3
C5	4030008920	S.CER C1608 JB 1H 473K-T	T	185.1/96.6
C6	4030008920	S.CER C1608 JB 1H 473K-T	T	182.7/101.6
C7	4030007170	S.CER C1608 CH 1H 221J-T	T	179.4/100.3
C8	4030007110	S.CER C1608 CH 1H 680J-T	T	181.8/99.5
C9	4030007170	S.CER C1608 CH 1H 221J-T	T	179.4/98.7
C10	4030008920	S.CER C1608 JB 1H 473K-T	T	178.4/94.9
C11	4030008920	S.CER C1608 JB 1H 473K-T	B	198.7/80
C12	4030008920	S.CER C1608 JB 1H 473K-T	B	203/80
C13	4030009000	S.CER C2012 JB 1C 224K-T	B	208.1/89.1
C14	4030008920	S.CER C1608 JB 1H 473K-T	B	209.3/82.1
C15	4030008920	S.CER C1608 JB 1H 473K-T	T	208.5/80.3
C16	4030008920	S.CER C1608 JB 1H 473K-T	B	211.2/82.1
C17	4030008920	S.CER C1608 JB 1H 473K-T	B	219.5/88
C18	4030006860	S.CER C1608 JB 1H 102K-T	B	219.6/76.9
C19	4030011600	S.CER C1608 JB 1E 104K-T	B	217.2/69
C20	4030011600	S.CER C1608 JB 1E 104K-T	B	208.4/75.1
C21	4030006880	S.CER C1608 JB 1H 472K-T	B	207.4/68.8
C22	4030011600	S.CER C1608 JB 1E 104K-T	B	202.8/75.1
C23	4030006880	S.CER C1608 JB 1H 472K-T	B	204.1/75.1
C24	4030011600	S.CER C1608 JB 1E 104K-T	B	199/73.4
C25	4030006880	S.CER C1608 JB 1H 472K-T	B	196.4/71.6
C26	4030011600	S.CER C1608 JB 1E 104K-T	T	169.2/87.5
C27	4030011600	S.CER C1608 JB 1E 104K-T	T	162.8/91.8
C28	4510008500	S.ELE EEE1CA101WP	T	159.7/85.6
C30	4030011600	S.CER C1608 JB 1E 104K-T	T	181.2/69.8
C31	4510009280	S.ELE EEE1EA4R7SR	T	169.1/69.7
C32	4030006880	S.CER C1608 JB 1H 472K-T	T	172.6/70.5
C33	4030006900	S.CER C1608 JB 1H 103K-T	T	181.7/72.9

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C34	4030006900	S.CER C1608 JB 1H 103K-T	T	167.4/78.4
C38	4030006900	S.CER C1608 JB 1H 103K-T	B	166.4/77.1
C39	4030008880	S.CER C1608 JB 1H 223K-T	T	164.6/83.7
C40	4030006850	S.CER C1608 JB 1H 471K-T	T	177.9/76.9
C41	4030011600	S.CER C1608 JB 1E 104K-T	T	173.5/61.5
C43	4030011600	S.CER C1608 JB 1E 104K-T	B	154.5/74.9
C44	4030011600	S.CER C1608 JB 1E 104K-T	B	86.1/57.4
C45	4030011600	S.CER C1608 JB 1E 104K-T	T	163.3/75.7
C46	4030011600	S.CER C1608 JB 1E 104K-T	B	225.2/76.5
C47	4030011600	S.CER C1608 JB 1E 104K-T	B	189.6/38.7
C48	4030011600	S.CER C1608 JB 1E 104K-T	B	183.3/33.3
C50	4030009530	S.CER C1608 CH 1H 030B-T	B	216.9/65
C52	4030011600	S.CER C1608 JB 1E 104K-T	B	178.9/31.7
C53	4030011600	S.CER C1608 JB 1E 104K-T	T	183.4/42.9
C54	4030011600	S.CER C1608 JB 1E 104K-T	B	183.3/42.6
C55	4030011600	S.CER C1608 JB 1E 104K-T	B	180.5/43.9
C56	4030011600	S.CER C1608 JB 1E 104K-T	T	177.7/33
C57	4030011600	S.CER C1608 JB 1E 104K-T	B	195.8/59.5
C58	4030009520	S.CER C1608 CH 1H 020B-T	B	208.6/60.6
C59	4030011600	S.CER C1608 JB 1E 104K-T	B	214.5/50.4
C60	4030006880	S.CER C1608 JB 1H 472K-T	B	213.2/50.4
C61	4030011600	S.CER C1608 JB 1E 104K-T	T	224.9/53.3
C62	4030011600	S.CER C1608 JB 1E 104K-T	T	224.1/50.9
C63	4030011600	S.CER C1608 JB 1E 104K-T	T	220/44.1
C64	4030011600	S.CER C1608 JB 1E 104K-T	T	218.8/44.1
C65	4550003240	S.TAN TEESVB 1E 335M12R	T	209.8/32.8
C66	4030011600	S.CER C1608 JB 1E 104K-T	T	225/44.7
C68	4030006880	S.CER C1608 JB 1H 472K-T	B	213.3/38.4
C69	4030011600	S.CER C1608 JB 1E 104K-T	B	214.8/40.4
C70	4030007140	S.CER C1608 CH 1H 121J-T	B	218/41.6
C71	4030007170	S.CER C1608 CH 1H 221J-T	B	217.6/46.2
C72	4510009280	S.ELE EEE1EA4R7SR	T	210.7/49
C73	4030008920	S.CER C1608 JB 1H 473K-T	T	208.9/43.5
C74	4510008540	S.ELE EEE1CA100SR	T	211.8/54.5
C75	4030011600	S.CER C1608 JB 1E 104K-T	B	211.2/48.7
C76	4030006880	S.CER C1608 JB 1H 472K-T	B	196.2/54.2
C77	4030011600	S.CER C1608 JB 1E 104K-T	B	202.3/53.1
C78	4030011600	S.CER C1608 JB 1E 104K-T	B	203.3/45.4
C79	4030011600	S.CER C1608 JB 1E 104K-T	B	174.3/37.7
C80	4030007030	S.CER C1608 CH 1H 150J-T	B	167.7/37.4
C81	4030011600	S.CER C1608 JB 1E 104K-T	T	175.4/37.5
C82	4030011600	S.CER C1608 JB 1E 104K-T	T	168.9/36
C83	4030006860	S.CER C1608 JB 1H 102K-T	T	163.2/41.4
C84	4030011600	S.CER C1608 JB 1E 104K-T	T	163.2/42.6
C85	4030011600	S.CER C1608 JB 1E 104K-T	B	138.6/51.5
C86	4030011600	S.CER C1608 JB 1E 104K-T	B	118.3/51.5
C87	4030011600	S.CER C1608 JB 1E 104K-T	B	138/56.3
C88	4030011600	S.CER C1608 JB 1E 104K-T	B	119/54.1
C89	4030011600	S.CER C1608 JB 1E 104K-T	B	136.1/74.8
C90	4030011600	S.CER C1608 JB 1E 104K-T	B	124.9/75.9
C91	4030011600	S.CER C1608 JB 1E 104K-T	B	136.1/80.6
C92	4030011600	S.CER C1608 JB 1E 104K-T	B	124.9/79.5
C93	4030011600	S.CER C1608 JB 1E 104K-T	B	117.4/64.7
C94	4030011600	S.CER C1608 JB 1E 104K-T	B	115.8/68.8
C95	4030006880	S.CER C1608 JB 1H 472K-T	B	113.4/60.6
C96	4030011600	S.CER C1608 JB 1E 104K-T	B	113/66.9
C97	4030011600	S.CER C1608 JB 1E 104K-T	B	111.6/57.6
C98	4030011600	S.CER C1608 JB 1E 104K-T	T	109.9/67.5
C99	4030011600	S.CER C1608 JB 1E 104K-T	B	104.5/65.6
C100	4030006880	S.CER C1608 JB 1H 472K-T	B	101.4/59.7
C101	4030011600	S.CER C1608 JB 1E 104K-T	B	101.8/66.1
C102	4030011600	S.CER C1608 JB 1E 104K-T	B	99.5/57.5
C103	4030011600	S.CER C1608 JB 1E 104K-T	B	115.4/74.3
C104	4030007170	S.CER C1608 CH 1H 221J-T	B	92.6/71
C105	4030006850	S.CER C1608 JB 1H 471K-T	B	86.9/67.2
C106	4030011600	S.CER C1608 JB 1E 104K-T	T	88.3/71.4
C107	4030011600	S.CER C1608 JB 1E 104K-T	T	95/67.4
C108	4030006880	S.CER C1608 JB 1H 472K-T	B	91.7/74.2
C109	4030011600	S.CER C1608 JB 1E 104K-T	B	93.3/76.9
C110	4030006880	S.CER C1608 JB 1H 472K-T	B	91.7/76.9
C111	4030007170	S.CER C1608 CH 1H 221J-T	T	102.5/74
C112	4030011600	S.CER C1608 JB 1E 104K-T	B	104.9/75.1
C113	4030011600	S.CER C1608 JB 1E 104K-T	T	98.5/71.9
C114	4030007150	S.CER C1608 CH 1H 151J-T	B	97.7/74.6
C115	4030006880	S.CER C1608 JB 1H 472K-T	T	93.5/75.7
C116	4030011600	S.CER C1608 JB 1E 104K-T	T	95.5/81.4
C117	4030006880	S.CER C1608 JB 1H 472K-T	T	93.5/79.6
C118	4030011600	S.CER C1608 JB 1E 104K-T	T	90.2/83
C120	4030011600	S.CER C1608 JB 1E 104K-T	B	109.7/83
C122	4030011600	S.CER C1608 JB 1E 104K-T	T	112.4/70.6
C123	4030007130	S.CER C1608 CH 1H 101J-T	T	109.1/75.9
C124	4030006900	S.CER C1608 JB 1H 103K-T	T	113.5/77.4
C125	4510008540	S.ELE EEE1CA100SR	T	115.4/71.9
C126	4030006900	S.CER C1608 JB 1H 103K-T	T	115.6/80.3
C127	4030008900	S.CER C1608 JB 1H 333K-T	B	114.6/85.2
C128	4030008900	S.CER C1608 JB 1H 333K-T	B	112.1/89.5
C129	4030011600	S.CER C1608 JB 1E 104K-T	T	79.8/75.3
C130	4030011600	S.CER C1608 JB 1E 104K-T	B	136.5/93.9
C131	4510008540	S.ELE EEE1CA100SR	T	156.8/72.5
C132	4030011600	S.CER C1608 JB 1E 104K-T	B	160.3/65.4
C133	4030008920	S.CER C1608 JB 1H 473K-T	B	116.8/100
C134	4510008530	S.ELE EEE1HA2R2SR	T	114.2/101.2
C135	4510008540	S.ELE EEE1CA100SR	T	114.2/96.3
C136	4030011600	S.CER C1608 JB 1E 104K-T	B	108.3/94.7
C137	4550002890	S.TAN TEESVA 1A 225M8R	B	110.7/96
C138	4030011810	S.CER C1608 JB 1A 224K-T	B	101.8/89.2

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REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C139	4030007130	S.CER C1608 CH 1H 101J-T	T	100.9/77.3
C140	4510009150	S.ELE EEE1EA470WP	T	100.9/81.5
C141	4030006860	S.CER C1608 JB 1H 102K-T	B	119.5/97.9
C142	4510008540	S.ELE EEE1CA100SR	T	136.8/95.2
C143	4030006880	S.CER C1608 JB 1H 472K-T	B	45.1/86.4
C144	4510009150	S.ELE EEE1EA470WP	T	41.5/100.2
C145	4030008920	S.CER C1608 JB 1H 473K-T	B	41.8/88.3
C146	4510008530	S.ELE EEE1HA2R2SR	T	39.6/93.6
C147	4030006880	S.CER C1608 JB 1H 472K-T	B	39.5/87.1
C148	4030006900	S.CER C1608 JB 1H 103K-T	T	44.3/89.9
C149	4030006900	S.CER C1608 JB 1H 103K-T	T	48.5/95.7
C150	4030006900	S.CER C1608 JB 1H 103K-T	B	45.2/92.8
C151	4510008860	S.ELE EEE1AA100NR	T	56.7/95.4
C152	4510009280	S.ELE EEE1EA4R7SR	T	62/99.5
C153	4030010210	S.CER C3216 JB 1C 105M-T	B	65/101.2
C154	4030009110	S.CER C3216 JB 1C 474K-T	B	63.2/93.6
C155	4510008500	S.ELE EEE1CA101WP	T	50.7/91.4
C157	4510008530	S.ELE EEE1HA2R2SR	T	67.7/85.9
C158	4510008540	S.ELE EEE1CA100SR	T	147/78.5
C159	4510008540	S.ELE EEE1CA100SR	T	147.8/71.9
C160	4030006880	S.CER C1608 JB 1H 472K-T	B	148.6/70.2
C161	4030006860	S.CER C1608 JB 1H 102K-T	T	74.1/9.6
C162	4030006860	S.CER C1608 JB 1H 102K-T	T	78.9/1.7
C163	4030006860	S.CER C1608 JB 1H 102K-T	T	80.2/1.7
C164	4030006860	S.CER C1608 JB 1H 102K-T	T	81.5/1.7
C165	4030006860	S.CER C1608 JB 1H 102K-T	T	186.7/19.2
C166	4030006860	S.CER C1608 JB 1H 102K-T	T	187.6/2
C167	4030006860	S.CER C1608 JB 1H 102K-T	T	193.6/2
C168	4030006860	S.CER C1608 JB 1H 102K-T	T	45.4/4.9
C169	4030006860	S.CER C1608 JB 1H 102K-T	T	186.3/2
C170	4030006860	S.CER C1608 JB 1H 102K-T	T	204.9/16.4
C172	4030006860	S.CER C1608 JB 1H 102K-T	T	44.1/11.7
C180	4030006860	S.CER C1608 JB 1H 102K-T	T	71.1/9.6
C186	4030006860	S.CER C1608 JB 1H 102K-T	T	180.9/8.5
C187	4030006860	S.CER C1608 JB 1H 102K-T	B	259.1/71.8
C188	4030006860	S.CER C1608 JB 1H 102K-T	T	189/28.7
C189	4030006860	S.CER C1608 JB 1H 102K-T	T	188.2/23.3
C191	4030011600	S.CER C1608 JB 1E 104K-T	T	227.7/9.4
C193	4030011600	S.CER C1608 JB 1E 104K-T	T	247.8/68.9
C194	4030011600	S.CER C1608 JB 1E 104K-T	T	80.5/60
C196	4030006900	S.CER C1608 JB 1H 103K-T	T	162.1/2.7
C197	4030006900	S.CER C1608 JB 1H 103K-T	T	152.6/2.7
C198	4030010210	S.CER C3216 JB 1C 105M-T	B	20.8/2.8
C199	4030011600	S.CER C1608 JB 1E 104K-T	T	21/5
C200	4510008500	S.ELE EEE1CA101WP	T	15.6/10.5
C201	4030006900	S.CER C1608 JB 1H 103K-T	T	171.7/2.7
C202	4030006900	S.CER C1608 JB 1H 103K-T	B	78.3/79.9
C203	4030006880	S.CER C1608 JB 1H 472K-T	T	67.2/77.2
C204	4030009000	S.CER C2012 JB 1C 224K-T	T	64.6/80.7
C206	4030011600	S.CER C1608 JB 1E 104K-T	B	47.2/71
C207	4510008540	S.ELE EEE1CA100SR	T	37/77.6
C208	4030011600	S.CER C1608 JB 1E 104K-T	B	46.4/67.4
C209	4030009110	S.CER C3216 JB 1C 474K-T	T	42.8/66.2
C210	4510008540	S.ELE EEE1CA100SR	T	35.2/61.2
C211	4510008830	S.ELE EEE1CA221P	T	20.6/58.6
C212	4550006080	S.TAN TEESVB2 1C 106M8R	T	41.1/71.7
C213	4030006850	S.CER C1608 JB 1H 471K-T	T	36.8/69.8
C215	4030009000	S.CER C2012 JB 1C 224K-T	T	28.8/62.2
C216	4030006880	S.CER C1608 JB 1H 472K-T	T	31.5/66.4
C217	4030006880	S.CER C1608 JB 1H 472K-T	T	50.9/84.2
C218	4030011600	S.CER C1608 JB 1E 104K-T	T	33.4/79.4
C219	4510009150	S.ELE EEE1EA470WP	T	42.5/81.6
C220	4030011600	S.CER C1608 JB 1E 104K-T	T	33.4/82.9
C221	4030006880	S.CER C1608 JB 1H 472K-T	T	35.6/86.7
C222	4030006860	S.CER C1608 JB 1H 102K-T	T	15.6/63.8
C223	4510009150	S.ELE EEE1EA470WP	T	11/61.7
C224	4510008830	S.ELE EEE1CA221P	T	12/69.8
C225	4510009150	S.ELE EEE1EA470WP	T	11.8/77.9
C226	4510008510	S.ELE EEE1CA471P	T	25.4/72.4
C227	4510004601	ELE 16 ME 1000 HC		
C228	4030011600	S.CER C1608 JB 1E 104K-T	B	9/89
C229	4030011600	S.CER C1608 JB 1E 104K-T	T	31.2/80.5
C230	4030006880	S.CER C1608 JB 1H 472K-T	T	30.4/86.3
C231	4030007090	S.CER C1608 CH 1H 470J-T	B	170.2/92.4
C232	4030006860	S.CER C1608 JB 1H 102K-T	B	157.8/93
C233	4510009280	S.ELE EEE1EA4R7SR	T	19.3/65.4
C235	4030006880	S.CER C1608 JB 1H 472K-T	T	25.4/98.2
C236	4030006900	S.CER C1608 JB 1H 103K-T	T	25.4/99.6
C238	4030006880	S.CER C1608 JB 1H 472K-T	T	15/95.7
C239	4030018980	S.CER C1608 JB 1H 104K-T	B	5.4/20.5
C240	4030018980	S.CER C1608 JB 1H 104K-T	B	6.3/26.6
C241	4510009150	S.ELE EEE1EA470WP	T	11.7/27.8
C242	4510004510	ELE 25 ME 470 HC		
C243	4030018980	S.CER C1608 JB 1H 104K-T	B	27.8/40
C244	4510008540	S.ELE EEE1CA100SR	T	17.4/51.1
C245	4030011600	S.CER C1608 JB 1E 104K-T	T	9.4/50.9
C246	4030011600	S.CER C1608 JB 1E 104K-T	T	9.4/54.2
C247	4510008540	S.ELE EEE1CA100SR	T	12.6/54.2
C248	4510008830	S.ELE EEE1CA221P	T	62.3/42.1
C249	4030011600	S.CER C1608 JB 1E 104K-T	T	57.8/38.2
C250	4030011600	S.CER C1608 JB 1E 104K-T	T	54/27.1
C251	4510008830	S.ELE EEE1CA221P	T	52.2/33.1
C252	4340000530	S.MLR ECHU1H333JX5	T	67.3/23.3
C253	4510008740	S.ELE EEE1HA330P	T	73.2/33.3
C254	4510008740	S.ELE EEE1HA330P	T	73.2/42.1
C255	4030018980	S.CER C1608 JB 1H 104K-T	B	72.6/41.3

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C256	4030018980	S.CER	C1608 JB 1H 104K-T	B	79.8/41.3
C257	4510008880	S.ELE	EEE1VA330WP	T	83.1/41.5
C258	4510008880	S.ELE	EEE1VA330WP	T	90.4/41.5
C259	4510009150	S.ELE	EEE1EA470WP	T	86.8/22.3
C260	4510008570	S.ELE	EEE1CA220SR	T	93.3/21.9
C261	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.9/28.8
C262	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.7/28.9
C263	4510008540	S.ELE	EEE1CA100SR	T	92/28.1
C264	4510008540	S.ELE	EEE1CA100SR	T	92/32.9
C265	4030006900	S.CER	C1608 JB 1H 103K-T	T	243.6/70.4
C266	4510008540	S.ELE	EEE1CA100SR	T	243.5/82.1
C267	4510008540	S.ELE	EEE1CA100SR	T	237.5/82.1
C268	4510008540	S.ELE	EEE1CA100SR	T	237.4/77.3
C269	4510008540	S.ELE	EEE1CA100SR	T	243.4/77.3
C270	4030006900	S.CER	C1608 JB 1H 103K-T	B	246.6/83.2
C271	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/66.4
C272	4030006900	S.CER	C1608 JB 1H 103K-T	T	58.2/69.6
C273	4510008540	S.ELE	EEE1CA100SR	T	42.5/54.5
C274	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/71.5
C275	4030006900	S.CER	C1608 JB 1H 103K-T	B	77.1/63.4
C276	4030006860	S.CER	C1608 JB 1H 102K-T	B	61.8/61.8
C277	4030006860	S.CER	C1608 JB 1H 102K-T	T	58.2/58.2
C279	4510008540	S.ELE	EEE1CA100SR	T	54.4/52.1
C281	4030006850	S.CER	C1608 JB 1H 471K-T	B	110.9/85.2
C282	4030007170	S.CER	C1608 CH 1H 221J-T	B	107.2/86.5
C283	4030007170	S.CER	C1608 CH 1H 221J-T	B	108.4/86.5
C284	4030006900	S.CER	C1608 JB 1H 103K-T	T	111.6/85.8
C285	4030006880	S.CER	C1608 JB 1H 472K-T	B	131.5/97.9
C287	4030011600	S.CER	C1608 JB 1E 104K-T	B	242.6/55.4
C288	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/39.7
C289	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/42.5
C290	4030009000	S.CER	C2012 JB 1C 224K-T	T	256.6/20
C291	4030006880	S.CER	C1608 JB 1H 472K-T	B	252.3/35.6
C292	4030006880	S.CER	C1608 JB 1H 472K-T	T	258/25.1
C293	4030006880	S.CER	C1608 JB 1H 472K-T	T	257.6/23.8
C294	4030006880	S.CER	C1608 JB 1H 472K-T	T	260.3/33
C295	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.9/61.5
C296	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.5/30.4
C297	4030010210	S.CER	C3216 JB 1C 105M-T	B	260.4/66.4
C298	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.7/27.8
C299	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.2/26.5
C300	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.2/29.1
C301	4030006900	S.CER	C1608 JB 1H 103K-T	B	251/84.9
C303	4510004510	ELE	25 ME 470 HC		
C304	4030018980	S.CER	C1608 JB 1H 104K-T	B	239.8/10.1
C305	4030011600	S.CER	C1608 JB 1E 104K-T	T	243.5/16.2
C306	4510009150	S.ELE	EEE1EA470WP	T	236.5/21.1
C307	4030006900	S.CER	C1608 JB 1H 103K-T	B	75.8/59.2
C308	4030006880	S.CER	C1608 JB 1H 472K-T	T	254/4.9
C309	4030007090	S.CER	C1608 CH 1H 470J-T	T	177.7/96.3
C310	4030009000	S.CER	C2012 JB 1C 224K-T	T	167/83.9
C311	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/72
C312	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/81.2
C313	4030011600	S.CER	C1608 JB 1E 104K-T	B	180.5/37.5
C314	4030010210	S.CER	C3216 JB 1C 105M-T	B	67/60.6
C315	4030010210	S.CER	C3216 JB 1C 105M-T	B	68.6/62.9
C316	4030010210	S.CER	C3216 JB 1C 105M-T	B	62.2/58.8
C317	4030006880	S.CER	C1608 JB 1H 472K-T	T	53.8/70.5
C318	4510008540	S.ELE	EEE1CA100SR	T	51.3/66.2
C319	4510008540	S.ELE	EEE1CA100SR	T	223.3/39.6
C320	4030007070	S.CER	C1608 CH 1H 330J-T	B	225/38.1
C321	4030009920	S.CER	C1608 CH 1H 050B-T	B	223.6/38.1
C322	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/83.8
C323	4030011600	S.CER	C1608 JB 1E 104K-T	B	193.8/89.6
C324	4030011600	S.CER	C1608 JB 1E 104K-T	B	138.5/73.8
C325	4030011600	S.CER	C1608 JB 1E 104K-T	B	139.7/80.6
C326	4030006900	S.CER	C1608 JB 1H 103K-T	T	181.7/74.1
C328	4510008530	S.ELE	EEE1HA2R2SR	T	44.5/93.6
C330	4030006860	S.CER	C1608 JB 1H 102K-T	B	109.9/87.7
C331	4510008540	S.ELE	EEE1CA100SR	T	141.6/94.8
C332	4030006900	S.CER	C1608 JB 1H 103K-T	B	108.8/90
C333	4030008880	S.CER	C1608 JB 1H 223K-T	T	81.2/75.3
C334	4030008880	S.CER	C1608 JB 1H 223K-T	T	80.6/72.7
C335	4030011600	S.CER	C1608 JB 1E 104K-T	B	105.6/69.3
C336	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/73
C337	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/71.4
C338	4030011600	S.CER	C1608 JB 1E 104K-T	B	177/85.5
C339	4510008540	S.ELE	EEE1CA100SR	T	105.8/100.8
C340	4030011600	S.CER	C1608 JB 1E 104K-T	B	101.3/97.8
C341	4030007090	S.CER	C1608 CH 1H 470J-T	T	95.8/76.5
C342	4030010020	S.CER	C1608 JB 1H 122K-T	T	97.8/98.3
C343	4510008540	S.ELE	EEE1CA100SR	T	86.6/100.3
C344	4030007090	S.CER	C1608 CH 1H 470J-T	B	95.3/97.8
C345	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/85.5
C346	4030007090	S.CER	C1608 CH 1H 470J-T	B	85.7/81.8
C347	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/83.9
C348	4030007170	S.CER	C1608 CH 1H 221J-T	B	96.1/93
C349	4030006880	S.CER	C1608 JB 1H 472K-T	B	75.7/101.7
C350	4030006880	S.CER	C1608 JB 1H 472K-T	B	71.9/92.4
C351	4030006880	S.CER	C1608 JB 1H 472K-T	B	72.5/89
C352	4510008530	S.ELE	EEE1HA2R2SR	T	67.7/100.6
C353	4030009000	S.CER	C2012 JB 1C 224K-T	B	79.9/85.2
C354	4030011600	S.CER	C1608 JB 1E 104K-T	B	86.1/61.3
C355	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.7/66.2
C356	4030011600	S.CER	C1608 JB 1E 104K-T	B	83.5/64.4
C357	4530000400	S.ARY	EZANCE 220M 22P	T	87.6/11.9
C358	4530000410	S.ARY	EZANCE 471M 470P	T	79.3/11.9

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C359	4530000410	S.ARY	EZANCE 471M 470P	T	65.4/12.2
C360	4530000410	S.ARY	EZANCE 471M 470P	T	57.1/11.4
C361	4530000400	S.ARY	EZANCE 220M 22P	T	187.2/12.2
C362	4530000400	S.ARY	EZANCE 220M 22P	T	195.3/13.2
C363	4030007090	S.CER	C1608 CH 1H 470J-T	T	250.6/38.7
C364	4030007090	S.CER	C1608 CH 1H 470J-T	T	248.6/38.7
C365	4510004601	ELE	16 ME 1000 HC		
C367	4030011600	S.CER	C1608 JB 1E 104K-T	T	117.5/83.4
C368	4550003240	S.TAN	TEESVB 1E 335M12R	B	6.5/33.3
C369	4530000410	S.ARY	EZANCE 471M 470P	T	48.8/12.2
C370	4530000410	S.ARY	EZANCE 471M 470P	T	215.3/13
C371	4530000410	S.ARY	EZANCE 471M 470P	T	207/13
C372	4530000400	S.ARY	EZANCE 220M 22P	T	215.5/24.3
C373	4530000410	S.ARY	EZANCE 471M 470P	T	206.9/24.3
C374	4530000410	S.ARY	EZANCE 471M 470P	T	193.6/21.3
C375	4030011600	S.CER	C1608 JB 1E 104K-T	B	94.1/91.4
C376	4030011600	S.CER	C1608 JB 1E 104K-T	T	65.3/56.2
C377	4510008540	S.ELE	EEE1CA100SR	T	60.1/50.4
C378	4030010210	S.CER	C3216 JB 1C 105M-T	B	21.6/75.9
C379	4030008880	S.CER	C1608 JB 1H 223K-T	B	55.5/76.2
C380	4030009110	S.CER	C3216 JB 1C 474K-T	B	243.3/10.2
C381	4030011600	S.CER	C1608 JB 1E 104K-T	B	71.9/101.6
C382	4030011600	S.CER	C1608 JB 1E 104K-T	T	256.9/55.6
C383	4030006880	S.CER	C1608 JB 1H 472K-T	B	106/87.1
C384	4030010210	S.CER	C3216 JB 1C 105M-T	B	139.8/99.4
C385	4550006480	S.TAN	TEESVA 1C 475M8R	B	172/68.6
C386	4030011600	S.CER	C1608 JB 1E 104K-T	B	168.5/66.1
C387	4030007090	S.CER	C1608 CH 1H 470J-T	B	27/27.9
C388	4030007090	S.CER	C1608 CH 1H 470J-T	B	23/27.9
C389	4030007090	S.CER	C1608 CH 1H 470J-T	B	13.9/92.9
C390	4030007090	S.CER	C1608 CH 1H 470J-T	B	6.4/38
C391	4030007090	S.CER	C1608 CH 1H 470J-T	B	8.5/36.1
C392	4030007090	S.CER	C1608 CH 1H 470J-T	B	14.3/38.1
C393	4030007090	S.CER	C1608 CH 1H 470J-T	B	16.5/35.5
C525	4510008540	S.ELE	EEE1CA100SR	T	167.4/61.9
C526	4030006880	S.CER	C1608 JB 1H 472K-T	T	168.3/65
RL1	6330001060	RLY	APQ 3311 (APQ3311K1)		
CP1	6910009670	S.CHK	HK3-S-T	T	175.6/79.7
CP2	6910009670	S.CHK	HK3-S-T	T	216/47.5
CP3	6910009670	S.CHK	HK3-S-T	T	154.8/61.1
CP4	6910009670	S.CHK	HK3-S-T	T	145.1/82
CP5	6910009670	S.CHK	HK3-S-T	T	160.6/64.9
J1	6510007020	CNR	TMP-J01X-V6		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510018450	CNR	TMP-S01X-B1		
J4	6510007020	CNR	TMP-J01X-V6		
J5	6510019761	S.CNR	52610-1571 (1590)	T	82.2/6
J6	6510019141	S.CNR	52610-1071 (1090)	T	190.1/6.4
J7	6510019761	S.CNR	52610-1571 (1590)	T	57.9/5.2
J8	6510019141	S.CNR	52610-1071 (1090)	T	209.4/6.4
J9	6510003441	CNR	B08B-EH-S (LF) (SN)		
J10	6510007860	CNR	PI28A-07M		
J12	6510019191	S.CNR	52365-0871	T	79.7/56.7
J14	6510023650	CNR	HEC0740-010618		
J15	6510011431	CNR	B3P-VH (LF) (SN)		
J16	6510011441	CNR	B4P-VH (LF) (SN)		
J17	6450000150	CNR	JPJ2545-01-510		
J18	6450000150	CNR	JPJ2545-01-510		
J19	6510007100	CNR	PI28A-06M		
J20	6510007170	CNR	PI28A-03M		
J21	6450000140	CNR	HSJ0807-01-010		
J22	6450000140	CNR	HSJ0807-01-010		
J23	6510019651	CNR	DBLC-J25SAF-23L8E		
J28	6450001560	CNR	PD-72		
J29	6450001560	CNR	PD-72		
J30	6450001560	CNR	PD-72		
J31	6450001560	CNR	PD-72		
J32	6510014191	CNR	A4B-3PA-2DSA (71)		
P1	6510014180	CNR	A3-SP (A)		
F1	5210000221	FUS	FGMB 125V 3A PBF		
F2	6510020300	HOL	OF-429P		

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

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	6910013081	S.IC	5MXE14-7-LF MIX	T	31/54.9
IC2	1110006990	S.IC	uPC2710TB-E3	T	27.8/62.3
IC3	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	26.5/24.3
Q1	1590000430	S.TR	DTC144EUA T106	T	20.4/38.3
Q2	1590001770	S.TR	XP1213 (TX)	T	31/21.7
Q3	1590001310	S.TR	XN1114 (TX)	T	31/25.8
Q4	1530003450	S.TR	2SC4835-R (TX)	T	94.2/23.5
Q5	1530003450	S.TR	2SC4835-R (TX)	T	94.5/55.3
D1	1750000211	S.DIO	1SV237 (TE85R,F)	T	60.6/13.2
D2	1750000531	S.DIO	1SV271 (TPH3,F)	T	51.9/60
D3	1790000450	S.DIO	MA862 (TX)	T	87/20.2
D4	1790000620	S.DIO	MA77 (TX)	T	88.5/57.8
D5	1750000211	S.DIO	1SV237 (TE85R,F)	T	13.7/61.9
D6	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.3/48.6
FI1	2020002280	S.DET	MBF-778A-10-J0076	T	85.9/32
FI2	2020002270	S.DET	MBF-778-10-J0075	T	85.9/47.5
L1	6200002820	S.COL	LQW31HN47NJ03L	T	60.9/16.9
L2	6200003331	S.COL	NLV32T-1R0J	T	53.4/13
L3	6200002370	S.COL	LQW31HN39NJ03L	T	55.8/58
L4	6200003331	S.COL	NLV32T-1R0J	T	52/56.2
L6	6200003331	S.COL	NLV32T-1R0J	T	93/18.4
L7	6200003331	S.COL	NLV32T-1R0J	T	93.8/58.1
L8	6200002320	S.COL	LQW31HN8N8J03L	T	39.2/58
L10	6180002961	S.COL	NLV32T-R18J	T	24.4/62.4
L11	6200003331	S.COL	NLV32T-1R0J	T	17.2/41.4
L12	6200005351	S.COL	LL1608-FSL10NJ	T	17/54.4
L13	6200005361	S.COL	LL1608-FSL12NJ	T	20.6/55
L14	6190001161	COL	#302HEP-1926A		
L15	6190001111	COL	#252HEP-3076A		
L16	6200012030	S.COL	LL1608-FSL22NJ	T	15.1/48.4
L17	6200005401	S.COL	LL1608-FSL27NJ	T	18.8/49
L18	6200003331	S.COL	NLV32T-1R0J	T	27.6/47
L19	6200003331	S.COL	NLV32T-1R0J	T	23.3/53.8
L21	6200005341	S.COL	LL1608-FSL8N2J	T	16.2/59.2
L23	6200005361	S.COL	LL1608-FSL12NJ	T	62.6/41.4
L120	6200003271	S.COL	NLV25T-R56J	T	40.1/38.2
L121	6200003271	S.COL	NLV25T-R56J	T	40.1/34.4
L122	6200005461	S.COL	LL1608-FSL82NJ	T	37.1/52.3
R1	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	57/14.2
R2	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	51.4/16.2
R3	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	51.4/38.6
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	63.4/14.4
R5	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	90/20.4
R6	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	95.8/19.1
R7	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	99.2/38.2
R8	7030003470	S.RES	ERJ3GEYJ 182 V (1.8 k)	T	57/60
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	36.3/63.3
R10	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	35.5/61.3
R11	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	34.7/63.3
R12	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	20.8/63
R13	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	19.4/63
R14	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	16.5/63.4
R15	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	25.5/49.7
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	28.6/13.8
R17	7410000730	S.ARY	EXB-V8V 104JV (100 k)	T	26.1/11.7
R18	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	31.6/29.8
R19	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	98/23.6
R20	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	99.4/54.6
R21	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	24.8/30.4
R22	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	28/30.4
R23	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	30.2/29.8
R24	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	36.9/34.1
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	71.5/15.4
C2	4030006980	S.CER	C1608 CH 1H 070D-T	T	57.2/17.3
C3	4030006860	S.CER	C1608 JB 1H 102K-T	T	57/15.6
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.8/16.2
C6	4030009990	S.CER	C1608 CH 1H 200J-T	T	62.6/49
C7	4030006980	S.CER	C1608 CH 1H 070D-T	T	59.6/57.6
C8	4030006860	S.CER	C1608 JB 1H 102K-T	T	51.4/50.6
C9	4030007090	S.CER	C1608 CH 1H 470J-T	T	51.4/43.4
C10	4030006850	S.CER	C1608 JB 1H 471K-T	T	51.4/34
C11	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.6/23.2
C12	4030007090	S.CER	C1608 CH 1H 470J-T	T	90/21.8
C13	4030007090	S.CER	C1608 CH 1H 470J-T	T	93.6/20.6
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	91.6/55.2
C17	4030007090	S.CER	C1608 CH 1H 470J-T	T	96.9/56.9
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	99.2/42.4
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	99.2/34
C20	4030006850	S.CER	C1608 JB 1H 471K-T	T	45/58.6
C21	4030009510	S.CER	C1608 CH 1H 010B-T	T	40.9/60.4
C22	4030009510	S.CER	C1608 CH 1H 010B-T	T	37.5/58.5
C23	4030006960	S.CER	C1608 CH 1H 050C-T	T	40.2/55
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	38.3/62.5
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.7/61.3
C30	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.2/63

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C31	4030007090	S.CER	C1608 CH 1H 470J-T	T	31.4/63.4
C32	4030006860	S.CER	C1608 JB 1H 102K-T	T	30.1/63.4
C33	4030006850	S.CER	C1608 JB 1H 471K-T	T	22/42
C34	4030006960	S.CER	C1608 CH 1H 050C-T	T	17/57.2
C35	4030009560	S.CER	C1608 CH 1H R75B-T	T	17/55.8
C36	4030006960	S.CER	C1608 CH 1H 050C-T	T	19.2/56.6
C37	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	18.6/53
C38	4030009530	S.CER	C1608 CH 1H 030B-T	T	22.2/57.6
C39	4030011600	S.CER	C1608 JB 1E 104K-T	T	25.8/17
C40	4030011600	S.CER	C1608 JB 1E 104K-T	T	26.4/31
C47	4030006960	S.CER	C1608 CH 1H 050C-T	T	15.1/51.2
C48	4030009910	S.CER	C1608 CH 1H 040B-T	T	15.1/49.8
C49	4030007010	S.CER	C1608 CH 1H 100D-T	T	17.4/50.6
C50	4030009530	S.CER	C1608 CH 1H 030B-T	T	16.8/47
C51	4030006980	S.CER	C1608 CH 1H 070D-T	T	20.2/49
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.2/46.2
C53	4030006850	S.CER	C1608 JB 1H 471K-T	T	24.1/56.7
C54	4030006860	S.CER	C1608 JB 1H 102K-T	T	24.1/51.6
C55	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.4/40.8
C56	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.7/23.6
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	97.3/53.9
C60	4030006850	S.CER	C1608 JB 1H 471K-T	T	21.4/60.8
C61	4030009520	S.CER	C1608 CH 1H 020B-T	T	45/63
C62	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-01] only		
C63	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-01] only		
C64	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-01] only		
C65	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-01] only		
C66	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-01] only		
C67	4030007090	S.CER	C1608 CH 1H 470J-T [EUR-01] only		
C120	4030007120	S.CER	C1608 CH 1H 820J-T	T	38.2/39.8
C121	4030011280	S.CER	C1608 CH 1H 271J-T	T	38.2/36.9
C122	4030007120	S.CER	C1608 CH 1H 820J-T	T	38.2/34.1
J1	6510019141	S.CNR	52610-1071 (1090)	T	5.7/32.4
J2	6510007020	CNR	TMP-J01X-V6		
WS1	8970022400	CBL	RX1768 COAXIAL TUBE (1)/MI		
WS2	8970022410	CBL	RX1768 1.5D COAXIAL TUBE (1)/MI [OTH-02], [CHN]		
	8970024860	CBL	1.5D 290MM (RX1768 A16-6G1) [EUR-01]		
EP61	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/25.4
EP62	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/26.7
EP63	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/28
EP64	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/29.3
EP65	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/33.7
EP66	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/35
EP67	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/36.3
EP68	6910012350	S.BEA	MMZ1608Y 102BT	T	13.2/37.6

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

S.=Surface mount

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006990	S.IC	uPC2710TB-E3	T	13.2/10
IC2	1110006990	S.IC	uPC2710TB-E3	T	13.1/49.6
IC3	1130007700	S.IC	BU4094BCF-E2	B	27.1/69.8
IC4	1130007700	S.IC	BU4094BCF-E2	T	17.5/79.8
IC5	1160000131	S.IC	TD62783AFG (5,S,EL)	T	28.6/69.8
Q1	1560000721	S.FET	2SK2171-4-TD-E	B	54.7/74.4
Q2	1560000721	S.FET	2SK2171-4-TD-E	T	54.6/74.6
Q3	1590001840	S.TR	XN4601 (TX)	T	56/56.9
Q4	1590001001	S.TR	RN2427 (TE85L,F)	B	38.5/72.4
Q5	1590001330	S.TR	DTA114EUA T106	B	34.5/72.2
Q6	1560000721	S.FET	2SK2171-4-TD-E	T	26.2/41
Q7	1560000721	S.FET	2SK2171-4-TD-E	T	26.2/47
Q8	1580000540	S.FET	3SK131-T2-LA	T	39.2/18.7
Q9	1590001770	S.TR	XP1213 (TX)	T	27.5/80.8
Q10	1590001770	S.TR	XP1213 (TX)	T	17.5/71.5
Q11	1590001001	S.TR	RN2427 (TE85L,F)	T	20.4/62.1
Q12	1590001001	S.TR	RN2427 (TE85L,F)	T	19.3/68.3
Q13	1590001770	S.TR	XP1213 (TX)	T	27.5/78.3
Q14	1590001330	S.TR	DTA114EUA T106	B	30.6/76.8
Q15	1560000831	S.FET	2SK2036 (TE85L,F)	T	82.7/74.1
Q16	1560000831	S.FET	2SK2036 (TE85L,F)	T	84.5/70.4
Q17	1590001001	S.TR	RN2427 (TE85L,F)	B	27.4/81
D1	1750000550	S.DIO	1SS355 TE-17	B	85.5/34.6
D2	1750000550	S.DIO	1SS355 TE-17	B	73/51.5
D3	1750000211	S.DIO	1SV237 (TE85R,F)	T	77.8/68.8
D4	1750000531	S.DIO	1SV271 (TPH3,F)	T	47.1/47.6
D5	1750000531	S.DIO	1SV271 (TPH3,F)	T	61.2/74.2
D6	1750000531	S.DIO	1SV271 (TPH3,F)	T	67.6/57.6
D7	1790000620	S.DIO	MA77 (TX)	T	68/44.1
D8	1790000450	S.DIO	MA862 (TX)	T	68/33.2
D9	1790000450	S.DIO	MA862 (TX)	T	68.4/21.9
D10	1790000450	S.DIO	MA862 (TX)	T	68.4/8.8
D11	1790000620	S.DIO	MA77 (TX)	T	46.2/45.7
D12	1790000450	S.DIO	MA862 (TX)	T	46/37
D13	1790000450	S.DIO	MA862 (TX)	T	45/21.6
D14	1790000450	S.DIO	MA862 (TX)	T	46.8/8.8
D15	1790000450	S.DIO	MA862 (TX)	T	46.2/59
D16	1750000211	S.DIO	1SV237 (TE85R,F)	T	46.6/51.9
D17	1790000450	S.DIO	MA862 (TX)	T	41.9/62.9
D18	1750000431	S.DIO	HSB88WSTR-E	T	23.6/19.3
FI1	2010001980	XTL	48M15A 48.800 MHz		
L1	6140002070	COL	LR-233		
L2	6200003011	S.COL	NLV32T-R27J	T	80/43.1
L3	6200003001	S.COL	NLV32T-R22J	T	78.4/38.1
L4	6200003001	S.COL	NLV32T-R22J	T	75.4/42.3
L5	6200003520	S.COL	ELJFB 102K-F	B	74.8/66.3
L6	6200003520	S.COL	ELJFB 102K-F	T	74.2/74.5
L7	6200001711	S.COL	NLV32T-220J	T	70.1/73.4
L8	6200001711	S.COL	NLV32T-220J	T	65.7/73.4
L10	6200001851	S.COL	NLV32T-5R6J	T	69.4/65.9
L11	6200003111	S.COL	NLV32T-6R8J	T	65/65.8
L12	6200003520	S.COL	ELJFB 102K-F	T	60.5/65.6
L13	6200005501	S.COL	NLV32T-471J	T	67.2/53.7
L14	6200005501	S.COL	NLV32T-471J	T	67.3/48.3
L15	6200003111	S.COL	NLV32T-6R8J	T	64/59.4
L16	6200002961	S.COL	NLV32T-4R7J	T	62.9/48.1
L17	6200005501	S.COL	NLV32T-471J	T	66/41.5
L18	6200002991	S.COL	NLV32T-2R2J	T	61/42.3
L19	6200002991	S.COL	NLV32T-2R2J	T	56.8/45
L20	6200002961	S.COL	NLV32T-4R7J	T	52.5/42.8
L21	6200003101	S.COL	NLV32T-3R9J	T	49.4/42.8
L22	6200003261	S.COL	NLV32T-101J	T	64.4/36.5
L23	6200003101	S.COL	NLV32T-3R9J	T	59.2/36.6
L24	6200001851	S.COL	NLV32T-5R6J	T	51.6/36.6
L25	6200003261	S.COL	NLV32T-101J	T	66.6/29.9
L26	6200003051	S.COL	NLV32T-R82J	T	61.4/30.6
L27	6200003061	S.COL	NLV32T-1R2J	T	57.2/33.2
L28	6200003081	S.COL	NLV32T-1R8J	T	52.8/31
L29	6200003071	S.COL	NLV32T-1R5J [OTH-02], [EUR-01]	T	49.6/30.8
	6200003321	S.COL	NLV32T-3R3J [CHN]	T	49.6/30.8
L30	6200003261	S.COL	NLV32T-101J	T	67.1/25.2
L31	6200003061	S.COL	NLV32T-1R2J	T	62/24.8
L32	6200003331	S.COL	NLV32T-1R0J	T	57/23.4
L33	6200003051	S.COL	NLV32T-R82J	T	53.2/25
L34	6200003061	S.COL	NLV32T-1R2J	T	48.1/26
L35	6200003261	S.COL	NLV32T-101J	T	67.2/18.2
L36	6200003031	S.COL	NLV32T-R47J	T	61.4/20
L37	6200002981	S.COL	NLV32T-R56J	T	57.6/19
L38	6200003041	S.COL	NLV32T-R68J	T	53.9/20
L39	6200003051	S.COL	NLV32T-R82J	T	48.1/17.8
L40	6200003261	S.COL	NLV32T-101J	T	66.9/12.2
L41	6200003251	S.COL	NLV32T-R39J	T	62/12.6
L42	6200003251	S.COL	NLV32T-R39J	T	56.8/11.4
L43	6200003031	S.COL	NLV32T-R47J	T	53.2/12.8
L44	6200002981	S.COL	NLV32T-R56J	T	46.6/13.8
L45	6200003261	S.COL	NLV32T-101J	T	67.2/5.4
L46	6200003011	S.COL	NLV32T-R27J	T	62/6.4
L47	6200003011	S.COL	NLV32T-R27J	T	56.8/8
L48	6200003021	S.COL	NLV32T-R33J	T	53.2/6.3

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L49	6200003251	S.COL	NLV32T-R39J	T	46.7/5.4
L50	6200003520	S.COL	ELJFB 102K-F	B	52.1/58
L51	6200003520	S.COL	ELJFB 102K-F	B	49.1/49.4
L52	6200005501	S.COL	NLV32T-471J	B	50.2/46
L53	6200005501	S.COL	NLV32T-471J	T	53.6/53.3
L54	6140000640	COL	LR-86		
L55	6140001540	COL	LR-169		
L56	6200005501	S.COL	NLV32T-471J	B	40.6/62.2
L57	6200003520	S.COL	ELJFB 102K-F	B	59.6/75.3
L58	6200003001	S.COL	NLV32T-R22J	T	35.6/54.3
L59	6200003001	S.COL	NLV32T-R22J	T	38.5/49.9
L60	6140001500	COL	LR-171		
L61	6200001831	S.COL	NLV32T-100J	B	21.7/51.4
L62	6150002980	COL	LS-309		
L63	6150003110	COL	LS-306		
L64	6200003331	S.COL	NLV32T-1R0J	T	16.6/9.5
L65	6150002390	COL	LS-250		
L66	6150000991	COL	LS-424		
L67	6200003381	S.COL	#617PT-1837=P3	T	32.1/19.2
L68	6200003381	S.COL	#617PT-1837=P3	T	15.1/19.2
L69	6200001831	S.COL	NLV32T-100J	B	13.7/10.6
L70	6200003011	S.COL	NLV32T-R27J	T	23.2/7
L71	6200003011	S.COL	NLV32T-R27J	T	20/11.2
L72	6200003001	S.COL	NLV32T-R22J	T	15.7/13.4
L73	6200003331	S.COL	NLV32T-1R0J	T	16.4/50.7
L74	6200001831	S.COL	NLV32T-100J	B	14/49.7
L75	6200003431	S.COL	NLV32T-R10J	T	21.8/55.8
L76	6200001471	S.COL	NLV32T-R12J	T	25.3/55
L77	6200003950	S.COL	HF50ACC 322513-T	B	19.5/62.6
L78	6200003950	S.COL	HF50ACC 322513-T	B	5.7/68.1
L79	6200003950	S.COL	HF50ACC 322513-T	T	17.1/63.6
L80	6200003321	S.COL	NLV32T-3R3J	B	49.7/75.6
L82	6180002961	S.COL	NLV32T-R18J	T	27.6/51.1
L83	6200003001	S.COL	NLV32T-R22J	T	15.8/55.8
L84	6200003031	S.COL	NLV32T-R47J	B	10.5/20.7
L85	6200003041	S.COL	NLV32T-R68J	B	42.8/76
L86	6200003011	S.COL	NLV32T-R27J	B	18.2/36.3
L87	6200001471	S.COL	NLV32T-R12J [CHN] only	B	26.5/43.3
R1	7540000130	ABS	2P-50A-301		
R2	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	81.8/27.2
R3	7540000130	ABS	2P-50A-301		
R4	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	83.8/49.5
R5	7030007650	S.RES	ERJ8ENF 68R0V (68)	T	76.8/33.2
R7	7030000330	S.RES	MCR10EZHJ 390 (391)	B	74.7/56
R8	7030000230	S.RES	MCR10EZHJ 56 (560)	B	78.6/55.3
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	B	70.2/59.4
R10	7030007650	S.RES	ERJ8ENF 68R0V (68)	B	72.8/47.2
R12	7030007540	S.RES	ERJ8ENF 3900V (390)	B	72.8/70.5
R14	7030007530	S.RES	ERJ8ENF 1800V (180)	B	77.8/79.2
R18	7030000260	S.RES	MCR10EZHJ 100 (101)	T	74.7/68.8
R19	7030000240	S.RES	MCR10EZHJ 68 (680)	T	73.6/66
R20	7030000260	S.RES	MCR10EZHJ 100 (101)	T	72.9/68.8
R21	7030007540	S.RES	ERJ8ENF 3900V (390)	B	67.8/72.3
R22	7030007540	S.RES	ERJ8ENF 3900V (390)	B	64.1/73.8
R24	7030007540	S.RES	ERJ8ENF 3900V (390)	B	61.2/43.3
R26	7030007540	S.RES	ERJ8ENF 3900V (390)	B	47.9/41.7
R28	7030007530	S.RES	ERJ8ENF 1800V (180)	B	69/35.7
R30	7030007540	S.RES	ERJ8ENF 3900V (390)	B	60.4/31.5
R32	7030007540	S.RES	ERJ8ENF 3900V (390)	B	48.5/31.5
R34	7030007540	S.RES	ERJ8ENF 3900V (390)	B	68/24.5
R36	7030007540	S.RES	ERJ8ENF 3900V (390)	B	46.6/24.5
R38	7030007540	S.RES	ERJ8ENF 3900V (390)	B	62.6/19.5
R40	7030007540	S.RES	ERJ8ENF 3900V (390)	B	52.8/19.5
R42	7030007540	S.RES	ERJ8ENF 3900V (390)	B	62.4/12.5
R44	7030007540	S.RES	ERJ8ENF 3900V (390)	B	51.6/12.5
R46	7030007550	S.RES	ERJ8ENF 4700V (470)	B	61.5/5.1
R48	7030007550	S.RES	ERJ8ENF 4700V (470)	B	51.7/5.3
R50	7030007550	S.RES	ERJ8ENF 4700V (470)	B	54.5/44.2
R52	7030007550	S.RES	ERJ8ENF 4700V (470)	B	56.3/59.3
R54	7030007850	S.RES	ERJ8ENF 1001V (1 k)	B	58.3/79.4
R56	7030007550	S.RES	ERJ8ENF 4700V (470)	B	64.6/66.6
R58	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	43.9/54.1
R59	7030003310	S.RES	ERJ3GEYJ 820 V (82)	B	52.7/51.6
R60	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	50.1/50.9
R61	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	54.5/50.9
R62	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	55.8/59.4
R63	7310004780	S.TRI	EVM-3YSX50 B13 (102)	T	56/62
R64	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	50/52.5
R65	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	57.8/52.7
R66	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	57.8/49.7
R67	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	51.6/55.5
R68	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	33/61.7
R69	7030000180	S.RES	MCR10EZHJ 22 (220)	T	48.5/65.4
R71	7030007680	S.RES	ERJ8ENF 47R0V (47)	B	41.7/71.3
R73	7030006270	S.RES	ERJ12YJ221U (220)	B	35.9/66.4
R74	7030000340	S.RES	MCR10EZHJ 470 (471)	B	29/39.1
R75	7030000340	S.RES	MCR10EZHJ 470 (471)	B	31.3/49.2
R77	7310004860	S.TRI	EVM-3YSX50 B53 (502)	T	32/51.2
R78	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	22.8/47.1
R79	7030000220	S.RES	MCR10EZHJ 47 (470) [OTH-02], [EUR-01]	B	25.8/45.4
	7030003400	S.RES	ERJ3GEYJ 471 V (470) [CHN]	B	25.8/45.4
R80	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	18.6/47.1
R81	7030004850	S.RES	ERJ3GEYF 913 V (91 k)	B	40.5/30.7
R82	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	B	34.7/35.6

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

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R83	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	39.3/21.3
R84	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	36.6/20.6
R85	7030003330	S.RES	ERJ3GEYJ 121 V (120)	T	38.8/15.4
R86	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	36.4/13.2
R87	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	34.7/13
R88	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	B	10.2/17.4
R89	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	18/5
R90	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	14.4/6.2
R91	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	15.1/4.9
R92	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	27/12.6
R93	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	29.2/13.4
R94	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	27/14.2
R95	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	11.6/42.3
R96	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	13/42.3
R97	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	12.2/44.3
R101	7410000750	S.ARY	EXB-V4V 104JV (100 k)	T	73.2/82.4
R102	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	70.4/30.4
R103	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	74.2/25.6
R104	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.6/51.4
R105	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	69.2/42.2
R106	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	67.2/34.6
R107	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	66.2/75.6
R108	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	75.8/80.2
R110	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	35.5/74.8
R111	7030003340	S.RES	ERJ3GEYJ 151 V (150)	B	19.6/40.7
R112	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	70.7/18.4
R113	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	75.6/13.7
R114	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	67.4/4.3
R115	7510001360	S.TMR	NTCG20 3SH 333JT	B	39.3/18
R116	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	B	39.2/16.4
R203	7030003860	S.RES	ERJ3GE JPW V	T	31.5/55.1
R204	7030003860	S.RES	ERJ3GE JPW V	B	21.7/28.7
C1	4030011600	S.CER	C1608 JB 1E 104K-T	T	83.1/25.6
C2	4030011600	S.CER	C1608 JB 1E 104K-T	T	85.2/49.5
C3	4030006860	S.CER	C1608 JB 1H 102K-T	B	87/34.6
C4	4030007100	S.CER	C1608 CH 1H 560J-T	T	80.2/46.8
C5	4030007060	S.CER	C1608 CH 1H 270J-T	T	77.7/43.1
C6	4030007130	S.CER	C1608 CH 1H 101J-T	T	80.2/40.2
C7	4030007090	S.CER	C1608 CH 1H 470J-T	T	78.5/35.9
C8	4030007120	S.CER	C1608 CH 1H 820J-T	T	74.7/39.3
C10	4030006860	S.CER	C1608 JB 1H 102K-T	B	69.2/51.4
C11	4030011600	S.CER	C1608 JB 1E 104K-T	B	70.2/60.9
C12	4030008920	S.CER	C1608 JB 1H 473K-T	B	70.2/58
C13	4510008540	S.ELE	EEE1CA100SR	T	78.5/78.7
C14	4030011600	S.CER	C1608 JB 1E 104K-T	T	75.3/79.2
C15	4030009630	S.CER	C1608 JB 1H 822K-T	T	68.7/76.4
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.3/75.6
C17	4030009880	S.CER	C1608 JB 1H 682K-T	T	64.1/76.4
C21	4030011600	S.CER	C1608 JB 1E 104K-T	T	71.3/68.9
C22	4030008470	S.CER	C1608 JB 1H 272K-T	T	67.1/68.8
C23	4030010760	S.CER	C1608 CH 1H 331J-T	T	65/68
C24	4030006870	S.CER	C1608 JB 1H 222K-T	T	65/69.4
C25	4030011600	S.CER	C1608 JB 1E 104K-T	T	63.6/63.6
C26	4030011600	S.CER	C1608 JB 1E 104K-T	T	61.2/70.4
C27	4030008470	S.CER	C1608 JB 1H 272K-T	T	64.7/55.7
C28	4030008470	S.CER	C1608 JB 1H 272K-T	T	63.2/55.7
C29	4030009980	S.CER	C1608 JB 1H 152K-T	T	64.7/52.8
C30	4030009880	S.CER	C1608 JB 1H 682K-T	T	63.2/51.7
C31	4030009970	S.CER	C1608 JB 1H 182K-T	T	65.1/48.3
C32	4030011600	S.CER	C1608 JB 1E 104K-T	T	67.4/51
C33	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/40.3
C34	4030010020	S.CER	C1608 JB 1H 122K-T	T	58.8/41.7
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	57.4/41.7
C36	4030010020	S.CER	C1608 JB 1H 122K-T	T	56/41.7
C37	4030008920	S.CER	C1608 JB 1H 473K-T	T	52.8/45.7
C38	4030008470	S.CER	C1608 JB 1H 272K-T	T	54.7/41.7
C39	4030009980	S.CER	C1608 JB 1H 152K-T	T	49.6/45.7
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	47.2/41.8
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	62/38.5
C42	4030009970	S.CER	C1608 JB 1H 182K-T	T	56.2/37
C43	4030011280	S.CER	C1608 CH 1H 271J-T	T	54.6/37
C44	4030006860	S.CER	C1608 JB 1H 102K-T	T	48.6/38.1
C45	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.8/28.6
C46	4030006850	S.CER	C1608 JB 1H 471K-T	T	59.1/30.1
C47	4030007110	S.CER	C1608 CH 1H 680J-T	T	57.8/30.1
C48	4030011280	S.CER	C1608 CH 1H 271J-T	T	56.4/30.1
C49	4030010020	S.CER	C1608 JB 1H 122K-T	T	53.4/33.8
C50	4030008770	S.CER	C1608 JB 1H 562K-T	T	55/29.9
C51	4030010040	S.CER	C1608 JB 1H 561K-T	T	50.3/33.8
C52	4030008920	S.CER	C1608 JB 1H 473K-T	T	47.4/30.2
C53	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.2/27.4
C54	4030010760	S.CER	C1608 CH 1H 331J-T	T	58.4/26.6
C55	4030007100	S.CER	C1608 CH 1H 560J-T	T	59.8/25.2
C56	4030010760	S.CER	C1608 CH 1H 331J-T	T	57/26.6
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	51/23.8
C58	4030006870	S.CER	C1608 JB 1H 222K-T	T	55.6/26.6
C59	4030010760	S.CER	C1608 CH 1H 331J-T	T	48.4/23
C60	4030008920	S.CER	C1608 JB 1H 473K-T	T	51/26.8
C61	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.6/15.8
C62	4030011280	S.CER	C1608 CH 1H 271J-T	T	64.4/16.6
C63	4030007100	S.CER	C1608 CH 1H 560J-T	T	62/17.8
C64	4030007150	S.CER	C1608 CH 1H 151J-T	T	59.8/16.6
C65	4030006850	S.CER	C1608 JB 1H 471K-T	T	54.8/17.8
C66	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.6/16.8
C67	4030007170	S.CER	C1608 CH 1H 221J-T	T	48.5/20.1
C68	4030008920	S.CER	C1608 JB 1H 473K-T	T	51/16.8
C69	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.6/14.4

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C70	4030007170	S.CER	C1608 CH 1H 221J-T	T	58.4/14.6
C71	4030007070	S.CER	C1608 CH 1H 330J-T	T	59.8/13.2
C72	4030007140	S.CER	C1608 CH 1H 121J-T	T	57/14.6
C73	4030011280	S.CER	C1608 CH 1H 271J-T	T	51/13.2
C74	4030010020	S.CER	C1608 JB 1H 122K-T	T	55.6/14.6
C75	4030007150	S.CER	C1608 CH 1H 151J-T	T	47.5/11.4
C76	4030008920	S.CER	C1608 JB 1H 473K-T	T	49.6/14.6
C77	4030008920	S.CER	C1608 JB 1H 473K-T	T	64.4/4.6
C79	4030007140	S.CER	C1608 CH 1H 121J-T	T	59.8/4.6
C80	4030007080	S.CER	C1608 CH 1H 390J-T	T	58.4/5.2
C81	4030007110	S.CER	C1608 CH 1H 680J-T	T	57/5
C82	4030007170	S.CER	C1608 CH 1H 221J-T	T	55.6/5
C83	4030009490	S.CER	C1608 JB 1H 821K-T	T	51/4.4
C84	4030007120	S.CER	C1608 CH 1H 820J-T	T	51/7.8
C85	4030008920	S.CER	C1608 JB 1H 473K-T	T	49.7/4.4
C86	4030011600	S.CER	C1608 JB 1E 104K-T	T	43.9/51.2
C87	4030011600	S.CER	C1608 JB 1E 104K-T	T	46.1/56.3
C88	4030008920	S.CER	C1608 JB 1H 473K-T	T	52.3/49.9
C89	4030008920	S.CER	C1608 JB 1H 473K-T	T	46.7/54.3
C90	4030008920	S.CER	C1608 JB 1H 473K-T	T	56.5/49.7
C91	4030009000	S.CER	C2012 JB 1C 224K-T	T	38.3/63.9
C92	4030008920	S.CER	C1608 JB 1H 473K-T	T	50.1/65.8
C94	4030008920	S.CER	C1608 JB 1H 473K-T	B	41.7/67.4
C95	4030008920	S.CER	C1608 JB 1H 473K-T	B	59.1/64.1
C96	4030008920	S.CER	C1608 JB 1H 473K-T	B	36.9/61.6
C97	4030011600	S.CER	C1608 JB 1E 104K-T	T	35/56.5
C98	4030007150	S.CER	C1608 CH 1H 151J-T	T	35.1/52.1
C99	4030007090	S.CER	C1608 CH 1H 470J-T	T	37.9/52.1
C100	4030007110	S.CER	C1608 CH 1H 680J-T	T	40.1/52.9
C102	4030011600	S.CER	C1608 JB 1E 104K-T	B	28.9/37.5
C103	4030011600	S.CER	C1608 JB 1E 104K-T	B	31.1/50.9
C104	4030006860	S.CER	C1608 JB 1H 102K-T	B	22.3/49
C105	4030007020	S.CER	C1608 CH 1H 120J-T	T	21.5/47.1
C106	4030008920	S.CER	C1608 JB 1H 473K-T	T	16.6/46.3
C107	4030006960	S.CER	C1608 CH 1H 050C-T	T	8.5/29.3
C109	4030009530	S.CER	C1608 CH 1H 030B-T	B	25.9/29.6
C110	4030008920	S.CER	C1608 JB 1H 473K-T	B	36.1/35.6
C111	4030011600	S.CER	C1608 JB 1E 104K-T	T	36.6/17.8
C112	4030008920	S.CER	C1608 JB 1H 473K-T	T	40.2/15.4
C113	4030007040	S.CER	C1608 CH 1H 180J-T	T	36.4/14.6
C114	4030008920	S.CER	C1608 JB 1H 473K-T	T	33.6/13.2
C115	4030008920	S.CER	C1608 JB 1H 473K-T	B	13.7/17.4
C116	4030006860	S.CER	C1608 JB 1H 102K-T	T	12/6.8
C117	4030007130	S.CER	C1608 CH 1H 101J-T	T	23.2/13.8
C118	4030008920	S.CER	C1608 JB 1H 473K-T	B	17.4/9.9
C119	4030006860	S.CER	C1608 JB 1H 102K-T	B	16/9.9
C120	4030007040	S.CER	C1608 CH 1H 180J-T	T	22.4/11.6
C121	4030007140	S.CER	C1608 CH 1H 121J-T	T	24/11.6
C122	4030007090	S.CER	C1608 CH 1H 470J-T	T	14.2/52.7
C123	4030007170	S.CER	C1608 CH 1H 221J-T	T	17.9/53.6
C124	4030007140	S.CER	C1608 CH 1H 121J-T	T	13/55.5
C125	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.8/46.3
C126	4030009520	S.CER	C1608 CH 1H 020B-T	T	32.8/28.4
C127	4030008920	S.CER	C1608 JB 1H 473K-T	T	14.6/46.3
C128	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.2/46.3
C129	4030007070	S.CER	C1608 CH 1H 330J-T	T	18.6/55.5
C130	4030009650	S.CER	C1608 CH 1H 240J-T	T	21/53.6
C131	4030007060	S.CER	C1608 CH 1H 270J-T	T	28.3/56.5
C132	4030007010	S.CER	C1608 CH 1H 100D-T	T	27.5/54.3
C134	4530000410	S.ARY	EZANCE 471M 470P	T	11.8/63.7
C135	4030008920	S.CER	C1608 JB 1H 473K-T	B	4.9/71.9
C136	4030008920	S.CER	C1608 JB 1H 473K-T	B	3.9/64.8
C137	4530000400	S.ARY	EZANCE 220M 22P	T	11.8/71.9
C138	4030011600	S.CER	C1608 JB 1E 104K-T	B	32.1/66.7
C139	4030011600	S.CER	C1608 JB 1E 104K-T	B	16.5/84
C140	4030006860	S.CER	C1608 JB 1H 102K-T	B	81.6/32.8
C141	4030006860	S.CER	C1608 JB 1H 102K-T	B	68.1/49
C142	4030007010	S.CER	C1608 CH 1H 100D-T	T	23.8/9.2
C143	4030007110	S.CER	C1608 CH 1H 680J-T	T	26.2/10
C144	4030006880	S.CER	C1608 JB 1H 472K-T	T	27.8/10
C145	4030007150	S.CER	C1608 CH 1H 151J-T	B	13.2/19.6
C146	4030007150	S.CER	C1608 CH 1H 151J-T	B	7.8/19.6
C147	4030010210	S.CER	C3216 JB 1C 105M-T	T	25.8/62.2
C148	4030008920	S.CER	C1608 JB 1H 473K-T	B	3.4/67.4
C222	4030006960	S.CER	C1608 CH 1H 050C-T [OTH-02], [EUR-01] only		
RL1	6330000180	RLY	MZ-12HG		
RL2	6330000180	RLY	MZ-12HG		
CP1	6910009670	S.CHK	HK3-S-T	T	52.7/59.1
J1	6450000150	CNR	JPJ2545-01-510		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510007020	CNR	TMP-J01X-V6		
J4	6510019761	S.CNR	52610-1571 (1590)	T	5.4/66.7
WS1	8600035490		RX1768 J05RF-A		

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	21.6/93.9
IC2	1110003780	S.IC	NJM2902V-TE1-#ZZZB	T	22.9/78.5
IC3	1110006420	S.IC	uPC2708TB-E3-A	T	44.4/72.8
IC4	1190002051	S.IC	SPM5001-TL-E	T	22.5/20.7
IC6	1110006870	S.IC	uPC2709TB-E3	T	12.7/55.4
IC7	1110002700	S.IC	NJM2904M-TE1-#FMZB	T	11.9/82.2
Q1	1580000800	S.FET	3SK324UG-TL-E	T	94.8/21.4
Q2	1580000800	S.FET	3SK324UG-TL-E	T	91.6/43
Q3	1580000800	S.FET	3SK324UG-TL-E	T	91.4/63.5
Q4	1580000800	S.FET	3SK324UG-TL-E	T	97.2/85.3
Q5	1590001400	S.TR	XP1214 (TX)	T	73.8/88.3
Q6	1590001770	S.TR	XP1213 (TX)	T	63.1/94.7
Q7	1590001310	S.TR	XN1114 (TX)	T	62.9/90.3
Q8	1590001770	S.TR	XP1213 (TX)	T	59.7/94.7
Q9	1590001310	S.TR	XN1114 (TX)	T	59.3/90.3
Q10	1590000430	S.TR	DTC144EUA T106	T	29.4/87.6
Q11	1560000811	S.FET	2SK1069-4-TL-E	T	30.3/83
Q12	1560000811	S.FET	2SK1069-4-TL-E	T	30.5/79.4
D1	1750000550	S.DIO	1SS355 TE-17	T	129.8/79.4
D2	1750000550	S.DIO	1SS355 TE-17	T	65.9/75.2
D3	1720000601	S.VCP	HN2V02H-B (TE12R,F)	T	104.7/22.5
D4	1720000601	S.VCP	HN2V02H-B (TE12R,F)	T	85.5/19.1
D5	1730002430	S.ZEN	MA8150-M (TX)	T	90.5/10.3
D6	1750000531	S.DIO	1SV271 (TPH3,F)	T	112.6/25.7
D7	1750000531	S.DIO	1SV271 (TPH3,F)	T	70.8/25.8
D8	1750000531	S.DIO	1SV271 (TPH3,F)	T	112.4/38.4
D9	1720000681	S.VCP	1SV262 (TPH2,F)	T	102.6/38.3
D10	1720000681	S.VCP	1SV262 (TPH2,F)	T	105.5/45.4
D11	1720000681	S.VCP	1SV262 (TPH2,F)	T	96.6/41.6
D12	1720000681	S.VCP	1SV262 (TPH2,F)	T	84.3/41.1
D13	1750000531	S.DIO	1SV271 (TPH3,F)	T	72.5/41.4
D14	1790000620	S.DIO	MA77 (TX)	T	112.8/60.1
D15	1720000681	S.VCP	1SV262 (TPH2,F)	T	95.2/60.6
D16	1720000681	S.VCP	1SV262 (TPH2,F)	T	85/60.8
D17	1790000620	S.DIO	MA77 (TX)	T	70.1/60.5
D19	1720000261	S.VCP	1SV214 (TPH2,F)	T	109.8/83.4
D20	1720000261	S.VCP	1SV214 (TPH2,F)	T	102.7/83.5
D21	1720000261	S.VCP	1SV214 (TPH2,F)	T	102.7/80.2
D22	1720000261	S.VCP	1SV214 (TPH2,F)	T	88.4/84.6
D23	1720000261	S.VCP	1SV214 (TPH2,F)	T	88.4/81.2
D24	1750000111	S.DIO	1SS272 (TE85R,F)	T	22.9/87.7
D25	1750000531	S.DIO	1SV271 (TPH3,F)	T	40.8/59.7
D26	1750000531	S.DIO	1SV271 (TPH3,F)	T	41.6/39.9
D27	1750000531	S.DIO	1SV271 (TPH3,F)	T	28/59.7
D28	1750000531	S.DIO	1SV271 (TPH3,F)	T	30.2/37.1
D29	1720000261	S.VCP	1SV214 (TPH2,F)	T	24.4/56.5
D30	1720000261	S.VCP	1SV214 (TPH2,F)	T	22.6/57.3
D31	1720000261	S.VCP	1SV214 (TPH2,F)	T	25/49.3
D32	1720000261	S.VCP	1SV214 (TPH2,F)	T	23.2/47.8
D33	1720000681	S.VCP	1SV262 (TPH2,F)	T	93.5/58.9
D34	1720000681	S.VCP	1SV262 (TPH2,F)	T	83.4/58.3
L1	6200003261	S.COL	NLV32T-101J	T	112.4/21.1
L2	6200002981	S.COL	NLV32T-R56J	T	109.2/21.1
L3	6200003021	S.COL	NLV32T-R33J	T	104.7/17.8
L4	6200001471	S.COL	NLV32T-R12J	T	99.9/20.3
L5	6200001471	S.COL	NLV32T-R12J	T	100/16.5
L6	6200004900	S.COL	ELJFC 5R6K-F	T	91.7/23.4
L7	6200001471	S.COL	NLV32T-R12J	T	84.4/23.5
L8	6200003421	S.COL	NLV32T-R15J	T	81/19.6
L9	6200003011	S.COL	NLV32T-R27J	T	79.9/23.5
L10	6200003261	S.COL	NLV32T-101J	T	72.4/22.4
L11	6200001831	S.COL	NLV32T-100J	T	111.1/43.9
L12	6200003011	S.COL	NLV32T-R27J	T	108/45.5
L13	6200001471	S.COL	NLV32T-R12J	T	105.1/40.9
L14	6200003431	S.COL	NLV32T-R10J	T	102.1/44.7
L15	6200002390	S.COL	LQW31HN64NJ03L	T	98.6/44.2
L16	6200002100	S.COL	LQW31HN17NJ03L	T	98.6/39.3
L17	6200001620	S.COL	ELJFC 1R0K-F	T	88.5/45.1
L18	6200002370	S.COL	LQW31HN39NJ03L	T	82.3/43
L19	6200002820	S.COL	LQW31HN47NJ03L	T	82.3/38.2
L20	6200003431	S.COL	NLV32T-R10J	T	78.8/41
L21	6200001831	S.COL	NLV32T-100J	T	72.9/43.8
L23	6200003331	S.COL	NLV32T-1R0J	T	114.7/64.1
L24	6200002350	S.COL	LQW31HN27NJ03L	T	110/61
L25	6200002820	S.COL	LQW31HN47NJ03L	T	105.6/60
L26	6200007670	S.COL	LQW2BHN10NJ03L	T	101.8/64
L27	6200007670	S.COL	LQW2BHN10NJ03L	T	97.3/64.9
L28	6200007670	S.COL	LQW2BHN10NJ03L	T	98.4/60
L29	6200003251	S.COL	NLV32T-R39J	T	88/66.1
L30	6200002330	S.COL	LQW31HN15NJ03L	T	82.2/64.8
L31	6200007670	S.COL	LQW2BHN10NJ03L	T	78.5/62.1
L32	6200002360	S.COL	LQW31HN33NJ03L	T	77.5/66
L33	6200003331	S.COL	NLV32T-1R0J	T	70/64.9
L35	6200002350	S.COL	LQW31HN27NJ03L	T	110.9/85.4
L36	6200005351	S.COL	LL1608-FSL10NJ	T	106.5/83.7
L37	6200005301	S.COL	LL1608-FSL3N9S	T	104.3/83.8
L38	6200005301	S.COL	LL1608-FSL3N9S	T	104.3/80.5
L39	6200002820	S.COL	LQW31HN47NJ03L	T	94.2/87.2
L41	6200005341	S.COL	LL1608-FSL8N2J	T	86.8/81.2
L42	6200002330	S.COL	LQW31HN15NJ03L	T	83.8/82.4
L43	6200003331	S.COL	NLV32T-1R0J	T	40.2/73.1

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L44	6200001831	S.COL	NLV32T-100J	T	40.2/77.3
L46	6200007670	S.COL	LQW2BHN10NJ03L	T	43.4/57
L47	6200002330	S.COL	LQW31HN15NJ03L	T	43/52.3
L48	6200002100	S.COL	LQW31HN17NJ03L	T	43/47.3
L49	6200001831	S.COL	NLV32T-100J	T	42.5/43.2
L51	6200005291	S.COL	LL1608-FSL3N3S	T	27.8/54.9
L52	6200002320	S.COL	LQW31HN8N8J03L	T	30.2/52.1
L53	6200005301	S.COL	LL1608-FSL3N9S	T	28/48.9
L54	6200012040	S.COL	LL1608-FSL5N6S	T	29.4/48.5
L55	6200005301	S.COL	LL1608-FSL3N9S	T	29.4/45.8
L56	6200005291	S.COL	LL1608-FSL3N3S	T	29.4/42.8
L57	6200003331	S.COL	NLV32T-1R0J	T	27.3/38
L58	6140002551	S.COL	#617DB-1919=P3	T	28.2/25.2
L59	6140002551	S.COL	#617DB-1919=P3	T	17/21.6
L60	6200003331	S.COL	NLV32T-1R0J	T	16/15.7
L61	6140002551	S.COL	#617DB-1919=P3	T	28.2/18.3
L62	6200003331	S.COL	NLV32T-1R0J	T	23.8/13
L64	6200012030	S.COL	LL1608-FSL22NJ	T	13.1/51.5
L65	6200001770	S.COL	ELJNC 47NK-F	T	9.1/51.8
L67	6200005301	S.COL	LL1608-FSL3N9S	T	12.4/44.1
L69	6200012040	S.COL	LL1608-FSL5N6S	T	12.4/41.2
L70	6200005371	S.COL	LL1608-FSL15NJ	T	8.7/38.8
L72	6200005331	S.COL	LL1608-FSL6N8J	T	12.4/47.2
L73	6200010561	S.COL	LL1608-FSL39NJ	T	107.3/81.4
L74	6200012040	S.COL	LL1608-FSL5N6S	T	30/55.3
L75	6200007670	S.COL	LQW2BHN10NJ03L	T	30.3/13
L76	6200002320	S.COL	LQW31HN8N8J03L	T	32.2/9.5
L77	6200005331	S.COL	LL1608-FSL6N8J	T	35.8/9.8
L78	6200006030	S.COL	LQP18MN4N7C02D	T	126/87.4
L79	6200012040	S.COL	LL1608-FSL5N6S	T	127.4/85.8
L80	6200003031	S.COL	NLV32T-R47J	T	120.7/80.5
L81	6200003331	S.COL	NLV32T-1R0J	T	30.4/58.3
L82	6200012030	S.COL	LL1608-FSL22NJ	T	23.6/60.3
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	114.7/97.8
R2	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	104.1/26.5
R3	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	95.9/18
R4	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	97.2/18
R5	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	93.8/18
R6	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	96.9/25.3
R7	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	88.5/24.4
R8	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	88/15.6
R10	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	108.2/40.2
R11	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	95.1/39.1
R12	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	86/39.2
R13	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	93.7/41.2
R14	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	95.4/46.1
R15	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	87.8/39.6
R16	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	94/46.1
R17	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	85.8/46.3
R19	7030000370	S.RES	MCR10EZHJ 820 (821)	T	125.3/51.9
R20	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	91.9/59
R21	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	82.6/60.7
R22	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	92/69.5
R23	7030003250	S.RES	ERJ3GEYJ 270 V (27)	T	87/60
R24	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	98.4/68.4
R25	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	90.2/68.8
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	92.5/61.5
R27	7030000370	S.RES	MCR10EZHJ 820 (821)	T	57/55
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	110.9/81.1
R29	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	99.3/80
R30	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	90/80.8
R31	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	93.6/82.2
R32	7030003270	S.RES	ERJ3GEYJ 390 V (39)	T	90/88.8
R33	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	98.2/88.6
R34	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	48.4/73.6
R35	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	69.6/88.8
R36	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	37.5/70.2
R37	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	40.2/68.8
R38	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	44.2/69.9
R39	7410000750	S.ARY	EXB-V4V 104JV (100 k)	T	15.2/95.8
R40	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	13.5/94.8
R41	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	27.1/95
R42	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)	T	54.7/92.1
R43	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	55.5/95.1
R44	7030003860	S.RES	ERJ3GE JPW V	T	54.1/96.7
R45	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	27.7/92.2
R46	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	26.3/92.2
R48	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	14.3/69.4
R49	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	14.3/70.8
R50	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	17.9/69.4
R51	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)	T	25.1/69
R52	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	17.9/70.8
R54	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	T	14.3/73.6
R56	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	14.3/72.2
R57	7030003730	S.RES	ERJ3GEYJ 274 V (270 k)	T	19.3/76.6
R58	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	18/73.6
R59	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	17.9/72.2
R62	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	16.3/83.2
R63	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	14.5/76.4
R64	7030003630	S.RES	ERJ3GEYJ 393 V (39 k)	T	17.1/81.2
R65	7030003700	S.RES	ERJ3GEYJ 154 V (150 k)	T	19.3/80.4
R66	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	20.9/84.2
R67	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	98.8/83.3
R68	7410000580	S.ARY	EXB-V4V 224JV (220 k)	T	19.6/88.4
R69	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	27.9/83

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R70	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	98.3/81.5
R71	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	32.9/83.8
R72	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	33.1/80.2
R73	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	26.1/87.3
R74	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	31.5/75.8
R75	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)	T	28.2/79.2
R76	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	28.2/76.4
R77	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	30.5/77.2
R78	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	20.9/85.5
R79	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	27.2/97.1
R80	7410000800	S.ARY	EXB-V8V 103JV (10 k)	T	28.3/70.8
R81	7410000800	S.ARY	EXB-V8V 103JV (10 k)	T	61/85.6
R82	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	39.6/67.4
R83	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	45.3/41
R84	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	35.5/26.4
R85	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.6/38
R86	7410000750	S.ARY	EXB-V4V 104JV (100 k)	T	27/52.4
R87	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	23.9/53.4
R88	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)	T	6.8/26.8
R89	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	4.8/26.8
R90	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	38.2/13.8
R91	7030007680	S.RES	ERJ8ENF 47R0V (47)	T	2/26.1
R92	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	40.4/13
R93	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	6.5/59.6
R94	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	8.7/58.8
R95	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	6.5/58
R96	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	8.7/49.6
R97	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	10.9/48.8
R98	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	8.7/48
R99	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	9.4/35.8
R100	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	6.5/83
R105	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	10.9/76.6
R106	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	47.8/71.4
R107	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	38.2/12.2
R108	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	47/69.2
R109	7310004790	S.TRI	EVM-3YSX50 B14 (103)	T	5.8/22.8
R110	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	93.8/24.6
R111	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	84.9/25.8
R112	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	90.5/46.3
R113	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	90.2/66.2
R114	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	83.9/67.4
R115	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	88.2/63
R116	7030003240	S.RES	ERJ3GEYJ 220 V (22)	T	92.4/84.4
R117	7030003860	S.RES	ERJ3GE JPW V	T	86.8/84.4
R118	7030003860	S.RES	ERJ3GE JPW V	T	112/16
R119	7030003860	S.RES	ERJ3GE JPW V	T	71.6/18.4
R120	7030003860	S.RES	ERJ3GE JPW V	T	111.3/46.7
R121	7030003860	S.RES	ERJ3GE JPW V	T	76/46.5
R122	7030003860	S.RES	ERJ3GE JPW V	T	111.5/66.5
R123	7030003860	S.RES	ERJ3GE JPW V	T	73/69
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	129.6/81.1
C2	4030006860	S.CER	C1608 JB 1H 102K-T	T	122.4/52.9
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	110.6/24
C4	4030006850	S.CER	C1608 JB 1H 471K-T	T	109/25.7
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	112.8/18.2
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	90.4/16.4
C7	4030009490	S.CER	C1608 JB 1H 821K-T	T	96.9/23.8
C8	4030006880	S.CER	C1608 JB 1H 472K-T	T	92.4/18
C9	4030006860	S.CER	C1608 JB 1H 102K-T	T	92/26.6
C10	4030007050	S.CER	C1608 CH 1H 220J-T	T	90/20.6
C11	4030006880	S.CER	C1608 JB 1H 472K-T	T	89.3/26.6
C12	4030006880	S.CER	C1608 JB 1H 472K-T	T	75.8/23.6
C13	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.8/19.4
C14	4030006860	S.CER	C1608 JB 1H 102K-T	T	56/57.6
C15	4030006860	S.CER	C1608 JB 1H 102K-T	T	110.6/41
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	108.2/42.4
C17	4030007030	S.CER	C1608 CH 1H 150J-T	T	100.9/38.4
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	88.2/36.8
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	114/45.4
C20	4030006860	S.CER	C1608 JB 1H 102K-T	T	96.6/38.4
C21	4030006860	S.CER	C1608 JB 1H 102K-T	T	92.6/46.1
C22	4030006850	S.CER	C1608 JB 1H 471K-T	T	90.6/39.6
C23	4030006860	S.CER	C1608 JB 1H 102K-T	T	87.6/48
C24	4030007010	S.CER	C1608 CH 1H 100D-T	T	86.7/42
C25	4030006860	S.CER	C1608 JB 1H 102K-T	T	82.3/47.6
C26	4030006860	S.CER	C1608 JB 1H 102K-T	T	84.3/37.8
C27	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.7/39.8
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	76.8/43.7
C29	4030007130	S.CER	C1608 CH 1H 101J-T	T	112.4/63.4
C30	4030007010	S.CER	C1608 CH 1H 100D-T	T	107.7/64.2
C31	4030009650	S.CER	C1608 CH 1H 240J-T	T	105.4/64
C32	4030007070	S.CER	C1608 CH 1H 330J-T	T	104.6/66.2
C33	4030007130	S.CER	C1608 CH 1H 101J-T	T	115/67
C34	4030006850	S.CER	C1608 JB 1H 471K-T	T	115/68.5
C36	4030006860	S.CER	C1608 JB 1H 102K-T	T	95.4/69.1
C37	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.8/60
C38	4030006850	S.CER	C1608 JB 1H 471K-T	T	88.4/60
C39	4030009530	S.CER	C1608 CH 1H 030B-T	T	85.4/63
C40	4030007130	S.CER	C1608 CH 1H 101J-T	T	91.8/67.3
C41	4030006850	S.CER	C1608 JB 1H 471K-T	T	86.5/69.2
C43	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.1/65.2
C44	4030006850	S.CER	C1608 JB 1H 471K-T	T	69.8/67.6
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	69.8/69
C46	4030007130	S.CER	C1608 CH 1H 101J-T	T	81.8/58.5
C47	4030007020	S.CER	C1608 CH 1H 120J-T	T	114.2/81.2

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C48	4030006850	S.CER	C1608 JB 1H 471K-T	T	89.8/78.6
C49	4030006850	S.CER	C1608 JB 1H 471K-T	T	96.4/81.8
C50	4030006860	S.CER	C1608 JB 1H 102K-T	T	95/82.2
C51	4030006850	S.CER	C1608 JB 1H 471K-T	T	100.3/86.4
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	100.3/87.8
C53	4030006850	S.CER	C1608 JB 1H 471K-T	T	94.1/90.4
C54	4030006850	S.CER	C1608 JB 1H 471K-T	T	87.3/90.2
C55	4030009520	S.CER	C1608 CH 1H 020B-T	T	90.8/85.8
C56	4030008560	S.CER	C1608 CH 1H 300J-T	T	80/82.3
C57	4030006860	S.CER	C1608 JB 1H 102K-T	T	47/73.6
C59	4030006860	S.CER	C1608 JB 1H 102K-T	T	41/70.2
C60	4030006850	S.CER	C1608 JB 1H 471K-T	T	43.2/75.2
C61	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.2/76.6
C66	4030006860	S.CER	C1608 JB 1H 102K-T	T	31.5/92.2
C67	4030007090	S.CER	C1608 CH 1H 470J-T		
			[EUR-01] only	T	2.4/91.2
C68	4030007090	S.CER	C1608 CH 1H 470J-T		
			[EUR-01] only	T	2.3/94.1
C72	4530000410	S.ARY	EZANCE 471M 470P	T	43.2/85.7
C75	4030011600	S.CER	C1608 JB 1E 104K-T	T	16.2/91.8
C76	4030011600	S.CER	C1608 JB 1E 104K-T	T	22.6/97.6
C77	4030011600	S.CER	C1608 JB 1E 104K-T	T	26/97.1
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.1/70.4
C79	4510008550	S.ELE	EEE1HA010SR	T	15.1/66.4
C80	4510008550	S.ELE	EEE1HA010SR	T	12.1/90.7
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	15.8/89.6
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	43.4/67.9
C83	4030006950	S.CER	C1608 CH 1H 040C-T	T	46.6/59.1
C84	4030006950	S.CER	C1608 CH 1H 040C-T	T	45.8/56.9
C85	4030006990	S.CER	C1608 CH 1H 080D-T	T	46/54
C86	4030009520	S.CER	C1608 CH 1H 020B-T	T	41/52.3
C87	4030006990	S.CER	C1608 CH 1H 080D-T	T	46/49.8
C88	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	41/47.2
C89	4030006950	S.CER	C1608 CH 1H 040C-T	T	46/45.6
C90	4030006900	S.CER	C1608 JB 1H 103K-T	T	45.5/43.4
C91	4030007130	S.CER	C1608 CH 1H 101J-T	T	46.8/43.4
C92	4030006850	S.CER	C1608 JB 1H 471K-T	T	48.2/42.7
C93	4030006960	S.CER	C1608 CH 1H 050C-T	T	26.4/54.9
C94	4030006980	S.CER	C1608 CH 1H 070D-T	T	26.6/48.9
C95	4030007090	S.CER	C1608 CH 1H 470J-T	T	22.5/51
C96	4030009520	S.CER	C1608 CH 1H 020B-T	T	25.8/46.6
C97	4030009510	S.CER	C1608 CH 1H 010B-T	T	28/45.8
C98	4030009520	S.CER	C1608 CH 1H 020B-T	T	25.8/45
C100	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	28.6/40.4
C101	4030007090	S.CER	C1608 CH 1H 470J-T	T	25.6/40.4
C102	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.8/40.2
C103	4030006860	S.CER	C1608 JB 1H 102K-T	T	32.2/24.2
C104	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.6/12.7
C105	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.6/11.4
C106	4030006850	S.CER	C1608 JB 1H 471K-T	T	17.6/25.6
C107	4030006850	S.CER	C1608 JB 1H 471K-T	T	15/25.6
C108	4030006850	S.CER	C1608 JB 1H 471K-T	T	28.5/21.4
C109	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.2/20.5
C110	4030006850	S.CER	C1608 JB 1H 471K-T	T	19.8/13.6
C111	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.8/12.2
C112	4030006850	S.CER	C1608 JB 1H 471K-T	T	37.4/9.8
C113	4030006860	S.CER	C1608 JB 1H 102K-T		
			[EUR-01] only	T	6.5/18.7
C114	4030006860	S.CER	C1608 JB 1H 102K-T		
			[EUR-01] only	T	1.8/15.1
C117	4030006850	S.CER	C1608 JB 1H 471K-T	T	10.9/58
C118	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.1/49.6
C119	4030006850	S.CER	C1608 JB 1H 471K-T	T	10.2/54.9
C120	4030007010	S.CER	C1608 CH 1H 100D-T	T	12.1/52.9
C121	4030006850	S.CER	C1608 JB 1H 471K-T	T	7.3/54.9
C122	4030009520	S.CER	C1608 CH 1H 020B-T	T	8.7/44.9
C123	4030009520	S.CER	C1608 CH 1H 020B-T	T	10.9/44.1
C124	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	8.7/43.3
C125	4030006950	S.CER	C1608 CH 1H 040C-T	T	13.8/39.6
C126	4030006950	S.CER	C1608 CH 1H 040C-T	T	11.6/36.6
C127	4030006960	S.CER	C1608 CH 1H 050C-T	T	11.8/38.8
C128	4030006850	S.CER	C1608 JB 1H 471K-T	T	13.6/35.8
C129	4030006860	S.CER	C1608 JB 1H 102K-T	T	7.9/83.8
C130	4510008550	S.ELE	EEE1HA010SR	T	6.7/89.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.2/39.6
C132	4030007060	S.CER	C1608 CH 1H 270J-T	T	112.8/83.2
C133	4030009530	S.CER	C1608 CH 1H 030B-T	T	79.2/84.2
C134	4030009560	S.CER	C1608 CH 1H R75B-T	T	10.9/41.2
C135	4030009510	S.CER	C1608 CH 1H 010B-T	T	8.7/40.4
C136	4510008550	S.ELE	EEE1HA010SR	T	21.8/69.8
C137	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	35.5/25
C138	4030006850	S.CER	C1608 JB 1H 471K-T	T	33.6/24.2
C139	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/25.6
C140	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	13.7/17.8
C141	4030006950	S.CER	C1608 CH 1H 040C-T	T	26.5/13
C142	4030009510	S.CER	C1608 CH 1H 010B-T	T	28/13
C143	4030006950	S.CER	C1608 CH 1H 040C-T	T	28/10.1
C144	4030009520	S.CER	C1608 CH 1H 020B-T	T	33.6/12
C145	4030006940	S.CER	C1608 CH 1H 030C-T	T	35.8/12.8
C146	4030006860	S.CER	C1608 JB 1H 102K-T	T	90/90.2
C147	4030006860	S.CER	C1608 JB 1H 102K-T	T	92/89.9
C148	4030006860	S.CER	C1608 JB 1H 102K-T	T	109.5/79.4
C149	4030006850	S.CER	C1608 JB 1H 471K-T	T	96.8/79
C150	4030006850	S.CER	C1608 JB 1H 471K-T	T	93.1/80
C151	4030006860	S.CER	C1608 JB 1H 102K-T	T	132.5/82.3
C152	4030006860	S.CER	C1608 JB 1H 102K-T	T	117/96.4
C153	4030009520	S.CER	C1608 CH 1H 020B-T	T	122.7/88.3

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C154	4030009520	S.CER	C1608 CH 1H 020B-T	T	124.6/87.4
C155	4030009520	S.CER	C1608 CH 1H 020B-T	T	122.9/85.7
C156	4030007130	S.CER	C1608 CH 1H 101J-T	T	126/84.2
C157	4030007130	S.CER	C1608 CH 1H 101J-T	T	126/81.4
C158	4030006850	S.CER	C1608 JB 1H 471K-T	T	124.1/82.1
C159	4030006850	S.CER	C1608 JB 1H 471K-T	T	109.4/97
C160	4030006850	S.CER	C1608 JB 1H 471K-T	T	100.7/96.4
C161	4030006850	S.CER	C1608 JB 1H 471K-T	T	59.8/52.1
C162	4030006850	S.CER	C1608 JB 1H 471K-T	T	61.4/32.4
C163	4030006850	S.CER	C1608 JB 1H 471K-T	T	61.4/30.6
C164	4030006850	S.CER	C1608 JB 1H 471K-T	T	90.4/7.1
C165	4030006850	S.CER	C1608 JB 1H 471K-T	T	1.5/85.5
C166	4030007010	S.CER	C1608 CH 1H 100D-T	T	27.2/57.1
C167	4030007010	S.CER	C1608 CH 1H 100D-T	T	26.4/59.3
C168	4030007030	S.CER	C1608 CH 1H 150J-T	T	25/59.7
C171	4030009920	S.CER	C1608 CH 1H 050B-T	T	99/22.4
C172	4030009920	S.CER	C1608 CH 1H 050B-T	T	95.8/43.9
C173	4030007130	S.CER	C1608 CH 1H 101J-T	T	94/62.8
C174	4030009920	S.CER	C1608 CH 1H 050B-T	T	100.3/84.8
RL1	6330000810	RLY	ARK115		
RL2	6330000810	RLY	ARK115		
CP1	6910009670	S.CHK	HK3-S-T	T	1.8/21.9
J1	6510007020	CNR	TMP-J01X-V6		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510019761	S.CNR	52610-1571 (1590)	T	41.4/95.8
J4	6510007020	CNR	TMP-J01X-V6		
EP71	6910012350	S.BEA	MMZ1608Y 102BT	T	34.5/90.6
EP72	6910012350	S.BEA	MMZ1608Y 102BT	T	35.8/90.6
EP73	6910012350	S.BEA	MMZ1608Y 102BT	T	37.1/90.6
EP74	6910012350	S.BEA	MMZ1608Y 102BT	T	38.4/90.6
EP75	6910012350	S.BEA	MMZ1608Y 102BT	T	49/87
EP76	6910012350	S.BEA	MMZ1608Y 102BT	T	49/88.3
EP77	6910012350	S.BEA	MMZ1608Y 102BT	T	49/89.6
EP78	6910012350	S.BEA	MMZ1608Y 102BT	T	49/90.9

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006970	S.IC	MAALSS0038TR	T	65.6/10
IC2	6910010230	S.IC	5MXF25-7 [OTH-02]	T	65/41.7
	6910010231	S.IC	5MXF25-7-LF CONV [EUR-01], [CHN]	T	65/41.7
IC3	1110006420	S.IC	uPC2708TB-E3-A	T	58.4/27
IC4	1140006720	S.IC	LMX2316TMX/NOPB	T	16/45.7
IC6	1190002380	S.IC	MVE1017-42-J1803	T	27.7/26.7
IC7	1110006420	S.IC	uPC2708TB-E3-A	T	19.7/36.2
IC8	1110004610	S.IC	uPB1508GV-E1	T	17.8/60.3
IC9	1110006870	S.IC	uPC2709TB-E3	T	48/61.4
IC10	1130007700	S.IC	BU4094BCF-E2	T	14.4/14.5
IC11	1160000131	S.IC	TD62783AFG (5,S,EL)	T	27.3/9.2
Q2	1590001770	S.TR	XP1213 (TX)	T	66.9/51.6
Q3	1590001001	S.TR	RN2427 (TE85L,F)	T	42.5/12.6
Q4	1590000430	S.TR	DTC144EUA T106	T	44.3/6.8
Q5	1590001001	S.TR	RN2427 (TE85L,F)	T	28.1/18.3
Q6	1590000430	S.TR	DTC144EUA T106	T	24.5/18.6
Q7	1590001770	S.TR	XP1213 (TX)	T	38.9/13
Q10	1590001330	S.TR	DTA114EUA T106	T	42.5/9.4
Q11	1530003450	S.TR	2SC4835-R (TX)	T	76.5/67.4
Q12	1530003450	S.TR	2SC4835-R (TX)	T	44.6/72.9
Q13	1530002280	S.TR	2SC4081 T106 S	T	40.2/19.1
Q14	1590001001	S.TR	RN2427 (TE85L,F)	T	32.2/18.6
D1	1750000550	S.DIO	1SS355 TE-17	T	79.7/19.6
D3	1720000681	S.VCP	1SV262 (TPH2,F)	T	74.2/9.2
D4	1720000681	S.VCP	1SV262 (TPH2,F)	T	74.2/5.6
D5	1720000681	S.VCP	1SV262 (TPH2,F)	T	69.1/8.2
D6	1750000550	S.DIO	1SS355 TE-17	T	75/57.9
D7	1790000620	S.DIO	MA77 (TX)	T	80.9/69.2
D8	1790000620	S.DIO	MA77 (TX)	T	67.5/69.3
D9	1790000620	S.DIO	MA77 (TX)	T	49.1/73.8
D10	1790000620	S.DIO	MA77 (TX)	T	35.7/73.9
D11	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.1/56.9
D12	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.1/62.9
D13	1750000211	S.DIO	1SV237 (TE85R,F)	T	42.8/52.3
D14	1750000211	S.DIO	1SV237 (TE85R,F)	T	42.9/40.5
D15	1750000531	S.DIO	1SV271 (TPH3,F)	T	80.9/71.2
D16	1750000531	S.DIO	1SV271 (TPH3,F)	T	67.5/71.2
D17	1750000531	S.DIO	1SV271 (TPH3,F)	T	49.1/75.8
D18	1750000531	S.DIO	1SV271 (TPH3,F)	T	35.7/75.8
D19	1750000550	S.DIO	1SS355 TE-17	T	8.8/47.8
D20	1720000681	S.VCP	1SV262 (TPH2,F)	T	79.2/8.6
D21	1720000681	S.VCP	1SV262 (TPH2,F)	T	80.4/5.6
D22	1790000660	S.DIO	MA728 (TX)	T	40.2/21.4

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L2	6200005331	S.COL	LL1608-FSL6N8J	T	77.6/9.8
L3	6200006050	S.COL	LQP18MN6N8C02D	T	76/11.2
L4	6200006040	S.COL	LQP18MN5N6C02D	T	71.8/9.6
L5	6200005361	S.COL	LL1608-FSL12NJ	T	63.6/6.4
L6	6200001620	S.COL	ELJFC 1R0K-F	T	56.3/13.1
L10	6200005411	S.COL	LL1608-FSL33NJ	T	62/26
L11	6200003331	S.COL	NLV32T-1R0J	T	57.7/23.6
L12	6200005301	S.COL	LL1608-FSL3N9S	T	74.2/51
L16	6200001981	S.COL	NLV25T-1R0J	T	83.8/73.1
L17	6200001981	S.COL	NLV25T-1R0J	T	71/79.8
L18	6200001981	S.COL	NLV25T-1R0J	T	71.5/67.3
L19	6200001981	S.COL	NLV25T-1R0J	T	64.5/70.4
L20	6200001981	S.COL	NLV25T-1R0J	T	53.1/75.5
L21	6200001981	S.COL	NLV25T-1R0J	T	52/78.3
L22	6200001981	S.COL	NLV25T-1R0J	T	39.7/71.9
L23	6200001981	S.COL	NLV25T-1R0J	T	32.7/74.9
L24	6200003550	S.COL	MLF1608A 4R7K-T	T	9.2/44.3
L25	6200001620	S.COL	ELJFC 1R0K-F	T	22.8/53.1
L27	6200003331	S.COL	NLV32T-1R0J	T	36.8/18.9
L28	6200001620	S.COL	ELJFC 1R0K-F	T	25.9/37.7
L29	6200005341	S.COL	LL1608-FSL8N2J	T	25/45.6
L30	6200005351	S.COL	LL1608-FSL10NJ	T	25.8/42.3
L31	6200001770	S.COL	ELJNC 47NK-F	T	10.2/56.7
L32	6200001620	S.COL	ELJFC 1R0K-F	T	11.4/59.2
L36	6200001770	S.COL	ELJNC 47NK-F	T	9.3/61.9
L40	6200001770	S.COL	ELJNC 47NK-F	T	23.1/59.9
L41	6200001770	S.COL	ELJNC 47NK-F	T	47.5/57.4
L42	6200003331	S.COL	NLV32T-1R0J	T	42.9/57.4
L43	6200005361	S.COL	LL1608-FSL12NJ	T	46.8/50.4
L44	6200005381	S.COL	LL1608-FSL18NJ	T	46.8/47.2
L45	6200005381	S.COL	LL1608-FSL18NJ	T	46.8/44
L46	6200003331	S.COL	NLV32T-1R0J	T	50.3/43.8
L47	6200005331	S.COL	LL1608-FSL6N8J	T	38.6/50.2
L48	6200005341	S.COL	LL1608-FSL8N2J	T	38.6/47.2
L49	6200005341	S.COL	LL1608-FSL8N2J	T	38.6/44.2
L50	6200001770	S.COL	ELJNC 47NK-F	T	35.5/43.3
L52	6200001770	S.COL	ELJNC 47NK-F	T	22.8/39.1
L53	6200005361	S.COL	LL1608-FSL12NJ	T	57.6/5.6
L54	6200005361	S.COL	LL1608-FSL12NJ	T	53.2/5.6
L56	6200005351	S.COL	LL1608-FSL10NJ	T	68.2/10.2
L57	6200003251	S.COL	NLV32T-R39J	T	9/40.4
L58	6200005311	S.COL	LL1608-FSL4N7S	T	69.8/26
L59	6200003001	S.COL	NLV32T-R22J	T	20.4/23.6
L60	6170000230	COL	LW-25		
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	71/32.6
R2	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	78/5.6
R3	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	75.8/7.8
R4	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	71.7/6.9
R8	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	60.6/5.6
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	59/5.6
R11	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	65.2/26
R12	7030003210	S.RES	ERJ3GEYJ 120 V (12)	T	66/28.2
R13	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	66.8/26
R14	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	69.4/56
R15	7030000370	S.RES	MCR10EZHJ 820 (821)	T	83.8/75.3
R16	7030000340	S.RES	MCR10EZHJ 470 (471)	T	78.7/73.8
R17	7030000240	S.RES	MCR10EZHJ 68 (680)	T	74.5/75
R18	7030000290	S.RES	MCR10EZHJ 180 (181)	T	74.5/73
R19	7030000240	S.RES	MCR10EZHJ 68 (680)	T	71.8/73.9
R20	7030000340	S.RES	MCR10EZHJ 470 (471)	T	67/73.7
R21	7030000370	S.RES	MCR10EZHJ 820 (821)	T	64.6/73.9
R23	7030000370	S.RES	MCR10EZHJ 820 (821)	T	56.9/75.6
R24	7030000340	S.RES	MCR10EZHJ 470 (471)	T	46.9/78.4
R25	7030000270	S.RES	MCR10EZHJ 120 (121)	T	42.7/79.6
R26	7030000230	S.RES	MCR10EZHJ 56 (560)	T	42.7/77.6
R27	7030000270	S.RES	MCR10EZHJ 120 (121)	T	40/78.5
R28	7030000340	S.RES	MCR10EZHJ 470 (471)	T	35.2/78.3
R29	7030000370	S.RES	MCR10EZHJ 820 (821)	T	32.8/78.5
R30	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	48.5/67.8
R31	7410001090	S.ARY	EXB-V8V 101JV	T	66.9/60.1
R32	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	10.4/51.3
R34	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	12.2/39.9
R37	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	14/28
R38	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	40/23
R39	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	15.6/36
R40	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	16.4/37.9
R41	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	19.2/38.6
R42	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	25.8/41
R43	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.4/50.5
R44	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	25.7/54.6
R45	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	26.2/58.2
R46	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	13.4/56.1
R47	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	12.2/63.8
R48	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	35.2/60.4
R49	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	30.4/50.6
R50	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	45.2/40.4
R51	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	47.4/39.6
R52	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	47.4/41
R53	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	47.9/16.3
R54	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	47.8/8.6
R55	7310004790	S.TRI	EVM-3YSX50 B14 (103)	T	47.8/5.3
R56	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	43.8/4.2
R57	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	45.2/4.2
R58	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	43/54.6
R61	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	59.8/7.6

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

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R62	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	71.8/40.6
R64	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	37.9/6.1
R65	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	37.9/9.7
R66	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	70.9/11.8
R67	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	51/48.8
R68	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	35/46
R69	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	70.8/63
R70	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	42.6/63.4
R71	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	40.4/62.6
R72	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	38.2/63.4
R73	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	11.5/37.8
R74	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	12.2/25.8
R75	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	14.8/25.8
R76	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	54.6/29
R77	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	80/10.8
R78	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	27/54.6
R79	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	71.6/46.1
R100	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	17.1/41.3
R103	7030003860	S.RES	ERJ3GE JPW V	T	78.4/12
R104	7030003860	S.RES	ERJ3GE JPW V	T	80/13.4
R106	7030003860	S.RES	ERJ3GE JPW V	T	69.6/11.8
R107	7030003860	S.RES	ERJ3GE JPW V	T	88.8/69.6
R108	7030003860	S.RES	ERJ3GE JPW V	T	86/69.8
R109	7030003860	S.RES	ERJ3GE JPW V	T	78.6/68.4
C1	4030006850	S.CER	C1608 JB 1H 471K-T	T	79.8/18.1
C2	4030009530	S.CER	C1608 CH 1H 030B-T	T	83/13.4
C6	4030009530	S.CER	C1608 CH 1H 030B-T	T	76.8/13.4
C8	4030009520	S.CER	C1608 CH 1H 020B-T	T	73.8/12.6
C9	4030006850	S.CER	C1608 JB 1H 471K-T	T	69.2/6.6
C11	4030007130	S.CER	C1608 CH 1H 101J-T	T	67.4/12.6
C14	4030007010	S.CER	C1608 CH 1H 100D-T	T	61.4/8.8
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.2/7.2
C17	4030007130	S.CER	C1608 CH 1H 101J-T	T	66.2/5.9
C18	4030008560	S.CER	C1608 CH 1H 300J-T	T	54/22.6
C21	4030006850	S.CER	C1608 JB 1H 471K-T	T	55.4/26.8
C24	4030007130	S.CER	C1608 CH 1H 101J-T	T	63/28.2
C25	4030006990	S.CER	C1608 CH 1H 080D-T	T	60.6/22.6
C26	4030007130	S.CER	C1608 CH 1H 101J-T	T	61.9/22.6
C27	4030009530	S.CER	C1608 CH 1H 030B-T	T	73.4/53.2
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	74.2/55.6
C34	4030006860	S.CER	C1608 JB 1H 102K-T	T	84.2/71.2
C36	4030006860	S.CER	C1608 JB 1H 102K-T	T	77.8/71.2
C37	4030006860	S.CER	C1608 JB 1H 102K-T	T	69.4/72.8
C38	4030006860	S.CER	C1608 JB 1H 102K-T	T	80.6/75.4
C39	4030006860	S.CER	C1608 JB 1H 102K-T	T	69.4/74.2
C40	4030007130	S.CER	C1608 CH 1H 101J-T	T	65.2/79.8
C41	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.6/79.8
C42	4030007130	S.CER	C1608 CH 1H 101J-T	T	68/67.7
C43	4030006860	S.CER	C1608 JB 1H 102K-T	T	68/66.4
C44	4030006860	S.CER	C1608 JB 1H 102K-T	T	53/73.6
C45	4030006860	S.CER	C1608 JB 1H 102K-T	T	46/75.8
C46	4030006860	S.CER	C1608 JB 1H 102K-T	T	37.6/77.4
C47	4030006860	S.CER	C1608 JB 1H 102K-T	T	48.8/80
C48	4030007130	S.CER	C1608 CH 1H 101J-T	T	37.6/78.8
C49	4030007130	S.CER	C1608 CH 1H 101J-T	T	54.4/79.2
C50	4030006860	S.CER	C1608 JB 1H 102K-T	T	55.8/79.2
C51	4030007130	S.CER	C1608 CH 1H 101J-T	T	36.2/72.3
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	36.2/71
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	33.8/71.8
C54	4030008920	S.CER	C1608 JB 1H 473K-T	T	11.2/49.4
C55	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.2/45.6
C56	4030008920	S.CER	C1608 JB 1H 473K-T	T	10.4/47.5
C57	4030008920	S.CER	C1608 JB 1H 473K-T	T	40.2/3.8
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	41.6/3.8
C60	4550006270	S.TAN	TEESVP 1A 105M8R	T	25.8/49.2
C61	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.6/50.1
C62	4030011600	S.CER	C1608 JB 1E 104K-T	T	14.2/52.9
C63	4030006850	S.CER	C1608 JB 1H 471K-T	T	12.9/54.8
C64	4550006270	S.TAN	TEESVP 1A 105M8R	T	8.8/51.1
C66	4030006900	S.CER	C1608 JB 1H 103K-T	T	14/29.4
C67	4550000530	S.TAN	TEESVA 1V 104M8R	T	18/28.4
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	36.4/22.6
C70	4030007090	S.CER	C1608 CH 1H 470J-T	T	37.8/22.6
C71	4510009140	S.ELE	EEE1AA330SR	T	38.6/28.2
C74	4030006850	S.CER	C1608 JB 1H 471K-T	T	17.2/36
C75	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.9/41
C76	4030009530	S.CER	C1608 CH 1H 030B-T	T	25.8/43.6
C77	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	26.6/45.6
C78	4030009530	S.CER	C1608 CH 1H 030B-T	T	25.8/47.7
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	20.7/50.5
C80	4030006850	S.CER	C1608 JB 1H 471K-T	T	26.2/56.9
C81	4030006850	S.CER	C1608 JB 1H 471K-T	T	16.4/56.1
C82	4030006850	S.CER	C1608 JB 1H 471K-T	T	9.2/54.8
C83	4030007090	S.CER	C1608 CH 1H 470J-T	T	9.2/53.5
C84	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.2/55.3
C85	4030007090	S.CER	C1608 CH 1H 470J-T	T	14.1/60.7
C86	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.1/58
C87	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.1/63.4
C93	4030006850	S.CER	C1608 JB 1H 471K-T	T	12.2/62.5
C94	4030007090	S.CER	C1608 CH 1H 470J-T	T	12.2/61.2
C100	4030006850	S.CER	C1608 JB 1H 471K-T	T	37.4/61.2
C101	4030006850	S.CER	C1608 JB 1H 471K-T	T	26.8/61
C102	4030007090	S.CER	C1608 CH 1H 470J-T	T	31.2/57.6
C103	4030006850	S.CER	C1608 JB 1H 471K-T	T	46.2/54.6
C104	4030006850	S.CER	C1608 JB 1H 471K-T	T	45.6/60.4

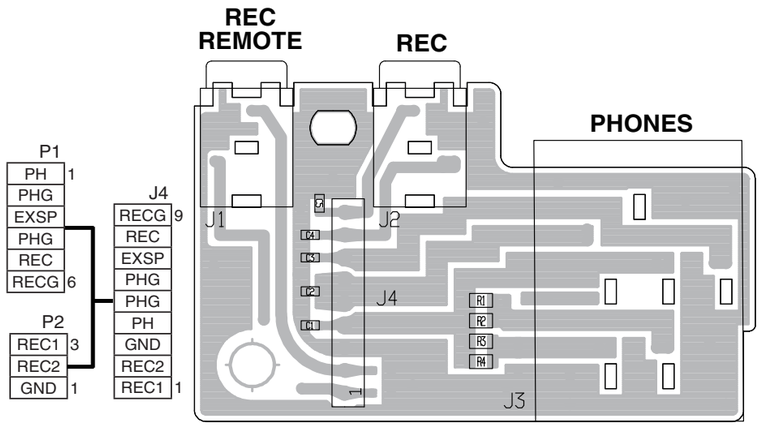
[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C105	4030007090	S.CER	C1608 CH 1H 470J-T	T	44.2/60.4
C107	4030006860	S.CER	C1608 JB 1H 102K-T	T	8.1/68.2
C108	4030006860	S.CER	C1608 JB 1H 102K-T	T	17/71.4
C109	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.4/83.2
C111	4030011600	S.CER	C1608 JB 1E 104K-T	T	19.8/3.1
C112	4030011600	S.CER	C1608 JB 1E 104K-T	T	7.4/16.4
C113	4030007090	S.CER	C1608 CH 1H 470J-T	T	23.1/37.2
C114	4030006860	S.CER	C1608 JB 1H 102K-T	T	23.1/35.9
C115	4030006990	S.CER	C1608 CH 1H 080D-T	T	44.6/49.4
C117	4030006970	S.CER	C1608 CH 1H 060D-T	T	44/47.2
C119	4030009530	S.CER	C1608 CH 1H 030B-T	T	44/44
C120	4030007090	S.CER	C1608 CH 1H 470J-T	T	51/46
C121	4030006850	S.CER	C1608 JB 1H 471K-T	T	51/47.4
C122	4030006950	S.CER	C1608 CH 1H 040C-T	T	40.8/49.4
C124	4030009530	S.CER	C1608 CH 1H 030B-T	T	41.6/47.2
C125	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	40/44.2
C126	4030009520	S.CER	C1608 CH 1H 020B-T	T	41.6/44.2
C127	4030007090	S.CER	C1608 CH 1H 470J-T	T	34.4/40.4
C128	4030006850	S.CER	C1608 JB 1H 471K-T	T	35.7/40.4
C129	4030006850	S.CER	C1608 JB 1H 471K-T	T	50.4/39.6
C130	4030009530	S.CER	C1608 CH 1H 030B-T	T	72.2/11.8
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.4/67.2
C132	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.6/71.8
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	17.5/23.8
C136	4030006850	S.CER	C1608 JB 1H 471K-T	T	82.8/19.6
C137	4030006960	S.CER	C1608 CH 1H 050C-T	T	58.2/8.8
C138	4030007010	S.CER	C1608 CH 1H 100D-T	T	56.2/6.8
C139	4030009520	S.CER	C1608 CH 1H 020B-T	T	55.4/8.8
C140	4030007010	S.CER	C1608 CH 1H 100D-T	T	53.2/9.6
C141	4030006950	S.CER	C1608 CH 1H 040C-T	T	54.6/6.8
C142	4030006960	S.CER	C1608 CH 1H 050C-T	T	46.2/52.6
C143	4030009520	S.CER	C1608 CH 1H 020B-T	T	48.2/50.4
C144	4030006850	S.CER	C1608 JB 1H 471K-T	T	44.8/62.6
C145	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.8/37.8
C146	4030006880	S.CER	C1608 JB 1H 472K-T	T	14/32.1
C147	4030011600	S.CER	C1608 JB 1E 104K-T	T	13.5/25.8
C148	4550000460	S.TAN	TEESVA 1C 105M8R	T	18/26.2
C149	4030007010	S.CER	C1608 CH 1H 100D-T	T	53.8/26.8
C150	4030006850	S.CER	C1608 JB 1H 471K-T	T	73.8/30.2
C152	4030006850	S.CER	C1608 JB 1H 471K-T	T	55.8/10.6
C154	4030006850	S.CER	C1608 JB 1H 471K-T	T	66.2/4.6
C155	4530000400	S.ARY	EZANCE 220M 22P	T	11.6/71.5
C156	4530000400	S.ARY	EZANCE 220M 22P	T	11.6/80
C163	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.4/41.3
C164	4030007140	S.CER	C1608 CH 1H 121J-T	T	9/37
C165	4030007140	S.CER	C1608 CH 1H 121J-T	T	9.2/43
C166	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.7/41.2
C167	4030007050	S.CER	C1608 CH 1H 220J-T	T	14.1/39
C168	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	40/47.2
C169	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	45.4/47.2
C170	4030009520	S.CER	C1608 CH 1H 020B-T	T	69/28.2
C171	4030006860	S.CER	C1608 JB 1H 102K-T	T	63.2/22.6
C172	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.9/60.4
C173	4030007010	S.CER	C1608 CH 1H 100D-T	T	19.2/56.6
C174	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.9/42.7
C175	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.3/50.7
C176	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.3/52
C177	4030011600	S.CER	C1608 JB 1E 104K-T	T	15.5/52.9
RL1	6330000810	RLY	ARK115		
RL2	6330000810	RLY	ARK115		
CP1	6910009670	S.CHK	HK3-S-T	T	13.7/23.3
CP2	6910009670	S.CHK	HK3-S-T	T	44.4/2
J1	6510019141	S.CNR	52610-1071 (1090)	T	4/74.6
J2	6510007020	CNR	TMP-J01X-V6		
WS1	8970022420	CBL	RX1768 COAXIAL TUBE (1)/CON		

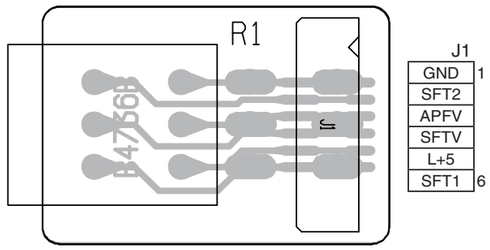
M.=Mounted side (T: Mounted on the Top side, B: Mounted on the Bottom side)
S.=Surface mount

BOARD LAYOUTS

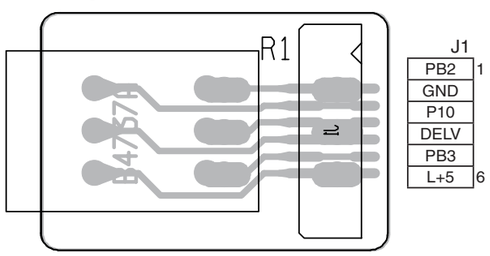
• JACK UNIT



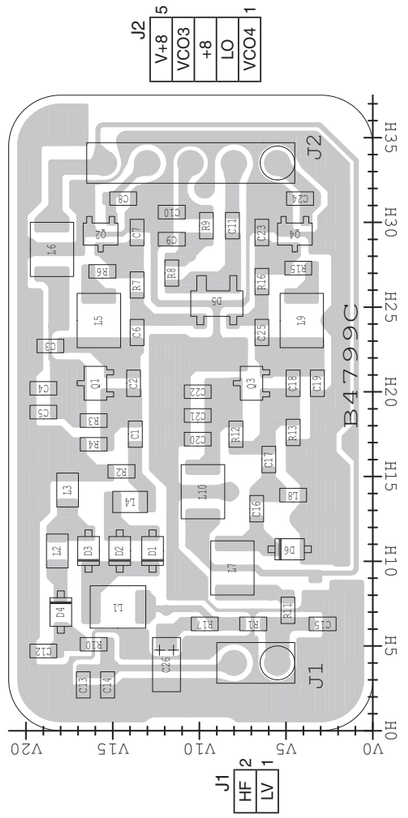
• VR-A UNIT



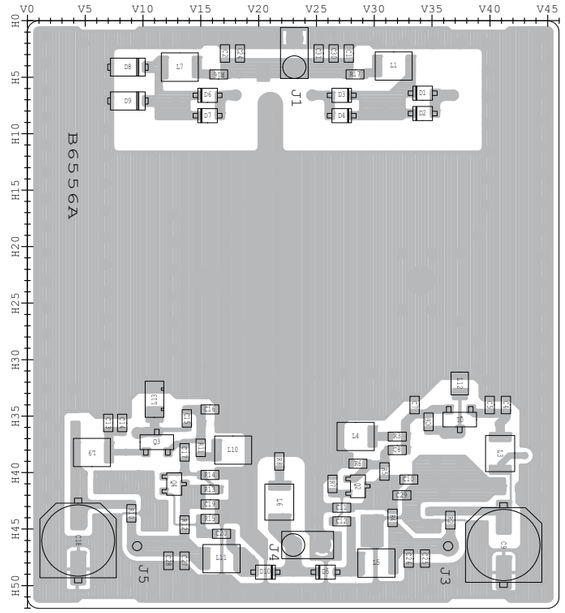
• VR-B UNIT



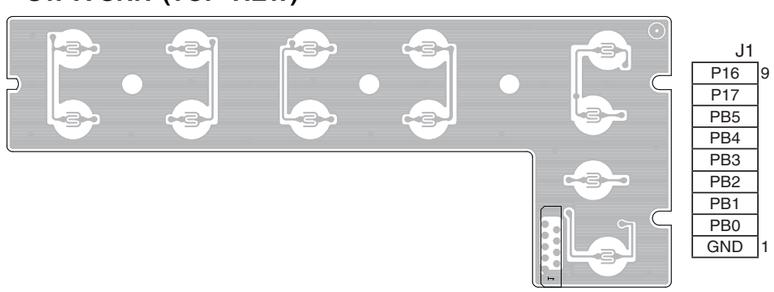
• VCO-B UNIT (TOP VIEW)



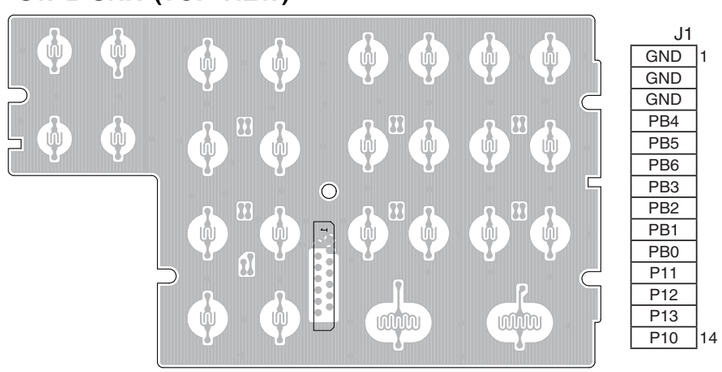
• VCO-C UNIT (TOP VIEW)



• SW-A UNIT (TOP VIEW)

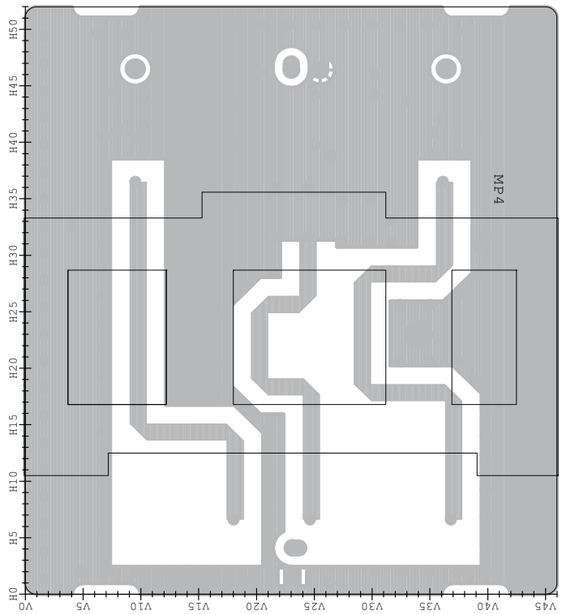


• SW-B UNIT (TOP VIEW)

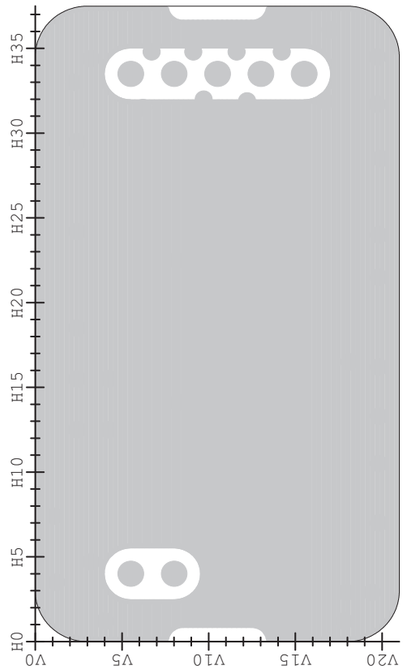


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

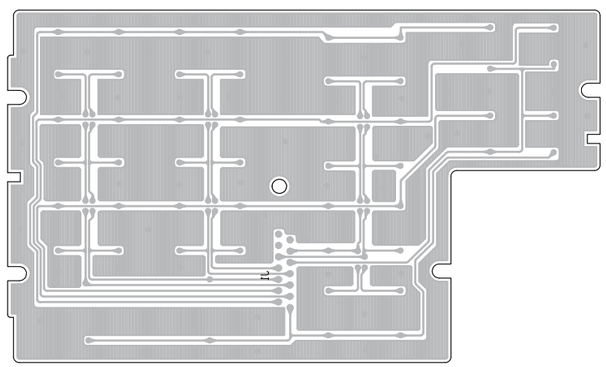
• **VCO-C UNIT (BOTTOM VIEW)**



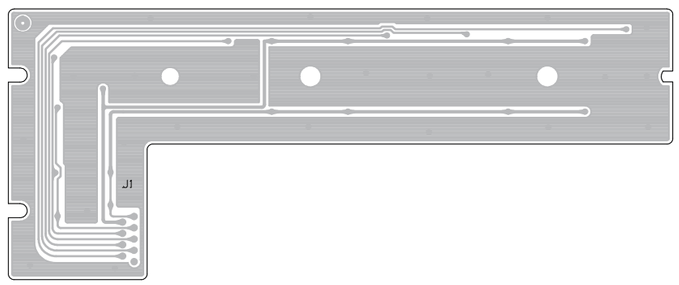
• **VCO-B UNIT (BOTTOM VIEW)**



• **SW-B UNIT (BOTTOM VIEW)**

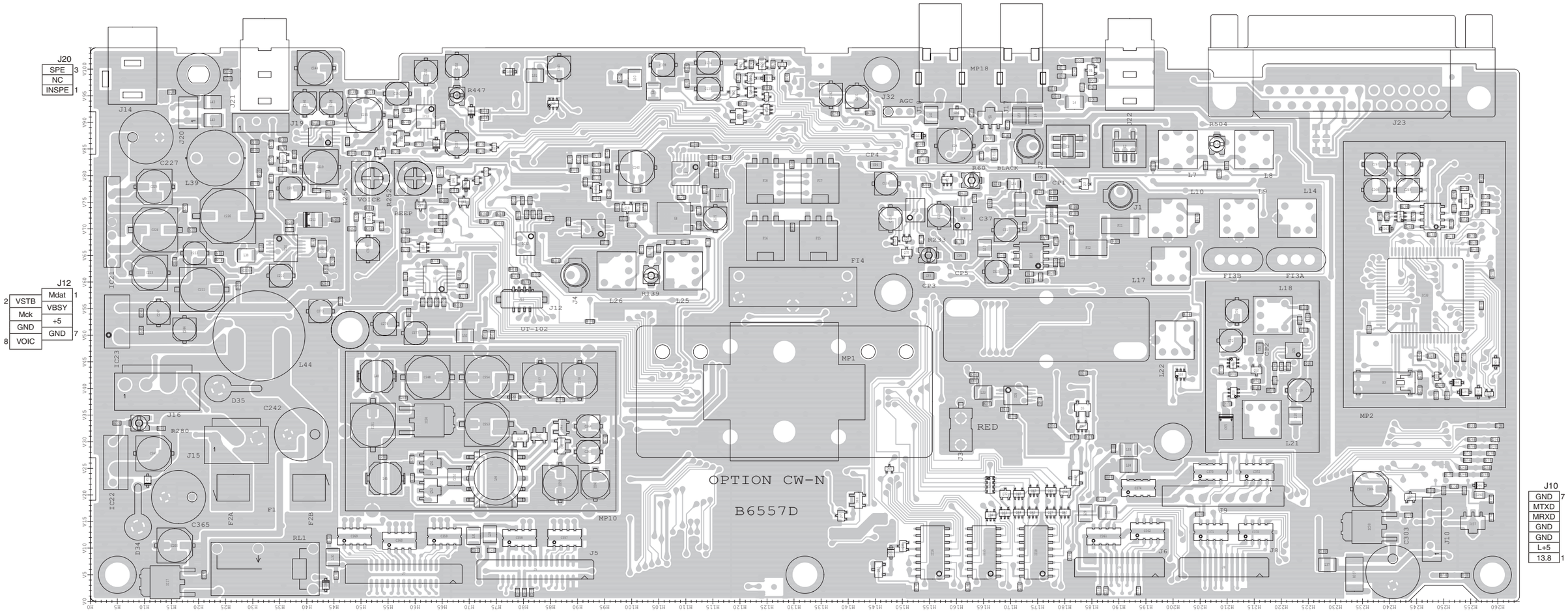


• **SW-A UNIT (BOTTOM VIEW)**



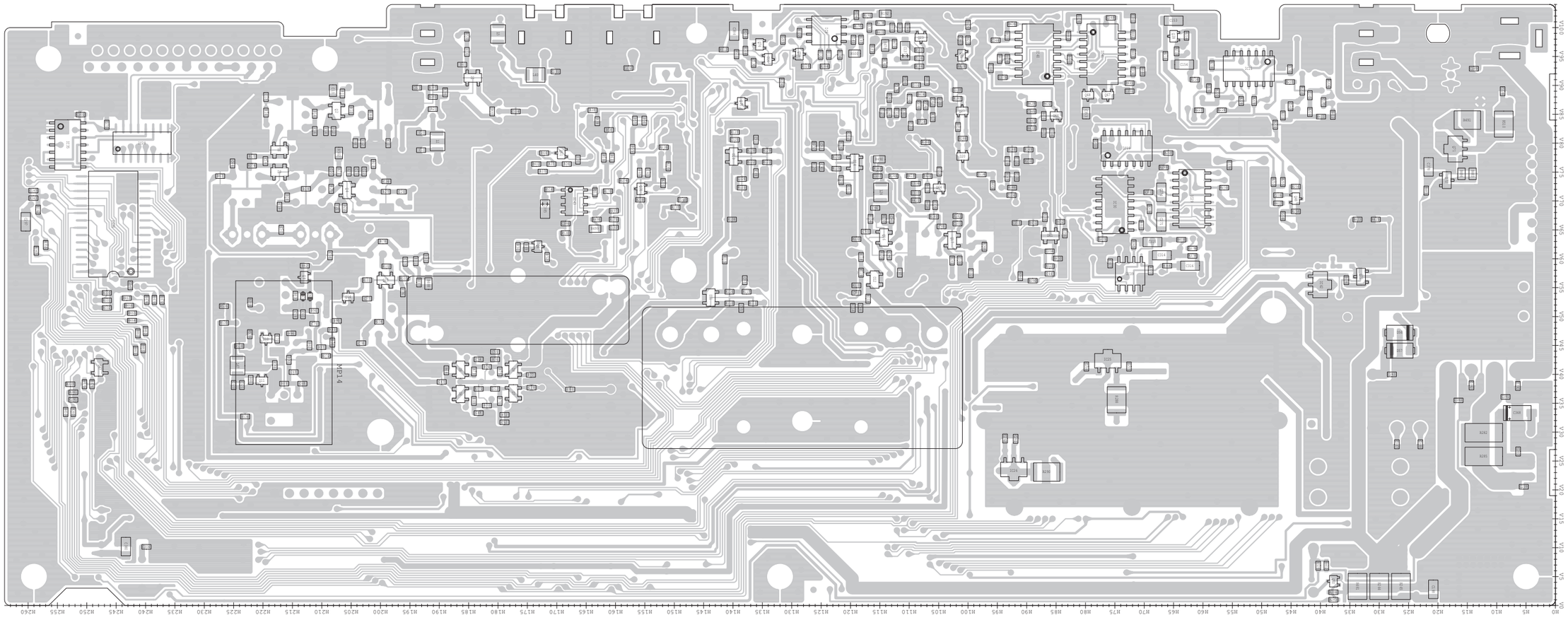
The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• MAIN-A UNIT (TOP VIEW)

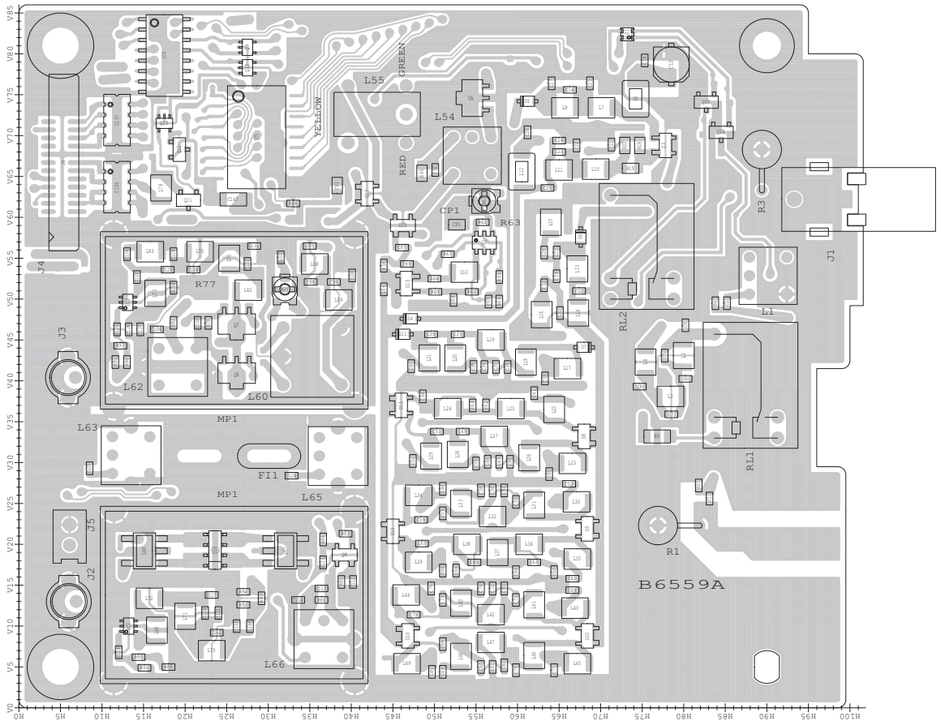


The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

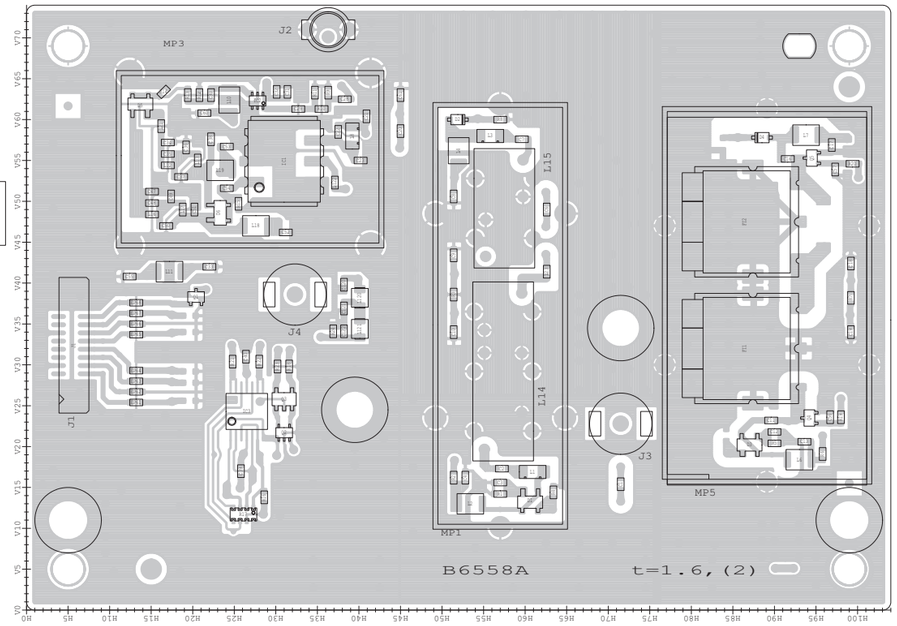
• MAIN-A UNIT (BOTTOM VIEW)



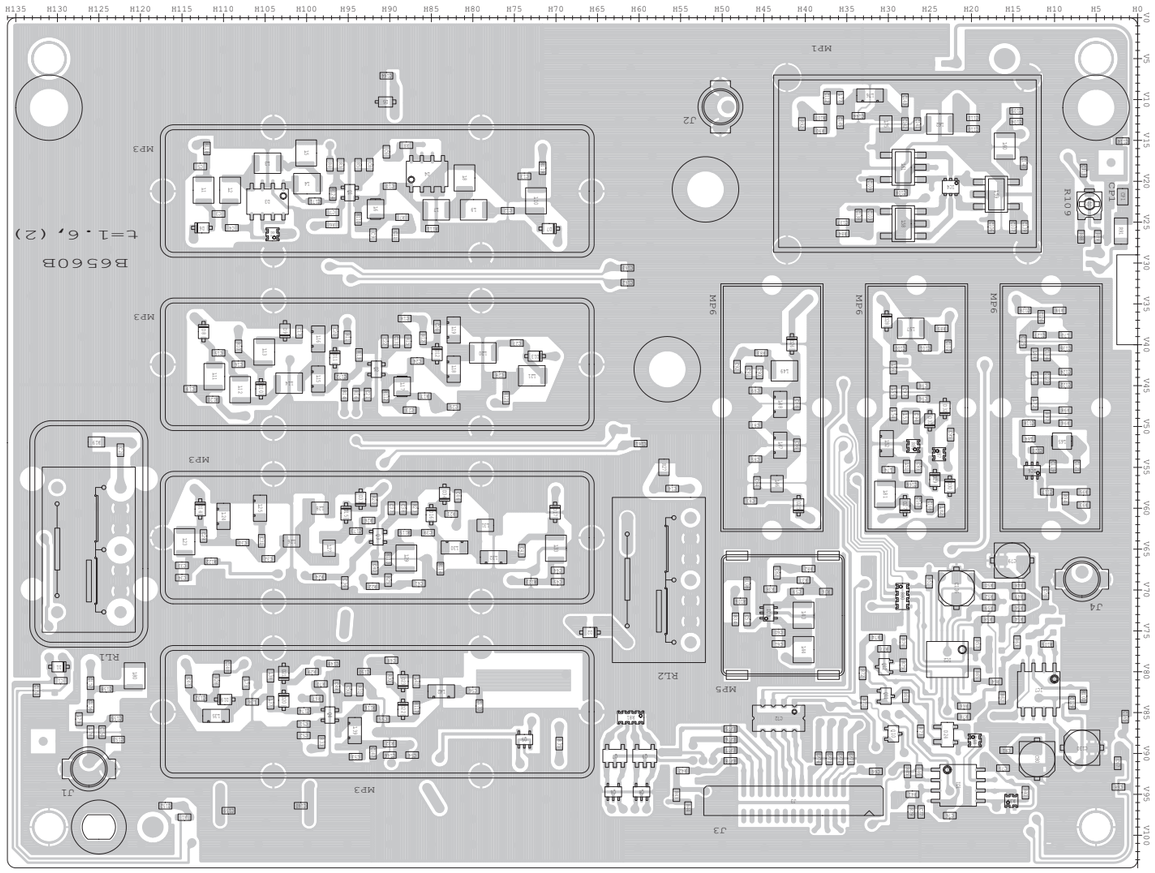
• RF-C UNIT (TOP VIEW)



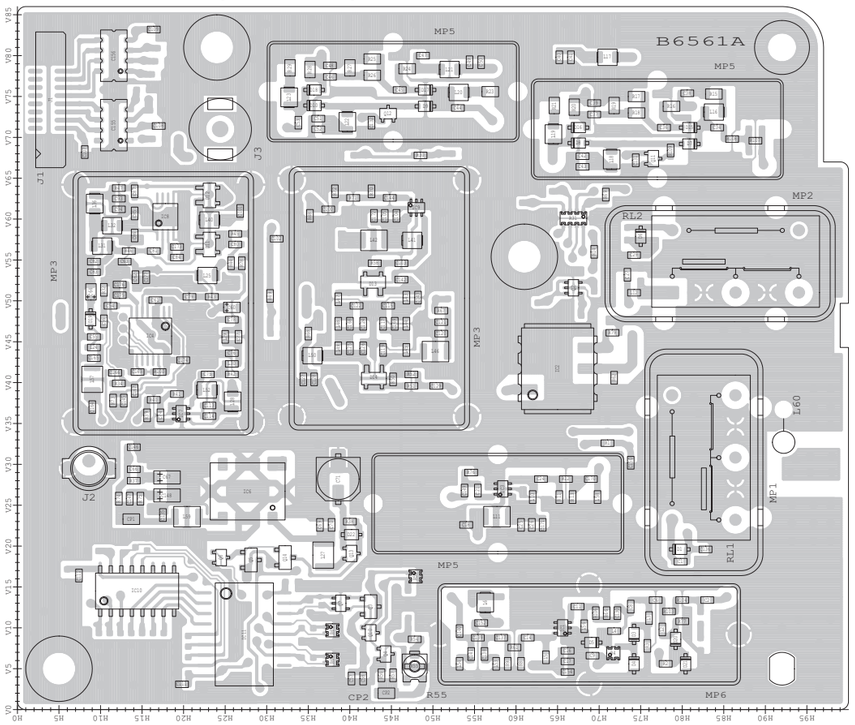
• MIX-A UNIT (TOP VIEW)



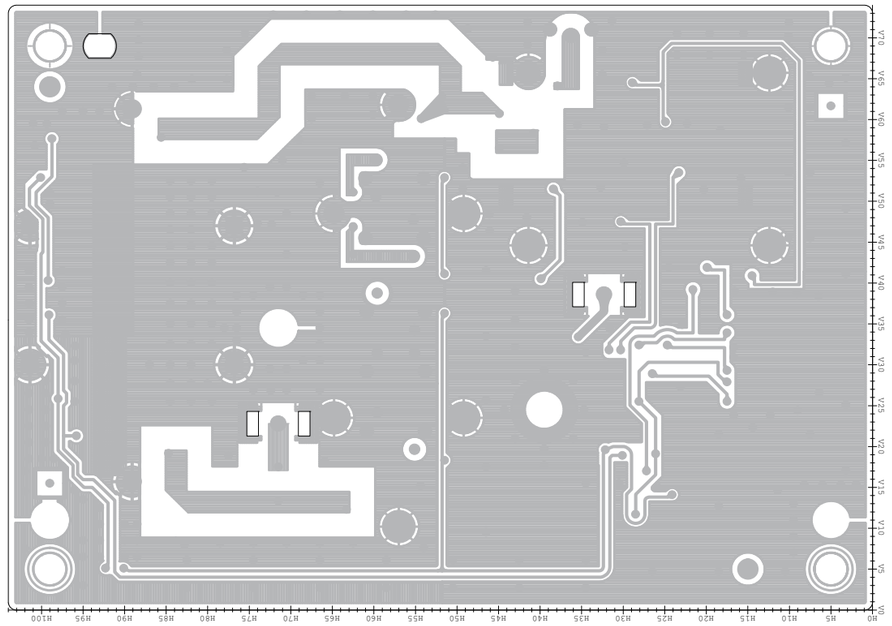
• RF-D UNIT (TOP VIEW)



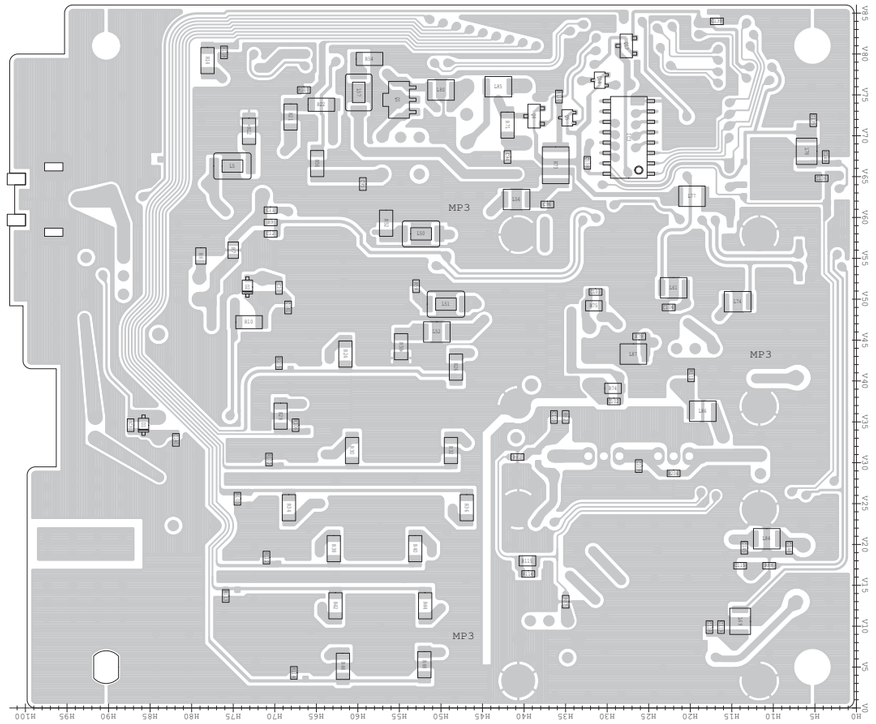
• CONV-B UNIT (TOP VIEW)



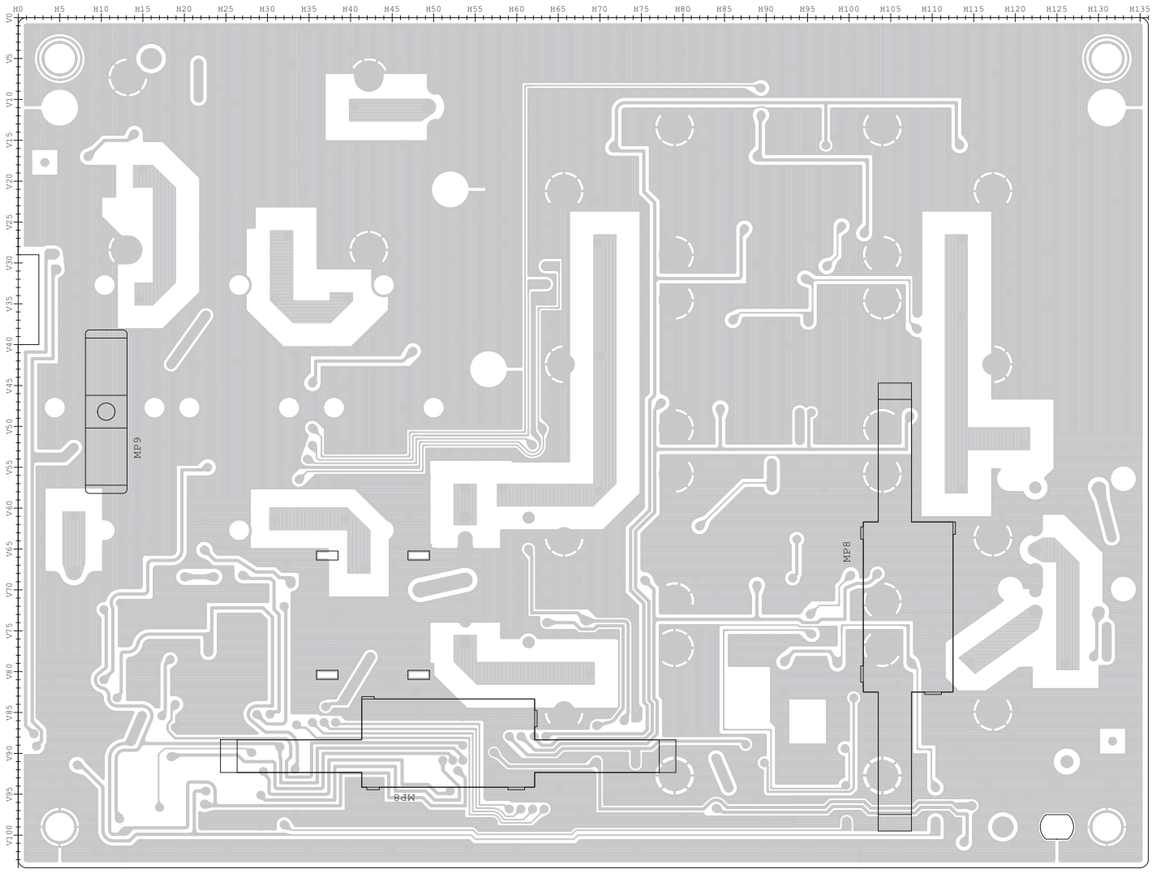
• MIX-A UNIT (BOTTOM VIEW)



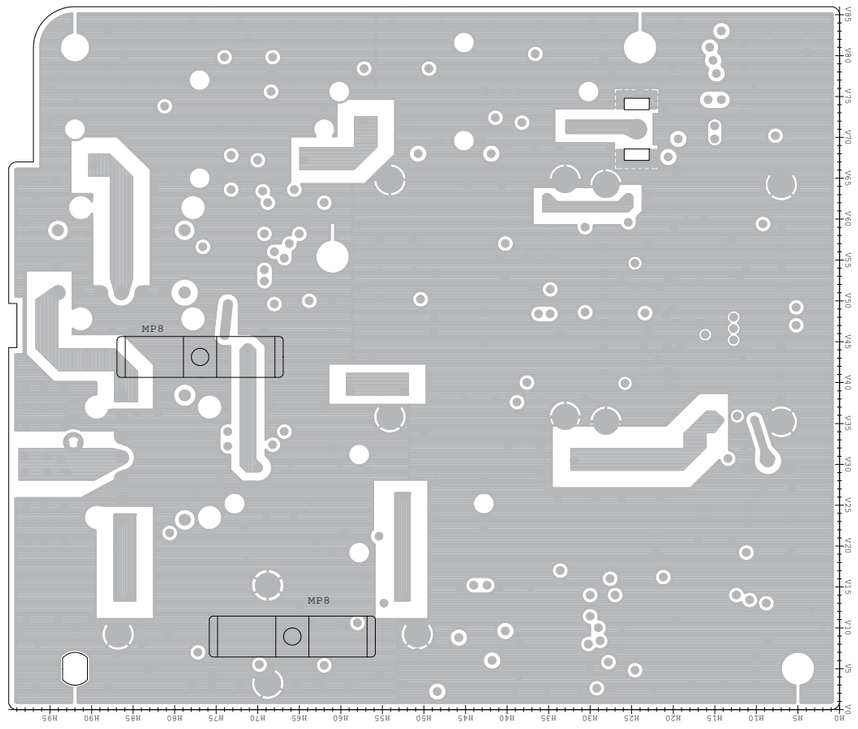
• RF-C UNIT (BOTTOM VIEW)



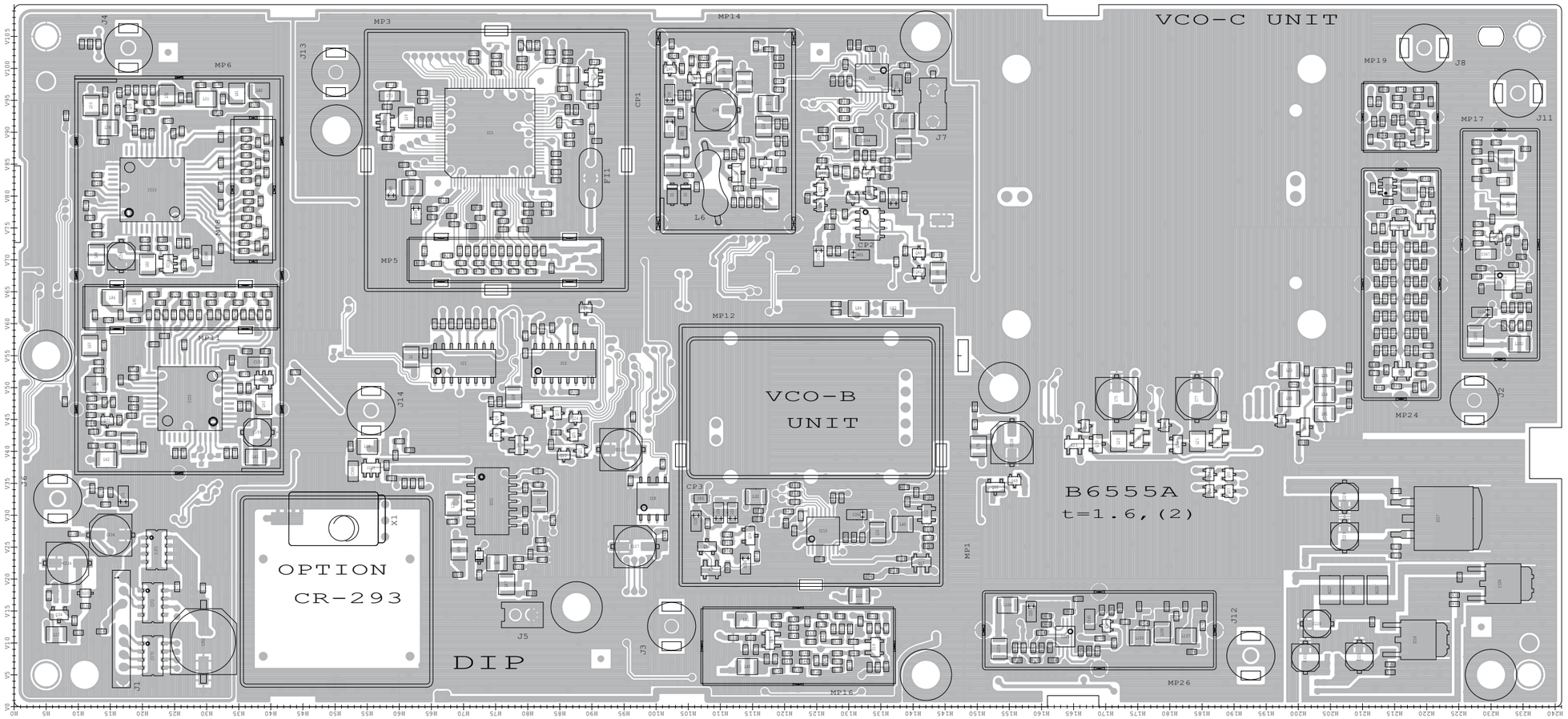
• RF-D UNIT
(BOTTOM VIEW)



• CONV-B UNIT (BOTTOM VIEW)

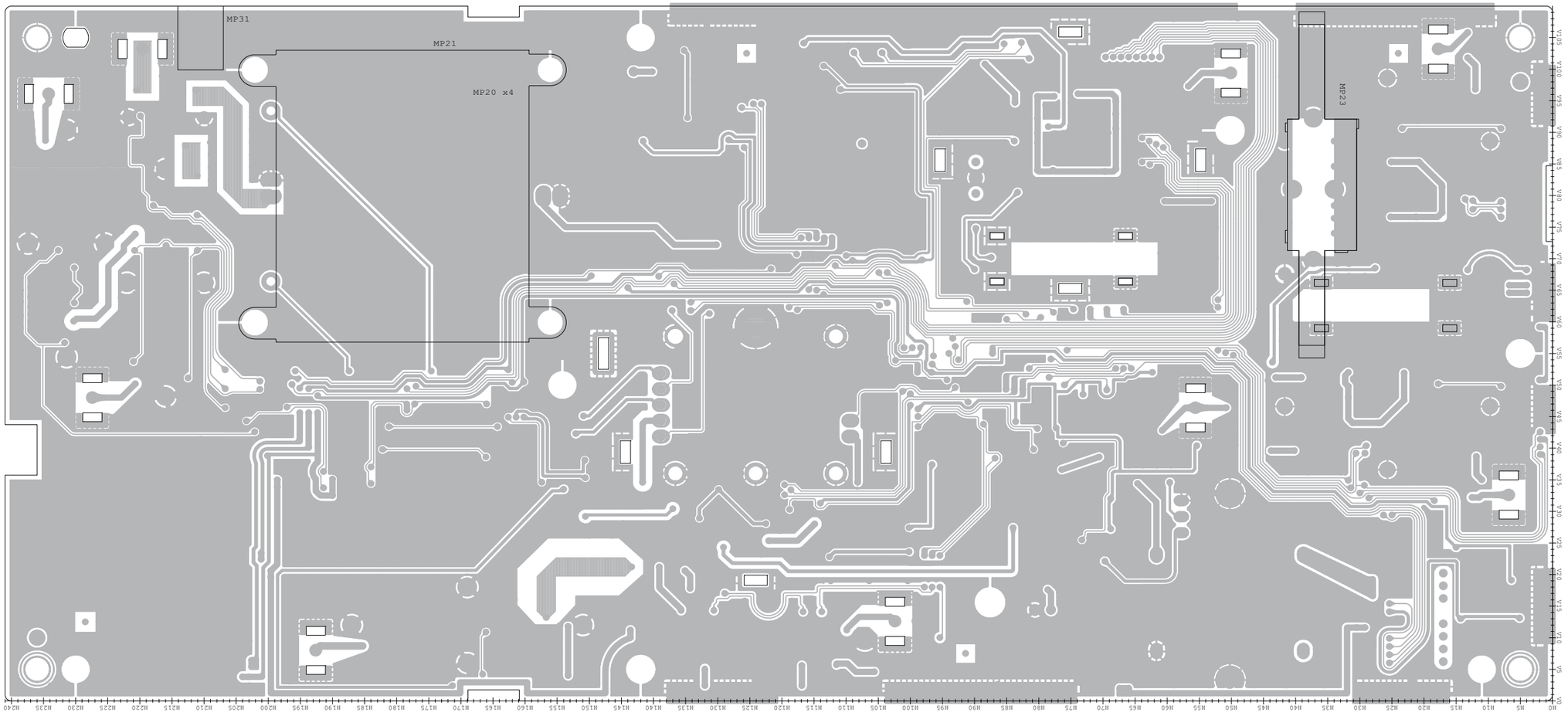


• PLL-B UNIT (TOP VIEW)



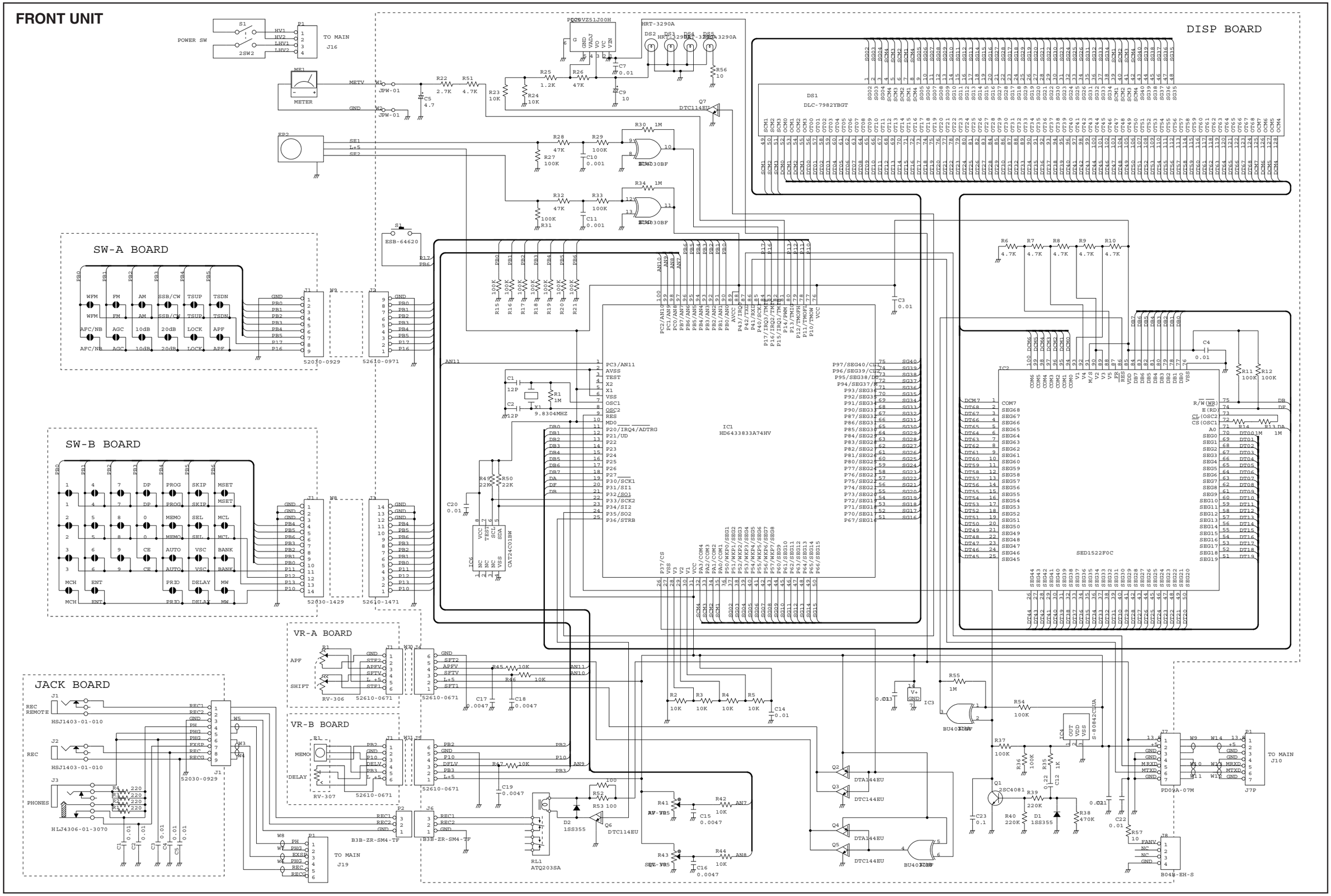
The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• PLL-B UNIT (BOTTOM VIEW)

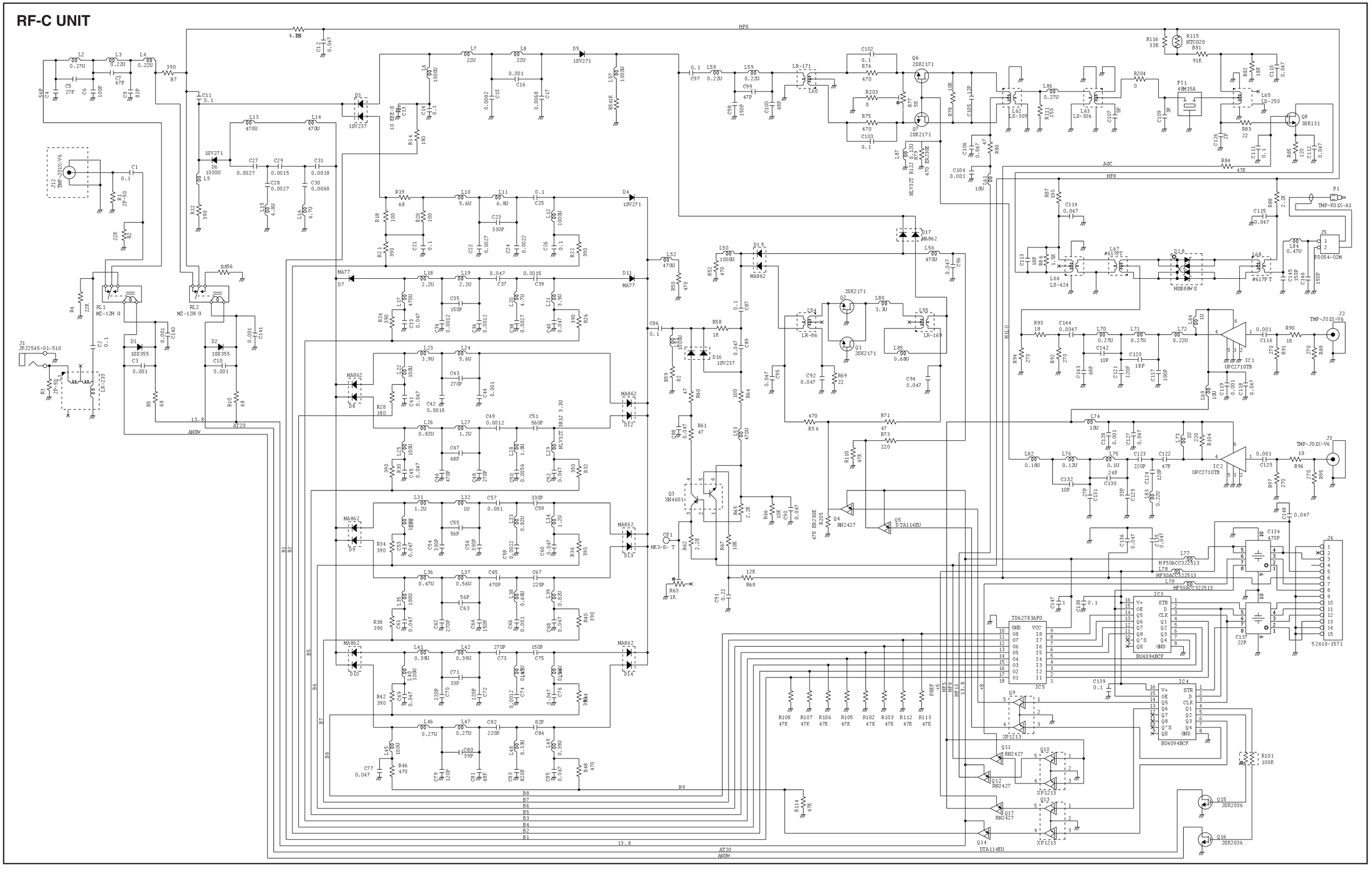


VOLTAGE DIAGRAM

FRONT UNIT



RF-C UNIT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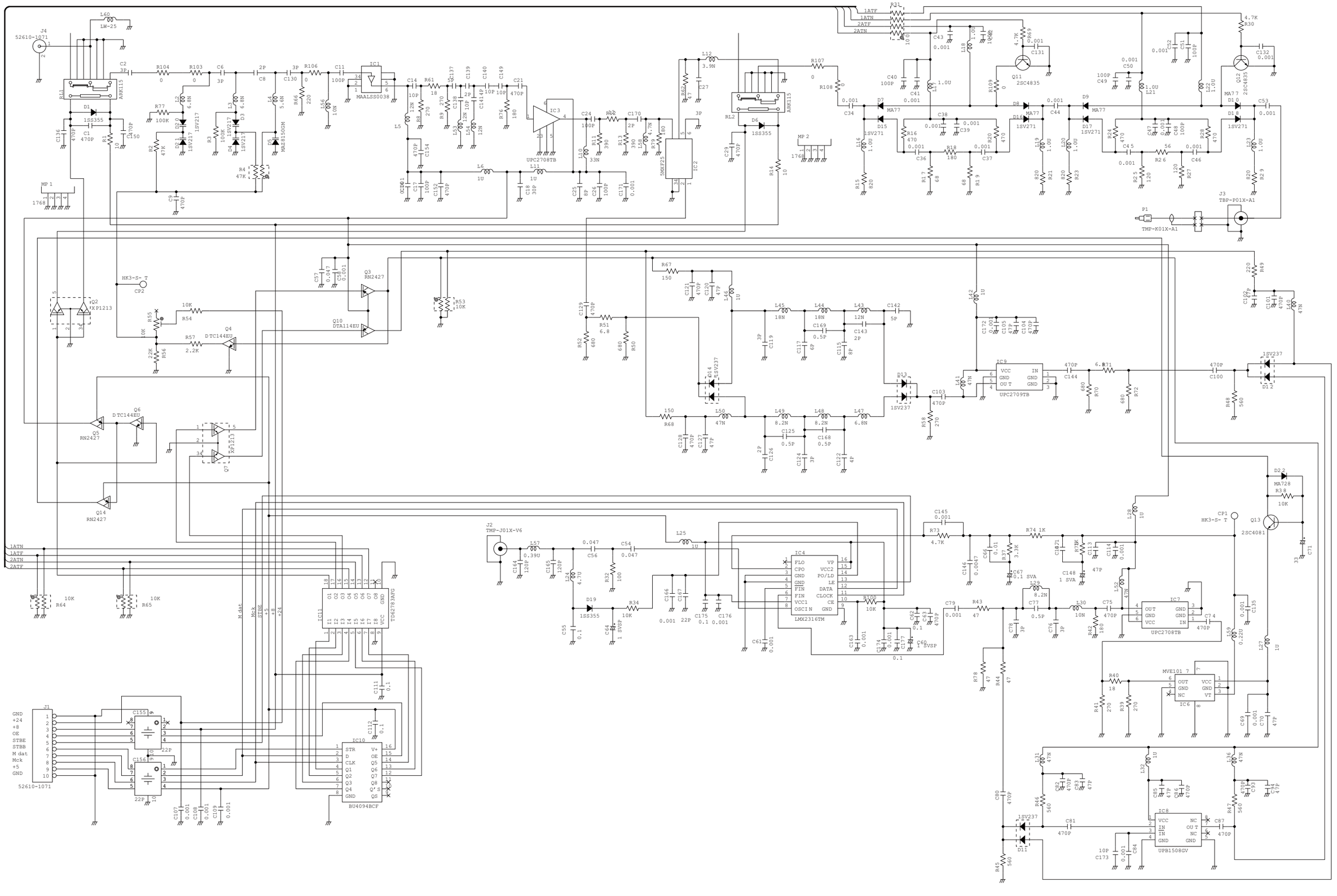
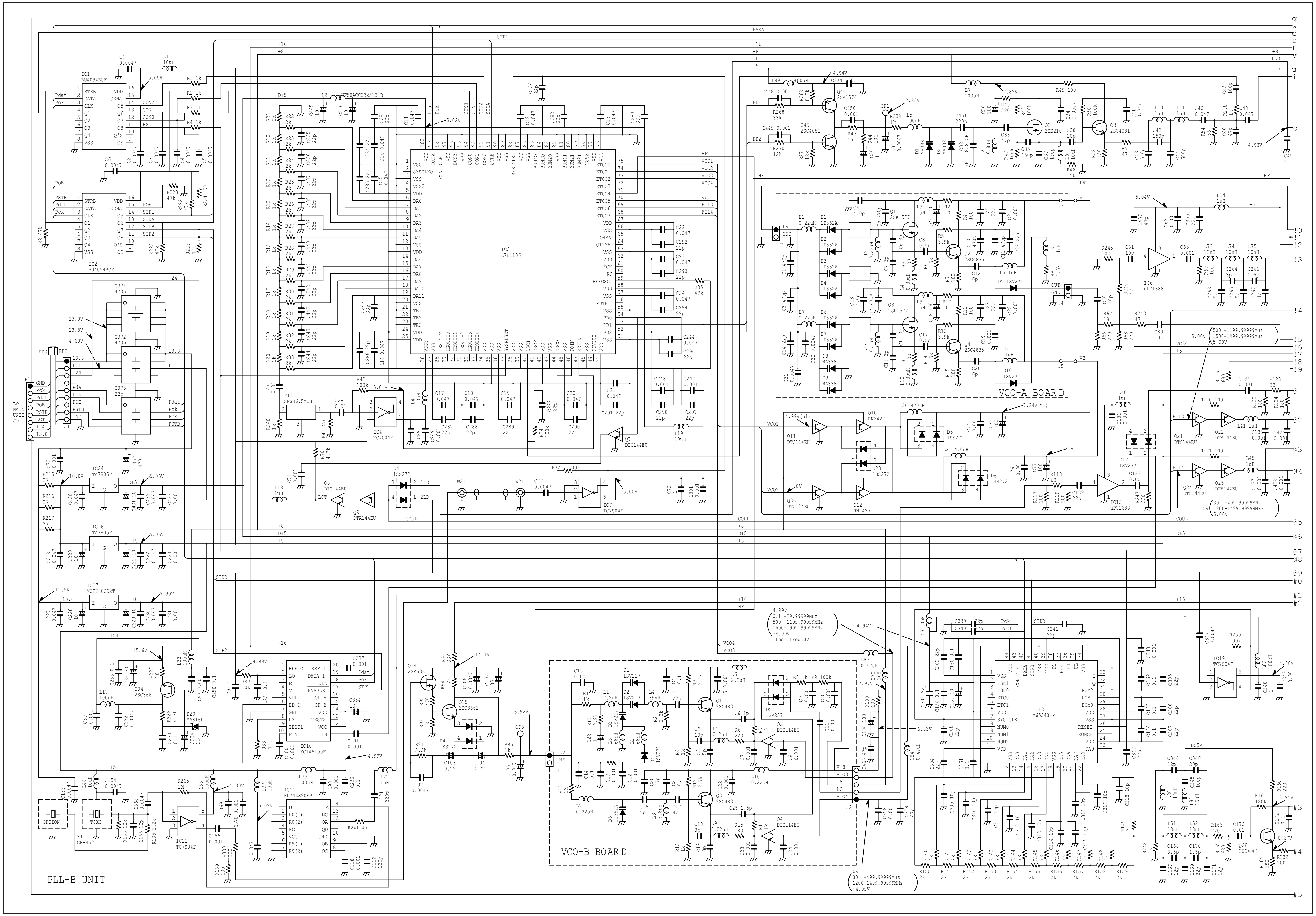
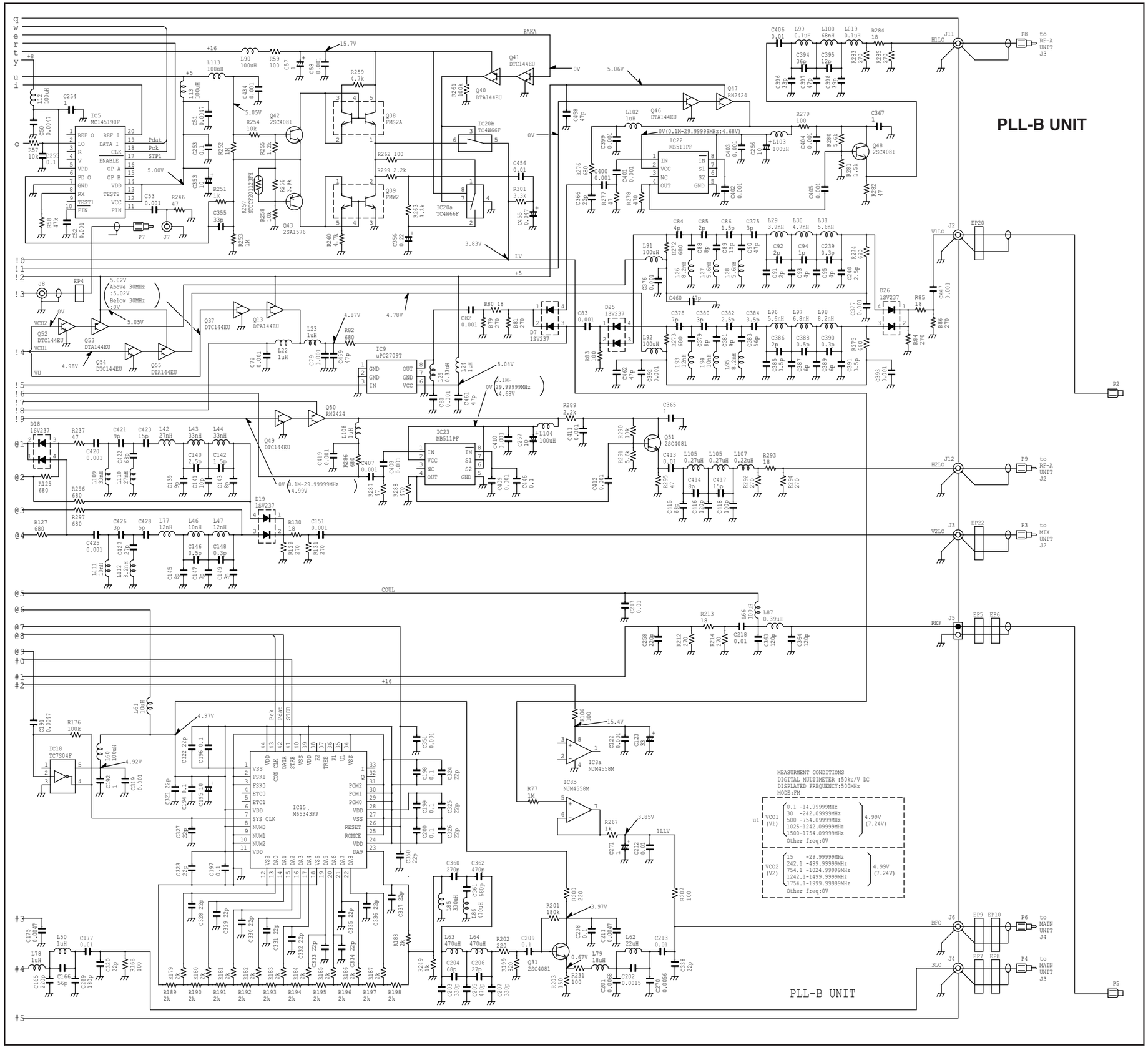
AGC
HI10
13.8
ANSW
AT20
B1
B2
B5
B6
B7
B8
B9
TD62783APF
BU4094BCF
UPC2710TB
HF50AC322513
TMP-J01X-V6
TMP-K01X-A1
HSB88W S
#617PT
#617P T
LS-424
LS-309
LS-306
LS-250
LR-171
LR-86
LR-169
LR-233
RL1 MZ-12H G
RL2 MZ-12H G
FI1 48M15A
NTC020 R81 91K
JPJ2545-01-510
52610-1571
1SV271
1SV237
1SS355
MA862
MA77
DTA114EU
RN2427
XP1213
2SK2171
2SK131
2SK2036
XN4601
HK3-S- T

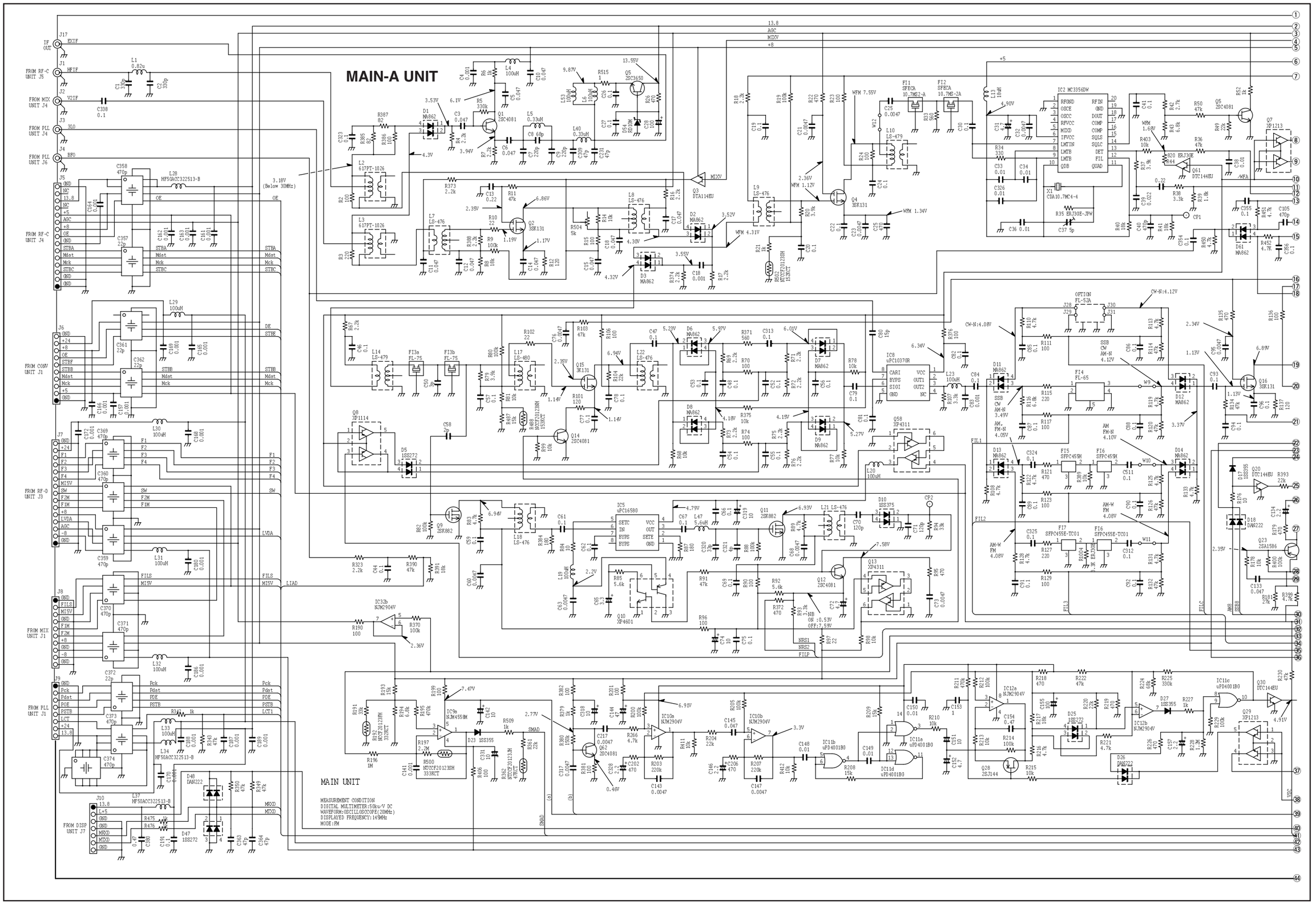
CONV-B UNIT



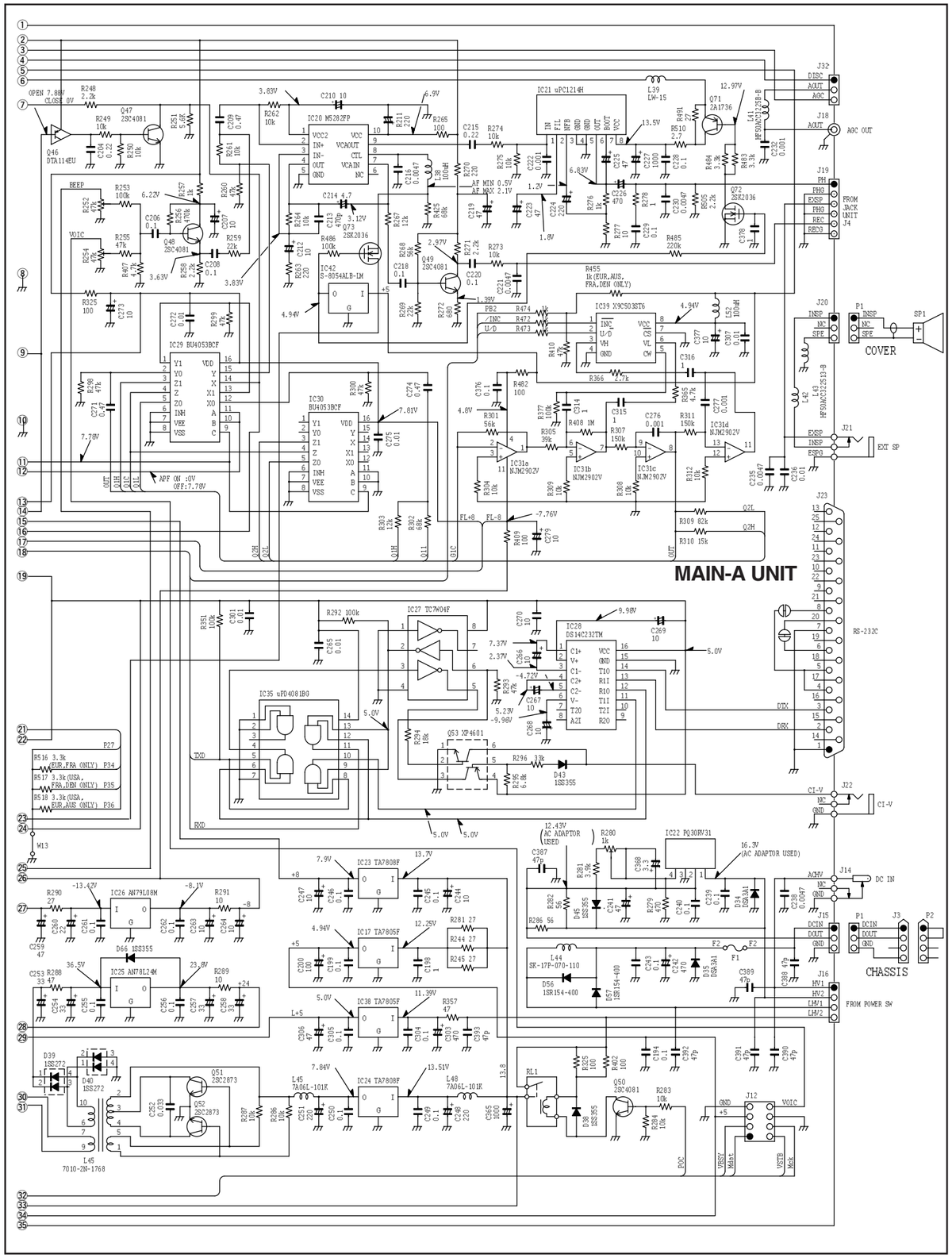
J4
52610-1071
L60
LW-25
ARK115
IC1
MAALSS0038
IC3
UPC2708TB
IC2
5MXF25
RL2
ARK115
MP 1
1768
MP 2
1768
J3
TBP-P01X-A1
P1
TMP-K01X-A1
Q2
XP1213
HK3-S- T
CP2
Q3
RN2427
Q10
DTA114EU
Q4
DTC144EU
Q5
RN2427
Q6
DTC144EU
Q7
XP1213
Q14
RN2427
IC9
UPC2709TB
IC4
LMX2316TM
J2
TMP-J01X-V6
IC7
UPC2708TB
IC6
MVE101
IC8
UPB1508GV
CP1
HK3-S- T
Q13
2SC4081
IC11
TD62783AFG
IC10
BU4094BCF
J1
52610-1071

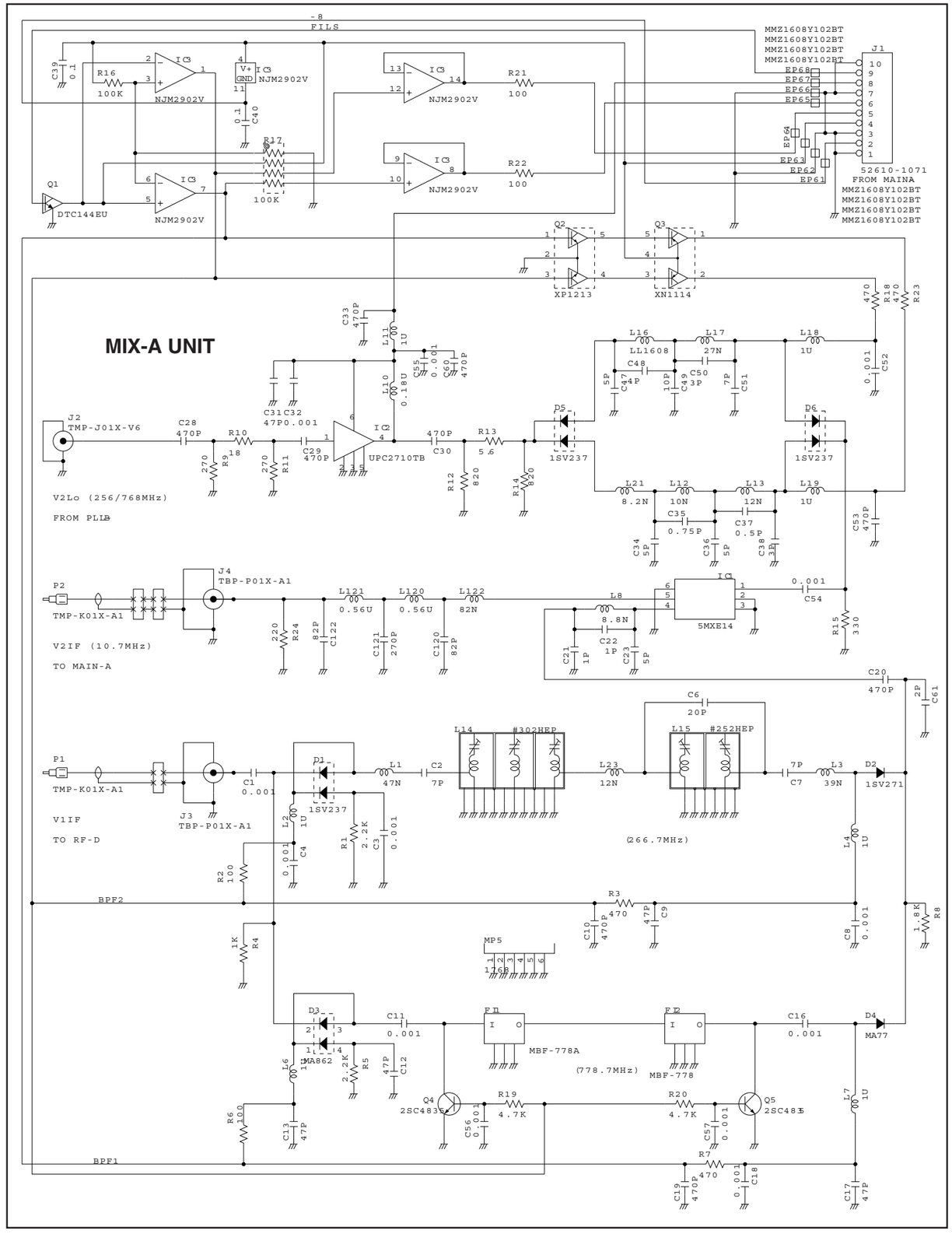

PLL-B UNIT
VCO-A BOARD
VCO-B BOARD
to MAIN UNIT J9
IC1 BU4094BCF
IC2 BU4094BCF
IC3 L7B1106
IC4 TC7S04F
IC7 TC7S04F
IC6 uPC1688
IC12 uPC1688
IC10 MC145190F
IC11 HD74LS90FP
IC13 M65343FP
IC16 TA7805F
IC17 MCT780CD2T
IC19 TC7S04F
IC21 TC7S04F
IC24 TA7805F
FI1 SFSH6.5MCB
X1 CR-452
OPTION
TCXO
Q44 2SA1576
Q45 2SC4081
Q2 2SK210
Q3 2SC4081
Q1 2SK1577
Q3 2SK1577
Q2 2SC4835
Q4 2SC4835
Q7 DTC144EU
Q8 DTC144EU
Q9 DTA144EU
Q10 RN2427
Q11 DTC114EU
Q12 RN2427
Q36 DTC114EU
Q14 2SK536
Q15 2SC3661
Q34 2SC3661
Q21 DTC144EU
Q22 DTA144EU
Q24 DTC144EU
Q25 DTA144EU
Q28 2SC4081
4.99V
0.1 -29.99999MHz
500 -1199.99999MHz
1500-1999.99999MHz
:4.99V
Other freq:0V
0V
30 -499.99999MHz
1200-1499.99999MHz
:4.99V
5.00V
500 -1199.99999MHz
1500-1999.99999MHz
5.00V
0V
30 -499.99999MHz
1200-1499.99999MHz
5.00V


PLL-B UNIT
MEASUREMENT CONDITIONS
DIGITAL MULTIMETER :50ku/V DC
DISPLAYED FREQUENCY:500MHz
MODE:FM
VCO1 (V1)
0.1 -14.99999MHz
30 -242.09999MHz
500 -754.09999MHz
1025-1242.09999MHz
1500-1754.09999MHz
Other freq:0V
4.99V (7.24V)
VCO2 (V2)
15 -29.99999MHz
242.1 -499.99999MHz
754.1 -1024.99999MHz
1242.1-1499.9999MHz
1754.1-1999.99999MHz
Other freq:0V
4.99V (7.24V)
PLL-B UNIT


MAIN-A UNIT
MAIN UNIT
MEASUREMENT CONDITION
DIGITAL MULTIMETER:50kΩ/V DC
WAVEFORM:OSCILLOSCOPE(20MHz)
DISPLAYED FREQUENCY:14MHz
MODE:FM
FROM RF-C UNIT J5
FROM MIX UNIT J4
FROM PLL UNIT J4
FROM PLL UNIT J6
FROM RF-C UNIT J4
FROM CONV UNIT J1
FROM RF-D UNIT J3
FROM MIX UNIT J1
FROM PLL UNIT J1
FROM DISP UNIT J7
IF OUT
13.8
AGC
MIXV
+8
+5
IC1 NJM4558M
IC2 MC3356DW
IC3 NJM2904V
IC4 NJM2904V
IC5 uPC1658G
IC8 uPC1037GR
IC9a NJM4558M
IC10a NJM2904V
IC10b NJM2904V
IC11a uPD4001BG
IC11b uPD4001BG
IC11c uPD4001BG
IC11d uPD4001BG
IC12a NJM2904V
IC12b NJM2904V
IC32b NJM2904V
Q1 2SC4081
Q2 3SK131
Q3 DTA114EU
Q4 3SK131
Q5 2SC3650
Q5 2SC4081
Q7 XP1213
Q8 XP1114
Q9 2SK882
Q10 XP4601
Q11 2SK882
Q12 2SC4081
Q13 XP4311
Q14 2SC4081
Q15 3K131
Q16 3SK131
Q20 DTC144EU
Q23 2SA1586
Q28 2SJ144
Q29 XP1213
Q30 DTC144EU
Q58 XP4311
Q61 DTC144EU
D1 MA862
D2 MA862
D3 MA862
D5 1SS272
D6 MA862
D7 MA862
D8 MA862
D9 MA862
D10 1SS375
D11 MA862
D12 MA862
D13 MA862
D14 MA862
D17 1SS355
D18 DAN222
D23 1SS355
D25 1SS272
D26 DAN222
D27 1SS355
D47 1SS272
D48 DAN222
D61 MA862
FI1 SFEQ 10.7MG2-A
FI2 SFBCA 10.7MS-2A
FI3 SFPC455E-TC01
FI4 FL-65
FI5 SFPC455H
FI6 SFPC455H
FI7 SFPC455E-TC01
FL1 FL-75
FL2 FL-75
FL3a FL-75
FL3b FL-75
OPTION FL-52A
L1 0.82u
L2 617PT-1026
L3 617PT-1026
L4 100uH
L5 0.33uH
L6 100uH
L7 LS-476
L8 LS-476
L9 LS-476
L10 LS-479
L13 18uH
L14 LS-479
L17 LS-480
L18 LS-476
L19 100uH
L20 100uH
L21 LS-476
L22 LS-476
L23 100uH
L28 HF50AC322513-B
L29 100uH
L30 100uH
L31 100uH
L32 100uH
L33 100uH
L34 HF50AC322513-B
L37 HF50AC322513-B
L40 0.39uH
L53 100uH
CP1
CP2
W9
W10
W11
W12
WFM 7.55V
WFM 1.69V
WFM 2.36V
WFM 1.12V
WFM 1.34V
WFM 4.31V
NB ON :0.53V OFF:7.59V
CW-N:4.08V
CW-N:4.12V
SSB CW AM-N 4.12V
AM FM-N 4.10V
AM-W FM 4.08V
SMAD
LIAD
MIXV
MRXD
LVDA
F1
F2
F3
F4
SW
F2M
F1M
FILS
MIXV
Pck
Pdat
PDE
PSTB
LCT1
DE
STBE
STBF
STBB
Mdat
Mck
STBA
STBC
OE
GND
AGC
LVDA
+24
+8
-8
13.8
+5
M96
SSTB
FILP
FIL1
FIL2
FIL3
FIL4
NRS1
NRS2
VSS

MAIN-A UNIT


MAIN-A UNIT
COVER
CHASSIS
RS-232C
AGC OUT
EXT SP
DC IN
FROM POWER SW
FROM JACK UNIT
IC20 M5282FP
IC21 uPC1214H
IC29 BU4053BCF
IC30 BU4053BCF
IC27 TC7W04F
IC28 DS14C232TM
IC35 uPD4081BG
IC22 PQ30RV31
IC23 TA7808F
IC17 TA7805F
IC38 TA7805F
IC24 TA7808F
IC26 AN79L08M
IC25 AN78L24M
IC39 X9C503ST6
IC42 S-8054ALB-LM
Q46 DTA114EU
Q47 2SC4081
Q48 2SC4081
Q49 2SC4081
Q50 2SC4081
Q51 2SC2873
Q52 2SC2873
Q53 XP4601
Q71 2A1736
Q72 2SK2036
Q73 2SK2036
L45 7010-2N-1768


MIX-A UNIT
V2Lo (256/768MHz)
FROM PLLB
V2IF (10.7MHz)
TO MAIN-A
V1IF
TO RF-D
BPF2
BPF1
52610-1071
FROM MAINA
MMZ1608Y102BT
NJM2902V
DTC144EU
XP1213
XN1114
TMP-J01X-V6
UPC2710TB
1SV237
TMP-K01X-A1
TBP-P01X-A1
5MXE14
#302HEP
#252HEP
(266.7MHz)
1SV271
MA862
MBF-778A
MBF-778
(778.7MHz)
MA77
2SC4835

ICOM

SERVICE MANUAL

COMMUNICATIONS RECEIVER

IC-R8500

S-14318XZ-C1
Nov. 2006

Icom Inc.

INTRODUCTION

This service manual describes the latest service information for the **IC-R8500** COMMUNICATIONS RECEIVER at the time of publication.

MODEL	VERSION	SYMBOL
IC-R8500	U.S.A.	[USA]
	Europe	[EUR]
	France	[FRA]
	Others	[OTH]

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

CAUTION

NEVER connect the transceiver to an AC outlet or to a DC power supply that uses more than 13.8 V. This will ruin the transceiver.

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

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

ORDERING PARTS

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

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

<SAMPLE ORDER>

1110003491	S.IC	TA31136FNG	IC-M603	MAIN-A UNIT	5 pieces
8820001210	Screw	2438 screw	IC-M603	Top cover	10 pieces

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

REPAIR NOTES

1. Make sure a problem is internal before disassembling the transceiver.
2. **DO NOT** open the transceiver until the transceiver is disconnected from its power source.
3. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
4. **DO NOT** short any circuits or electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the transceiver is defective.
6. **READ** the instructions of test equipment thoroughly before connecting equipment to the transceiver.

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SECTION 8 SEMICONDUCTOR INFORMATION

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SECTION 11 VOLTAGE DIAGRAM

SECTION 1 SPECIFICATIONS

• Frequency coverage:

Version	Frequency coverage (MHz)
[USA]	0.10000–823.99999 849.00001–868.99999 894.00001–1999.99999*
[FRA]	0.10000–87.50000 108.00000–1999.99999*
[EUR] [OTH]	0.10000–1999.99999*

*Specifications guaranteed 0.1–1000 and 1240–1300 MHz.

• Mode : SSB (USB, LSB)
CW (Normal, Narrow*)
AM (Wide, Normal, Narrow)
FM (Normal, Narrow)
WFM
*Optional FL-52A is required

• Number of memory: 1000 memory channels plus 20 scan edge channels and 1 priority channel

• Antenna connector : below 30 MHz SO-239 (50 Ω)
Phono; RCA (500 Ω)
above 30 MHz Type-N (50 Ω)

• Usable temperature range: −10 °C to +50 °C; +14 °F to +122 °F

• Frequency stability : below 30 MHz ±100 Hz (±20 Hz*)
above 30 MHz ±3 ppm (±0.6 ppm*)
*When the optional CR-293 is installed.

• Tuning steps : 10, 50, 100 Hz or 1, 2.5, 5, 9, 10, 12.5, 20, 25, 100 kHz or 1 MHz or Programmable (0.5–199.5 kHz/0.5 kHz step)

• Power supply requirement : 13.8 V DC ±15 % (negative ground) or domestic AC with AD-55/A/V

• Current drain (at 13.8 V DC) : Stand-by 1.8 A
Max. audio 2.0 A

• Dimensions : 287 (W) × 112 (H) × 309 (D) mm
11.3 (W) × 4.4 (H) × 12.2 (D) in
(projections not included)

• Weight : 7.0 kg; 15.4 lb

• Receive system : Superheterodyne system

• Intermediate frequencies

Frequency band (MHz)	1st (MHz)	2nd (MHz)	3rd (kHz)
0.1– 29.99999	48.8	10.7	455*
30.0– 499.99999	778.7	10.7	455*
500.0–1024.99999	266.7	10.7	455*

Note: Convertor system is adopted above 1025 MHz.
Using local freq. of 500, 1000 or 1010 MHz.
*Except WFM

• Sensitivity :

Frequency band (MHz)	Mode					
	SSB/CW	AM	AM-N	AM-W	FM	WFM
0.1– 0.49999	1.0 µV	6.3 µV	–	–	–	–
0.5– 1.79999	2.0 µV	13.0 µV	–	–	–	–
1.8– 1.99999	0.25 µV	3.2 µV	2.5 µV	–	–	–
2.0– 29.99999	0.2 µV	2.5 µV	2.0 µV	–	0.5 µV*	–
30.0– 999.99999	0.32 µV	2.5 µV	2.0 µV	3.2 µV	0.5 µV	1.4 µV
1240.0– 1300.00000	0.32 µV	2.5 µV	2.0 µV	3.2 µV	0.5 µV	2.0 µV

Note: SSB, CW, and AM modes are measured at 10 dB S/N; FM and WFM modes are measured at 12 dB SINAD.
* 0.5 µV is guaranteed in higher than 28 MHz for FM mode.

• Squelch sensitivity :
1.8–29.99999 MHz (threshold/tight)
SSB, CW, AM-N 10 µV/320 mV
AM, AM-W 0.5 µV/320 mV
28–29.99999 MHz (threshold/tight)
FM 0.5 µV/320 mV
30–1000, 1240–1300 MHz (threshold/tight)
FM, AM, AM-W 0.4 µV/320 mV
WFM, SSB, CW, AM-N 4.5 µV/320 mV

• Selectivity :
WFM More than 150 kHz/− 6 dB
FM, AM-W More than 12 kHz/−6 dB
FM-N, AM More than 5.5 kHz/−6 dB
AM-N, SSB, CW, CW-N (option) More than 2.2 kHz/−6 dB
More than 0.5 kHz/−6 dB

• Spurious and image rejection ratio
1.8–29.99999 MHz More than 60 dB
30–1000, 1240–1300 MHz 50 dB (typ.)

• Audio output power (at 13.8 V DC): More than 2.0 W at 10 % distortion with an 8 Ω load

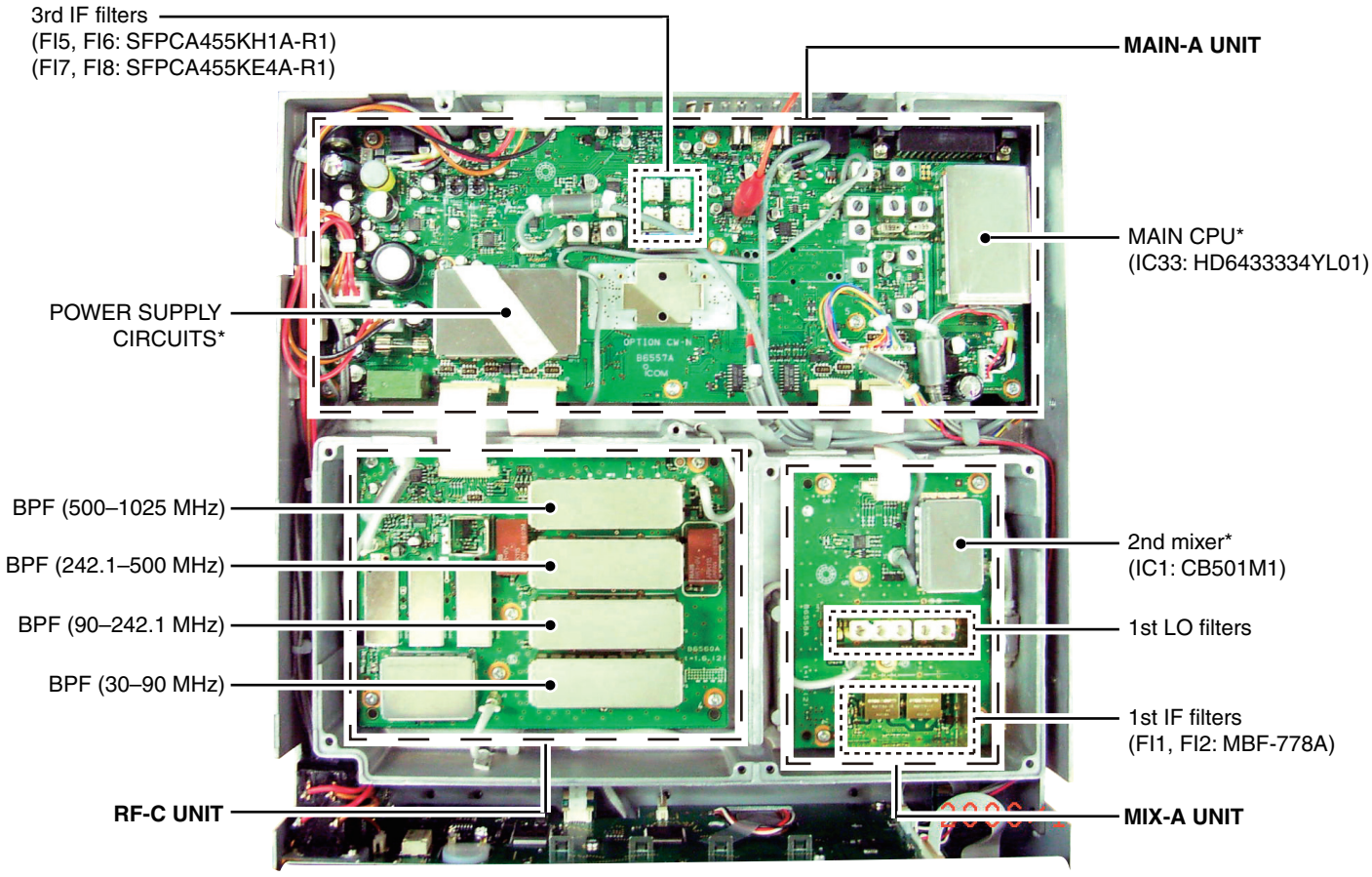
• IF shift variable range : More than ±1.2 kHz

• External speaker connector : 2-conductor 3.5 (d) mm (1/8") / 4–8 Ω
• RS-232C connector: D-subs 25
• CI-V connector : 2-conductor 3.5 (d) mm (1/8")
• 10.7 MHz IF out connector : Phono; RCA (50 Ω)
• AGC connector : Phono; RCA
• REC connector : 2-conductor 3.5 (d) mm (1/8")
• REC REMOTE connector : 2-conductor 3.5 (d) mm (1/8")
• PHONES connector : 3-conductor 6.35 (d) mm (1/4")

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

SECTION 2 INSIDE VIEW

• TOP VIEW

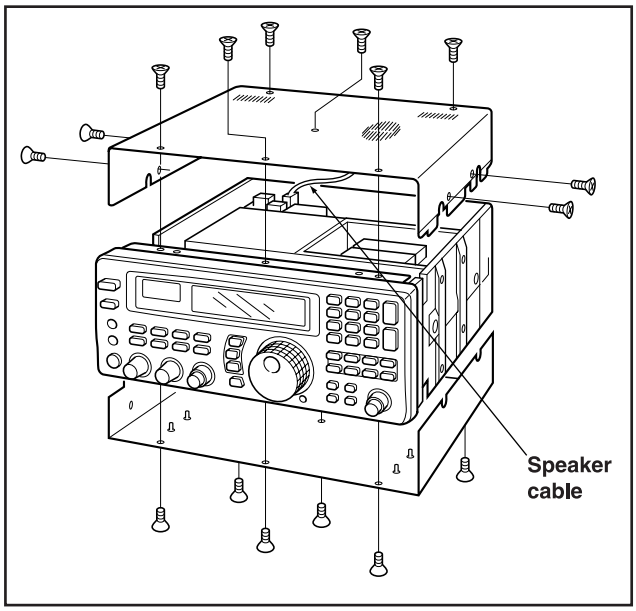


*Located under the shield plate.

SECTION 3 DISASSEMBLY INSTRUCTION

Removing the front panel

① Remove 6 screws from the top of the receiver and 4 screws from its sides.
② Carefully lift up the top cover while disconnecting the plug from the speaker cable.
③ Turn the receiver upside down.
④ Remove 6 screws from the bottom cover, then lift up the bottom cover.

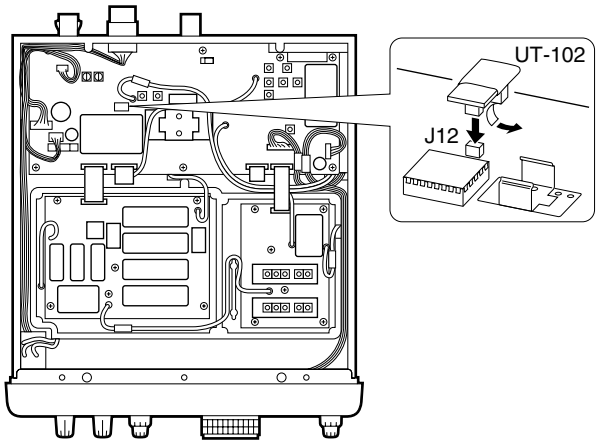


■ UT-102 VOICE SYNTHESIZER UNIT

The UT-102 announces the accessed frequency in a clear, electronically generated voice, in English (or Japanese) when pushing [SPCH] or when a signal is detected during scan.

① Remove the top cover.
② Remove the protected paper attached to the bottom of the UT-102 to expose the adhesive strip.
③ Connect the UT-102 as shown in the diagram at right.
④ Replace the top cover.

Under the top cover



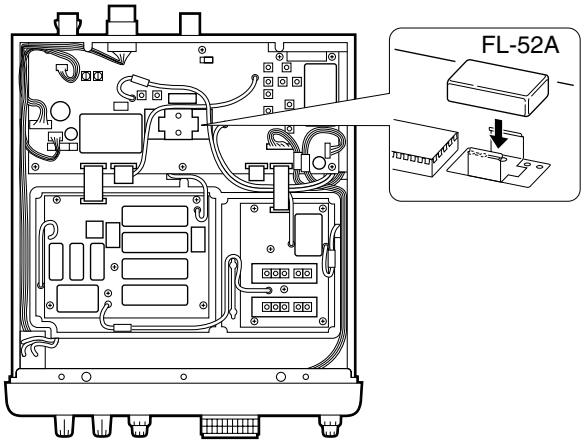
■ FL-52A CW NARROW FILTER

The IC-R8500 has a CW narrow mode which provides better S/N (signal-to-noise) and also rejects nearby interference. The CW narrow filter is helpful when receiving CW and radio-teletype signals.

① Remove the top cover.
② Connect the FL-52A as shown in the diagram at right.
- Make sure it is connected in the proper orientation.
- Attached nuts on the FL-52A are not necessary. If you want to install the filter more securely, open the MAIN unit, then use the nuts on the bottom of the MAIN unit.

③ Replace the top cover.

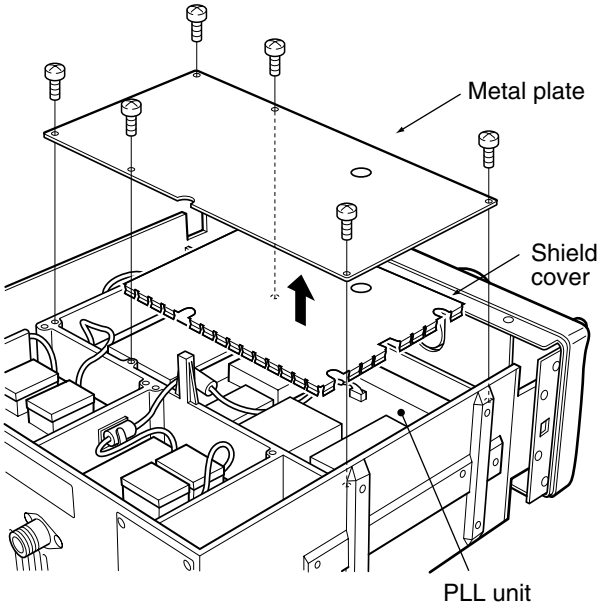
Under the top cover



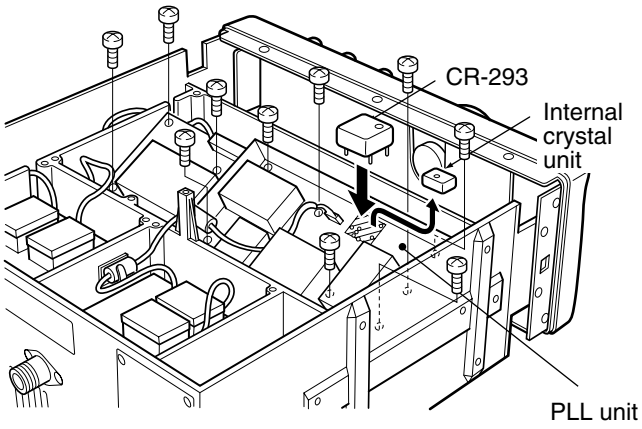
■ CR-293 HIGH STABILITY CRYSTAL UNIT

A temperature-compensating crystal with a stability of ±3 ppm is built-in to the receiver. For more demanding operation, the CR-293 HIGH STABILITY CRYSTAL UNIT is available. It has a stability of ±0.5 ppm.

① Remove the bottom cover as shown on p. 37.
② Remove 6 screws from the metal plate, then remove the metal plate and shield cover.

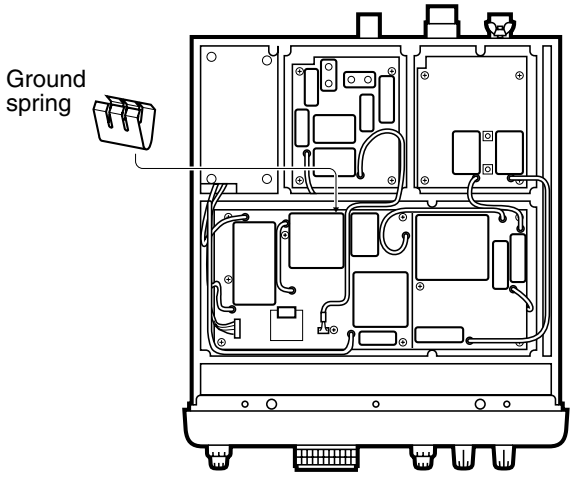


③ Remove 10 screws from the PLL unit, then open the unit to expose the bottom.
④ Unsolder the feet of the internal crystal unit, then remove it.
⑤ Place the CR-293 in the space available as shown in the diagram, then solder its feet into place (6 points).
⑥ Adjust the reference frequency using a frequency counter.



⑦ Replace the ground spring to its original position.
⑧ Return the shield cover, metal plate and bottom cover to their original positions.

NOTE: The CR-293 is an oven-type crystal unit, and the specified frequency stability described above is guaranteed 1 min. after power ON.



SECTION 4 CIRCUIT DESCRIPTION

4-1 RECEIVER CIRCUITS

4-1-1 RF CONVERTOR CIRCUIT (CONV UNIT)

The RF convertor circuit converts 1025–1999.99999 MHz RF signals to 200–989.99999 MHz RF signals.

(1) 30.00000–1024.99999 MHz signals

RF signals from the antenna connector (J1) pass through the switching relays (RL1, RL2) to bypass the RF convertor circuit. The bypassed RF signals either bypass or are passed through the RF attenuator circuit (R17–R19, R25–R27) then applied to the RF-B unit via J3.

(2) 1025.00000–1999.99999 MHz signals

RF signals from the antenna connector (J1) are applied to the RF amplifier circuit (IC1, IC3) via the switching relay (RL1) and tunable high-pass filter (D3–D5, D20, D21, L2–L4). The amplified signals are mixed with convertor LO signals at the RF convertor circuit (IC2) to produce 200.00000–989.99999 MHz RF signals. The converted RF signals are applied to the RF-B unit via J3 after bypassing or passing through the attenuator circuit.

The convertor PLL circuit (IC6: VCO, IC7: PLL IC) generates a 1000 or 1010 MHz LO signal and applies them to the convertor circuit directly or divides them by 2 at IC8.

• Convertor LO signals

Receive frequency	Convertor LO frequency
1025–1199.99999 MHz	500 MHz
1200–1989.99999 MHz	1000 MHz
1990–1999.99999 MHz	1010 MHz

4-1-2 RF ATTENUATOR CIRCUIT (CONV UNIT)

The attenuator circuit attenuates the signal strength up to 30 dB to protect the RF amplifier from distortion when excessively strong signals are received.

The RF attenuator circuit consists of 2 separate attenuator circuits connected in series. The 1st stage of the RF attenuator circuit (R17–R19) provides 20 dB attenuation; the 2nd stage (R25–R27) provides 10 dB attenuation via a "π" type attenuator.

4-1-3 VHF/UHF RF CIRCUIT (RF-B UNIT)

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

The RF circuit consists of 4 bandpass filter circuits with an RF amplifier for each.

The received signals from the CONV unit are passed through to the tunable bandpass filter via the switching relay (RL1), then amplified at the RF amplifier circuit. The amplified RF signals are again passed through another bandpass filter to suppress out-of-band signals. The filtered signals are amplified at the other RF amplifier circuit (IC3), then applied to the 1st mixer circuit after passing through the low-pass or bandpass with tuned notch circuit.

The tunable bandpass filters employ varactor diodes to tune the center frequency of the RF passband for wide bandwidth receiving and good image response rejection. These diodes are controlled by the CPU (MAIN unit, IC33) via the voltage amplifier circuit (IC2).

A Ga-As FET is used for the RF amplifiers (Q1–Q4) to provide high sensitivity within wide-band coverage, and also to provide 10 dB amplifying gain.

• Tunable bandpass filter and RF amplifier

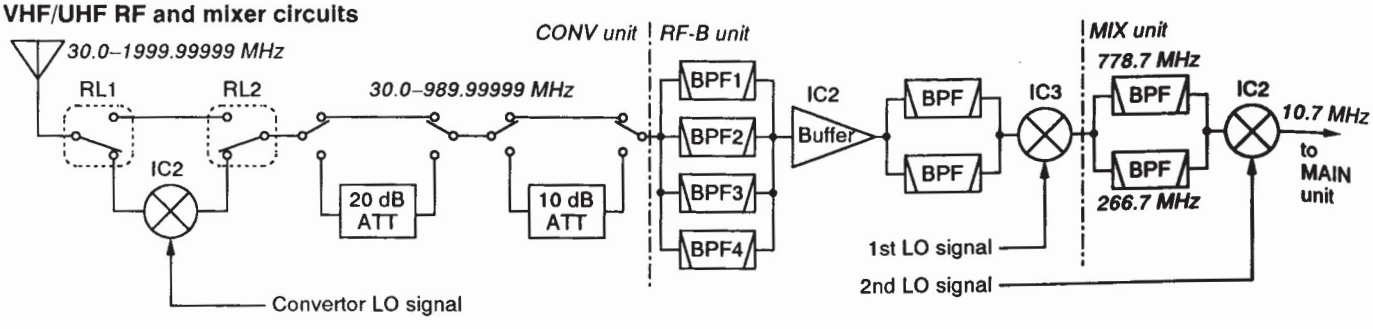
Receive frequency (MHz)	BPF select signal	Varactor diodes	RF amp.
30.0– 89.99999	BPF1	D3, D4	Q1
90.0– 242.09999	BPF2	D9–D12	Q2
242.1– 499.99999	BPF3	D15, D16, D33, D34	Q3
500.0–1024.99999	BPF4	D19–D23	Q4

4-1-4 TUNED NOTCH CIRCUIT (RF-B UNIT)

The tuned notch circuit activates while RF signals higher than 500 MHz are received. The circuit prevents the 1st LO signal from entering the antenna connector and also reduces IF disturbance.

The tuned notch circuit (D29–D32, L51–L54, L74) is designed between the high-pass (L82, C166–C168) and low-pass filter (L55, L56, C96–C98, C100). The high-pass filter reduces IF disturbance (266.7 MHz), and the tuned notch and low-pass filter circuits prevent the 1st LO signal from entering the antenna connector.

• VHF/UHF RF and mixer circuits

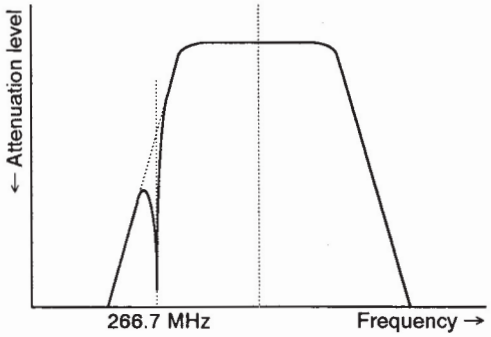


UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

Varactor diodes are employed at the tuned notch filter circuit to control the center frequency of the IF signal, and are controlled by the CPU (MAIN unit, IC33) via the current amplifier circuit (IC7a).

• Tuned notch filter characteristics



4-1-5 VHF/UHF 1ST MIXER CIRCUIT (RF-B UNIT)

The 1st mixer circuit converts the received RF signals to a fixed frequency of the 1st IF signal with a PLL output frequency. By changing the PLL frequency, only the desired frequency will pass through the bandpass filters at the next stage of the 1st mixer.

The filtered RF signals are mixed with 1st LO signals at the 1st mixer circuit (IC4, pin 3) to produce a 778.7 or 266.7 MHz 1st IF signal. The 1st IF signal is output from pin 5, and passed through the low-pass filter circuit (L75–L77, C141–C145) to suppress unwanted harmonic components. The filtered 1st IF signal is applied to the MIX unit via J2.

The 1st LO signals are generated at the VCO-A circuit (VCO-A board, Q1, Q3), and are applied to the 1st mixer (IC4, pin 6) after being amplified at the LO amplifier circuit (IC6) via the V1LO line.

• 1st LO frequency and 1st IF frequency

Receive freq. [MHz]	1st LO freq. [MHz]	1st IF freq. [MHz]
30.0– 89.99999	808.7– 868.69999	778.7
90.0– 242.09999	868.7–1020.79999	778.7
242.1– 499.99999	1020.8–1278.69999	778.7
500.0–1024.99999	766.7–1291.69999	266.7

4-1-6 VHF/UHF 1ST IF AND 2ND MIXER CIRCUITS (MIX UNIT)

The 2nd mixer circuit converts the 1st IF signal to a 2nd IF signal.

The 1st IF signal from the RF-B unit is passed through the bandpass filter to suppress unwanted out-of-band signals.

The 778.7 MHz 1st IF signal is passed through the dielectric notch filter (FI2) to obtain good image response rejection for the 21.4 MHz lower frequency from the receiving frequency after passing through the dielectric filter (FI1).

And, the 266.7 MHz 1st IF signal is passed through the helical notch filter (L15) to obtain a good image response rejection for the 21.4 MHz lower frequency from the receiving frequency via the helical bandpass filter (L14).

The filtered 1st IF signal is mixed with 2nd LO signals at the 2nd mixer circuit (IC1) to produce a 10.7 MHz 2nd IF signal. The 2nd IF signal is applied to the MAIN unit via J4 after suppressing unwanted higher harmonic components at the low-pass filter (L9, L22, C25, C27).

The 2nd LO signals are generated at the VCO-B circuit (VCO-B board, Q1, Q3), and are applied to the 2nd mixer circuit after being amplified at the LO amplifier circuit (IC2).

4-1-7 HF RF FILTER CIRCUIT (RF-A UNIT)

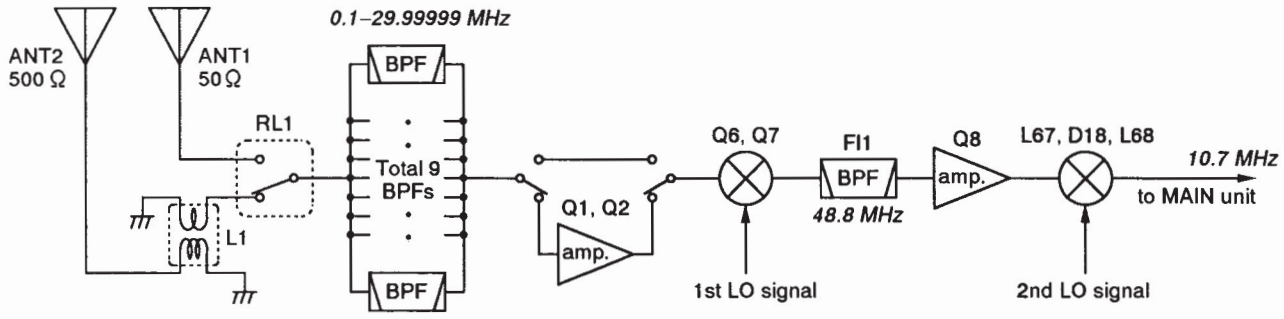
The RF filter circuit consists of an antenna switching circuit, 9 bandpass filters and an RF amplifier circuit.

IC-R8500 has 2 antenna connectors for the HF bands (ANT1 and ANT2); ANT1 employs an SO-239 connector with 50 Ω impedance and ANT2 employs a phono/RCA connector with 500 Ω impedance.

The RF signals from ANT1 (J2) are applied to the bandpass filter to suppress out-of-band signals via the antenna switching relay (RL1). However, the RF signals from ANT2 (J1) are passed through the step-down transformer (L1) to be converted into 50 Ω impedance when ANT2 is selected. Then the RF signals are applied to the bandpass filter.

The filtered RF signals are bypassed or applied to the RF amplifier circuit (Q1, Q2), depending on the syatus of the 10 dB attenuator. The RF amplifier circuit (Q1, Q2) provides 10 dB gain, therefore, the bypassed RF signal strength seems attenuated when the 10 dB attenuator is turned ON.

• HF RF and mixer circuits



UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

Then the RF signals from the switching diode (D17) are applied to the 1st mixer circuit.

• Bandpass filters

Receive freq. [MHz]	SW diode	BPF select signal	Components
0.1– 0.49999	D3	B1	L7,L8, C15–C17
0.5– 1.59999	D3	B2	L10, L11, C22–C25
1.6– 1.99999	D7	B3	L23, L24, C42–C44
2.0– 3.99999	D8	B4	L18–L20, C34–C39
4.0– 7.99999	D8	B5	L26–L29, C46–C51
8.0–10.99999	D9	B6	L31–L33, C54–C59
11.0–14.99999	D9	B7	L36–L38, C62–C67
15.0–21.99999	D10	B8	L41–L43, C70–C75
22.0–29.99999	D10	B9	L46–L49, C79–C84

4-1-8 HF 1ST MIXER CIRCUIT (RF-A UNIT)

The 1st mixer circuit converts the RF signals to a desired 48.8 MHz 1st IF signal. In this way, the VCO-A circuit output frequencies are used for 1st LO signals after being amplified at the LO amplifier (IC2).

The received RF signals from the bandpass filter circuit are mixed with 1st LO signals at the 1st mixer circuit (Q6, Q7) after passing through the low-pass filter circuit (L59, C98–C100). The mixed 1st IF signal is passed through the crystal filter (FI1) to suppress out-of-band signals then amplified at the IF amplifier circuit (Q8).

The amplified 1st IF signal is applied to the 2nd mixer circuit.

• 1st LO frequency and 1st IF frequency

Receive freq. [MHz]	1st LO freq. [MHz]	1st IF freq. [MHz]
0.1–29.99999	48.9–78.79999	48.8

4-1-9 HF 2ND MIXER CIRCUIT (RF-A UNIT)

The 2nd mixer circuit converts the 1st IF signal to the desired 10.7 MHz 2nd IF frequency. The 2nd LO signal is used in the mixer circuit to produce a 2nd IF frequency, and the signal is generated at the VCO-B circuit (VCO-B board, Q1, Q3) after being amplified at the LO amplifier (IC1).

The 1st IF signal from the IF amplifier (Q8) is applied to the double balanced mixer circuit (D18, L67, L68) to produce a 10.7 MHz 2nd IF signal. The 2nd IF signal is then passed through the low-pass filter circuit (L84, C145, C146), and is then applied to the MAIN unit via J5.

4-1-10 IF CIRCUIT (MAIN UNIT)

The 10.7 MHz 2nd IF signal from the MIX unit is applied to the mode switch (D3) after being amplified at the IF amplifier circuit (Q2). However, the 10.7 MHz 2nd IF signal from the RF-A unit is applied to the mode switch (D3) directly. The IF signal from the mode switch is then applied to a different circuit depending on the receiving mode.

(1) WFM mode

The 2nd IF signal from the mode switch (D3) is applied to the IF amplifier circuit (Q4). The amplified IF signal is passed through the bandpass filters (FI1, FI2) to suppress out-of-band signals. The filtered IF signal is then applied to the WFM demodulator circuit.

(2) Other modes

The 2nd IF signal from the mode switch (D3) is passed through the bandpass filter (FI3) to suppress out-of-band signals, and then applied to the IF amplifier circuit (Q15). The amplified IF signal is then applied to the 3rd mixer circuit.

4-1-11 3RD MIXER CIRCUIT (MAIN UNIT)

The 3rd mixer circuit mixes the 2nd IF signal and 3rd LO signal to produce a 455 kHz 3rd IF signal. The 3rd LO signal is generated at the DDS circuit (PLL unit, IC13) and is applied to the 3rd mixer circuit via the buffer-amplifier (Q28).

The 2nd IF signal from the IF amplifier circuit (Q15) is applied to the 3rd mixer circuit (IC6, pin 6), and also the 3rd LO signal (10.245 MHz) is applied to pin 8 of the IC. The mixed 3rd IF signal is output from pin 3, and is passed through different bandpass filters depending on the receiving mode and passband width. The filtered 3rd IF signal is applied to the matched demodulator circuit with the receiving mode via the IF amplifier circuit (Q16).

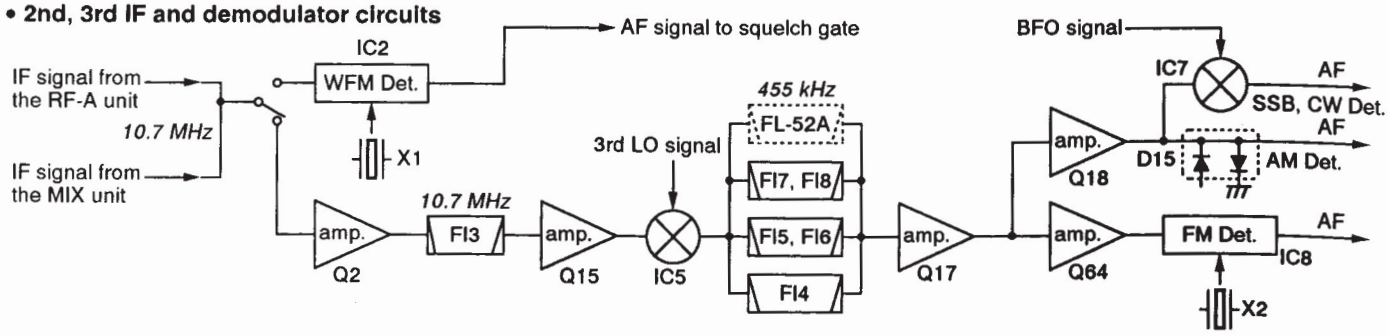
• Bandpass filter selection

Mode(s)	Bandpass filter(s)	Passband width
FM, AM-W	FI7, FI8	12 kHz
FM-N, AM	FI5, FI6	5.5 kHz
SSB, CW, AM-N	FI4	2.2 kHz
CW-N	Optional FL-52A	500 Hz

4-1-12 DEMODULATOR CIRCUIT (MAIN UNIT)

The demodulator circuit converts the 3rd IF signal into AF signals. 4 separate demodulator circuits are employed for each mode.

• 2nd, 3rd IF and demodulator circuits



UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

(1) WFM mode

The filtered 10.7 MHz 2nd IF signal from the bandpass filter (FI2) is applied to the WFM demodulator circuit (IC2, pin 7). The applied IF signal is mixed with an LO signal which is generated by X1 to demodulate AF signals. The demodulated AF signals are output from pin 13, and are then applied to the squelch control gate (IC19d).

(2) FM mode

The amplified 3rd IF signal at the IF amplifier (Q16) is again amplified at the other IF amplifier (Q64) and then applied to the FM detector circuit (IC8, pin 5). The applied 3rd IF signal is mixed with the signal generated by discriminator (X2) to demodulates AF signals. The demodulated AF signals are output from pin 9 and passed through the active filter circuit (IC32a) to suppress unwanted subaudible tone audio signals and lower noise components.

The filtered AF signals are applied to the squelch control gate (IC19c).

(3) AM mode

The amplified 3rd IF signal from the IF amplifier (Q16) is again amplified at the other IF amplifiers (Q17, Q18). The amplified 3rd IF signal is then applied to the AM demodulator circuit (D15). The demodulated AF signals are applied to the squelch control gate (IC19b).

(4) SSB and CW modes

The amplified 3rd IF signal from the IF amplifier (Q18) is applied to the balanced mixer circuit (IC7) and mixed with BFO signals to demodulate AF signals. The demodulated AF signals are applied to the squelch control gate (IC19a).

The BFO signals are generated at the BFO circuit (PLL unit, IC15) and are applied to the balanced mixer circuit via the buffer-amplifier (Q31).

4-1-13 SQUELCH CONTROL CIRCUIT (MAIN UNIT)

The demodulated AF signals from the demodulator circuits are applied to the squelch control gate (IC19). This consists of 4 analog switches which are selected with a mode signal and squelch control setting from the CPU (IC33) via the expander IC (IC18). The switched AF signals are applied to the AF circuit.

4-1-14 SQUELCH CIRCUIT (MAIN UNIT)

(1) FM, FM-N, AM and AM-W modes

A squelch circuit cuts out AF signals when no RF signal is received or the S-meter signal is lower than the [SQUELCH] control setting level. By detecting noise components in the AF signals, the CPU switches the squelch control gate.

Some noise components in the AF signals from pin 9 of the FM IF IC (IC8) are applied to the noise filter section in the FM IF IC (pin 10). The filtered noise components are output from pin 11, and then applied to the noise amplifier circuit (IC9b). The amplified signals are rectified at the noise detector circuit (D16) and the detected voltages are applied to the CPU (IC33) via the NOAD line after being current-amplified at the current-amplifier circuit (IC4a).

The [SQUELCH] control level signal is applied to the CPU (IC33) via the sub-CPU (FRONT unit, IC1) as a reference voltage for comparison with the noise voltages. Also, an S-meter signal is applied to the CPU from the meter amplifier (IC9a). The CPU compares these signals, then outputs a control signal to the squelch control gate.

The FM IF IC detects noise components even in AM and AM-W modes for noise squelch control, and also the IF amplifier (Q18) is activated in FM and FM-N modes for S-meter and S-meter squelch functions.

(2) WFM, SSB, CW and AM-N modes

The squelch circuit mutes AF output when the S-meter signal is lower than the [SQUELCH] control setting level.

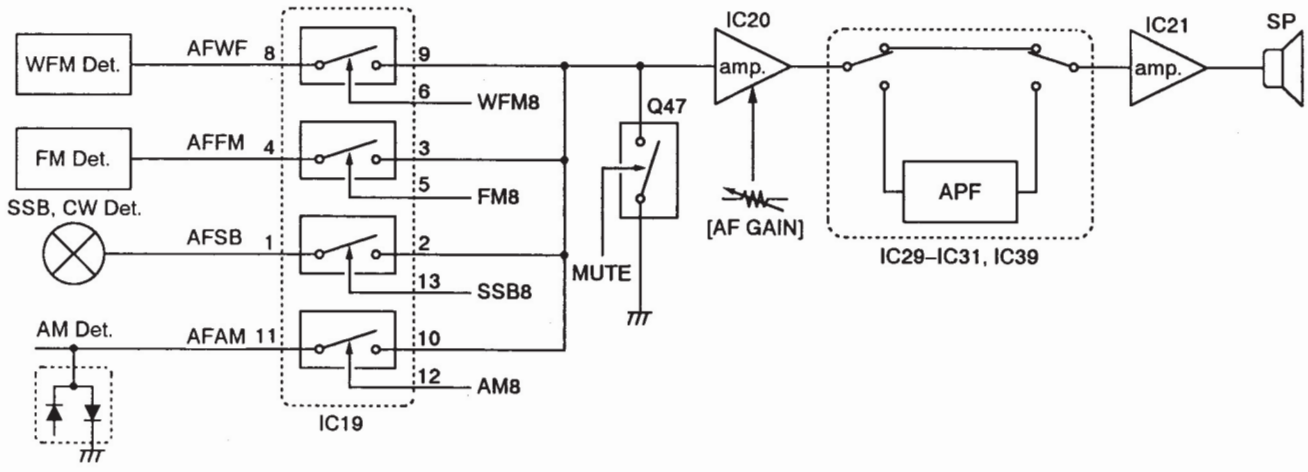
SSB, CW and AM-N modes

A portion of the 3rd IF signal from the IF amplifier (Q18) is converted into DC voltage at the AGC detector (Q27, D20) and the meter amplifier (IC9a). The amplified signal is applied to the CPU (IC33) via the SMAD line. The CPU outputs control signals to the squelch control gate when the S-meter signal is at a low level.

WFM mode

The WFM demodulator (IC2) controls input voltage of the meter amplifier (IC9a, pin 2) via Q6 and the AGC line. The same circuit is used even in WFM mode with SSB, CW and AM-N modes.

• Squelch and AF amplifier circuits



UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

4-1-15 AF AMPLIFIER CIRCUIT (MAIN UNIT)

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

AF signals from the squelch control gate are pre-amplified at the AF amplifier (IC20) and are then applied to the AF power amplifier (IC21) after either passing through or bypassing the APF circuit (IC29–IC31, IC39). The power amplified AF signals are applied to the internal speaker via the [EXT SP] and [PHONE] jacks when no plugs are connected to the jacks.

The [AF GAIN] control signal is also applied to the AF pre-amplifier (IC20, pin 8) via the CPU (IC33) to control amplifying gain.

4-1-16 NOISE BLANKER CIRCUIT (MAIN UNIT)

The noise blanker circuit detects pulse-type noises, and stops IF amplifier operation during detection.

A portion of the 3rd IF signal from the bandpass filter (FI3) is amplified at the noise amplifier circuit (Q9, IC5, Q11). The amplified signal is rectified at the noise detector circuit (D10) for conversion into DC voltage. The DC voltage is applied to the NB control circuit (Q12, Q13) to control the NB switch (Q14).

Some DC voltage is fed back to the noise amplifier circuit (IC5) via the DC amplifier (Q10). The DC amplifier function as an AGC circuit to reduce averaged noise. Therefore, the noise blanker function shuts off pulse-type noise only.

4-1-17 AGC CIRCUIT (MAIN UNIT)

The AGC (Auto Gain Control) circuit reduces IF amplifier gain to keep the audio output at a constant level.

A portion of the 3rd IF signal from the IF amplifier (Q18) is applied to the AGC detector circuit (D20). The detected signal is applied to the AGC control circuit (Q20, Q21, Q25, Q27) and then applied to the IF amplifiers (Q2, Q4, Q15–Q17). The AGC voltage is also applied to the RF-A and RF-B unit via the current-amplifier circuit (IC32b). The current-amplified AGC signal is applied to the IF amplifier and AGC control circuit in the RF-A unit (IF amp.: Q8, AGC control: Q3), and the buffer-amplifier circuit in the RF-B unit (IC1a).

When strong signals are received, the detected voltage increases and the output level of the AGC control circuit decreases. The AGC voltage is used as the bias voltage for the IF amplifiers, therefore, the IF amplifier gain is decreased.

AGC response time is controlled by changing the time constant at the AGC control line with resistors (R179, R180, R503) and capacitors (C134–C137). R179, R180, C134 and C135 are used for AGC slow, and R503, C136 and C137 are used for AGC fast mode's time constant. The time constant for AGC slow is connected to the AGC control line while AGC is set to slow. However, it's disconnected from the AGC control line, and the time constant for AGC fast is connected to the AGC control line while AGC is set to fast. Both time constants are disconnected from the AGC control line while scanning or when WFM or FM mode is selected for faster response than AGC fast mode.

4-1-18 S-METER CIRCUIT (MAIN UNIT)

The S-meter circuit indicates the relative received signal strength while receiving and changes depending on the received signal strength.

A portion of the AGC signal is applied to the meter amplifier circuit (IC9a). The amplified signal is then applied to the CPU (IC33) as an SMAD signal to drive the S-meter.

The SMAD signal is also used for noise and S-meter squelch operation by comparison with the [SQUELCH] control setting level and receiving signal strength at the CPU.

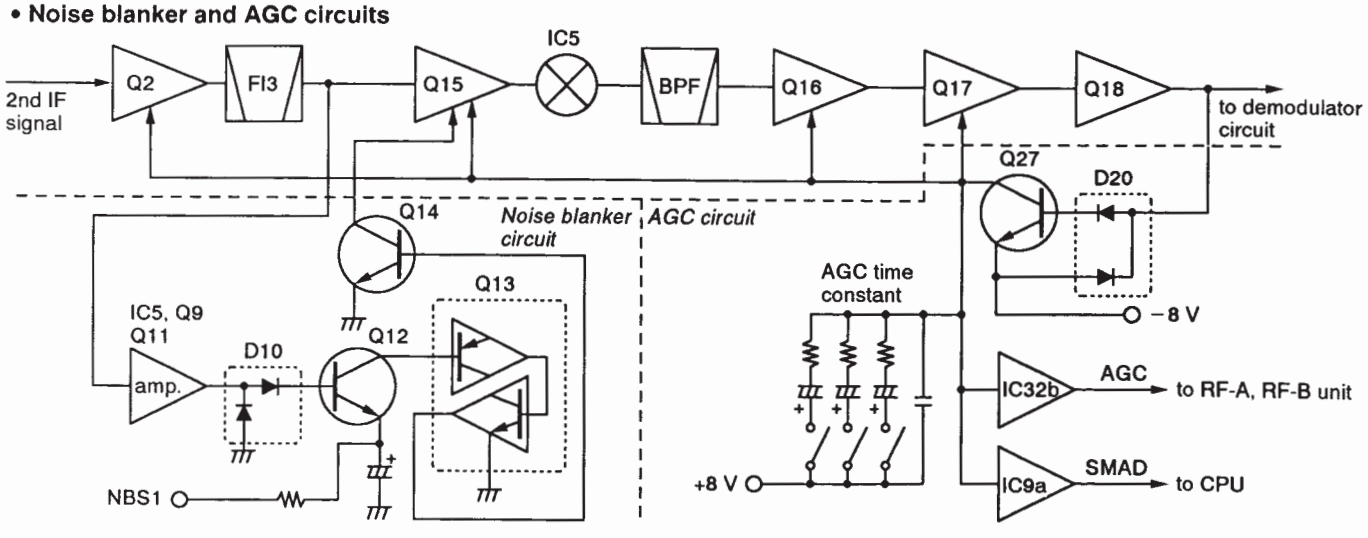
4-1-19 APF CIRCUIT (MAIN UNIT)

The APF (Audio Peak Filter) circuit boosts a specified frequency to pick up desired CW signals, etc.

When [APF] is turned ON, the AF signals from the squelch control gate (IC19) are applied to the APF circuit (IC29–IC31, IC39). The [APF] control adjusts the peak frequency within 200–1000 Hz. IC29 is a triple 2-channel analog switch IC and the AF signals are either passed through or bypass the APF circuit.

The APF circuit functions as a tone control while WFM, FM, AM or SSB mode is selected.

• Noise blanker and AGC circuits



UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

4-1-20 CENTER DETECTOR AND CENTER INDICATOR CIRCUITS (MAIN UNIT)

(1) WFM and FM modes

A portion of the detected audio signals from the demodulator circuit (IC2 for WFM, IC8 for FM) are applied to the center detector circuit (IC4b). The applied audio signals are converted into DC voltage, and also amplified at the center detector. The output DC voltage is then applied to the CPU (IC33) as a CMAD signal for center indication and AFC (Auto Frequency Control) operation, and is also applied to the window-comparator (IC13) for center scan stop.

The output signal from the window-comparator is applied to the CPU as a STOP signal.

(2) AM mode

A portion of the 3rd IF signal from the IF amplifier (Q18) is amplified at the buffer-amplifier circuit (Q65), and then converted into an IF phase signal at the AM center circuit (IC40c). The BFO signal is applied to the AM center circuit (IC40d) to be converted into a BFO phase signal after being amplified at the buffer-amplifier (Q66).

Both IF and BFO phase signals are applied to the phase detector circuit (IC41) to detect phase differences. The phase detector circuit outputs pulse-type signals according to the phase difference from pin 8, and the output signals are rectified at the rectifier section (D60). The rectified signal is then applied to the CPU (IC33) as a STOP signal via Q67 and Q68.

4-1-21 VSC CIRCUIT (MAIN UNIT)

The VSC (Voice Scanning Control) detects the AF signals during scanning and skips undesired signals such as unmodulated, beat and noise component signals.

A portion of the AF signals from the squelch gate (IC19) are applied to the VSC control circuit (IC10–IC12, Q30) after being amplified at Q62. The amplified AF signals are amplified and limited at the two-step amplifier section (IC10) then the output signal is applied to the one-shot multi circuit (IC11) as a trigger signal. The one-shot multi circuit functions as an F-V convertor, and the output voltage is proportional to the number of pulses within the singular time.

The output signals from the one-shot multi circuit are passed through the low-pass filter (IC12a) to detect AF signals. The filtered signals are then applied to the window comparator (IC12b). The window comparator outputs a high level signal when the applied signals from the low-pass filter exceeds the reference voltage.

The output signal is applied to the CPU (IC33) as a VSC signal via IC11c.

4-2 PLL CIRCUITS

4-2-1 1ST LO PLL CIRCUIT (PLL UNIT)

The 1st LO circuit generates the 1st LO frequency, and the signals are applied to the 1st mixer circuit in the RF-A and RF-B units. The 1st LO circuit consists of a DDS, VCO-A circuits and PLL IC, etc.

(1) DDS loop circuit

The signal generated at the VCO circuit (Q2, D1, D2) is amplified at the buffer-amplifier (Q3) then applied to the DDS circuit (IC3). The DDS circuit generates digital signal using the applied signal as a clock frequency. The phase detector section in IC3 compares it's phase with the reference frequency which is generated at the reference oscillator (X1; 30.2 MHz). IC3 outputs off-phase components as pulse signals via pins 52, 53.

The output pulses are converted into DC voltage at the loop filter circuit (Q44, Q45) and then applied to the VCO circuit to generate an approx. 6.5 MHz reference signal for the main loop circuit.

The D/A convertor (R10–R33), bandpass filter (FI1) and buffer-amplifier (IC4) circuits are connected to the DDS output to convert the digital oscillated signals into smooth analog signals.

(2) Main loop circuit

The generated signal from the VCO-A circuit (VCO-A board, Q1, Q3) is buffer-amplified at the buffer-amplifier (IC6). The buffer-amplified signal is applied to the prescaler section in the PLL IC (IC5, pin 11) via the low-pass filter circuit (L74, L75, C263–C267). The applied signal from the VCO-A circuit is prescaled in the PLL IC based on the divided ratio (N-data) to produce approx. 50 kHz phase signals. The phase signals are applied to the phase detector section.

The signal from the VCO in the sub loop circuit is applied to the programmable divider section in the PLL IC (IC5, pin 20) to produce approx. 50 kHz reference phase signals. The reference phase signals are applied to the phase detector section.

The phase detector section compares 2 of the applied phase signals. The phase detected signals are passed through the charge pump section and then output from pin 6 of the PLL IC. The output signals are applied to the loop filter circuit (Q38, Q39, Q42, Q43) to be converted into DC voltage as a PLL lock voltage. The PLL lock voltage is applied to the VCO-A circuit via the VCO switch (IC20).

• VCO-A output frequency

Receive freq. [MHz]	VCO-A output freq. [MHz]	VCO	Multiplier action
0.1– 14.99999	391.20–510.399920	Q1	1/8
15.0– 29.99999	510.40–630.399920	Q3	1/8
30.0– 242.09999	404.35–510.399995	Q1	×2
242.1– 499.99999	510.40–639.349995	Q3	×2
500.0– 754.09999	383.35–510.399995	Q1	×2
754.1–1024.99999	514.40–645.849995	Q3	×2
1025.0–1199.99999	395.85–483.349995	Q1	×2
1200.0–1242.09999	489.35–510.399995	Q1	×2
1242.1–1499.99999	510.40–639.349995	Q3	×2
1500.0–1754.09999	383.35–510.399995	Q1	×2
1754.1–1989.99999	510.40–628.349995	Q3	×2
1990.0–1999.99999	623.35–628.349995	Q3	×2

4-2-2 2ND LO PLL CIRCUIT (PLL UNIT)

The 2nd LO PLL circuit generates a 256 MHz, 304.8 MHz or 768 MHz signal depending on the receiving frequency,

and consists of a PLL IC, VCO-B and loop filter circuits, etc. The output signal is applied to the 2nd mixer circuit in the RF-A or RF-B unit as a 2nd LO signal via the multiplier circuit.

The generated signal from the VCO-B (VCO-B board, Q1, Q3) is amplified at the buffer-amplifier (IC12) and is then applied to the prescaler section in the PLL IC (IC10, pin 11). The reference signal from the divider circuit (IC11; 15.1 MHz) is divided at the programmable divider section in the PLL IC. The output signals from these section are phase detected at the phase detector section, and then output from pin 6 of the PLL IC via the charge pump section.

The output signals are applied to the loop filter circuit (Q14, Q15) to converted into DC. The DC voltage is then applied to the VCO-B circuit.

• VCO-B output frequency

Receive freq. [MHz]	VCO-B output freq. [MHz]	VCO	Multiplier action
0.1– 29.99999	304.8	Q1	1/8
30.0– 499.99999	768.0	Q3	–
500.0–1199.99999	256.0	Q1	–
1200.0–1499.99999	768.0	Q3	–
1500.0–1999.99999	256.0	Q1	–

4-2-3 CONVERTOR PLL CIRCUIT (CONV UNIT)

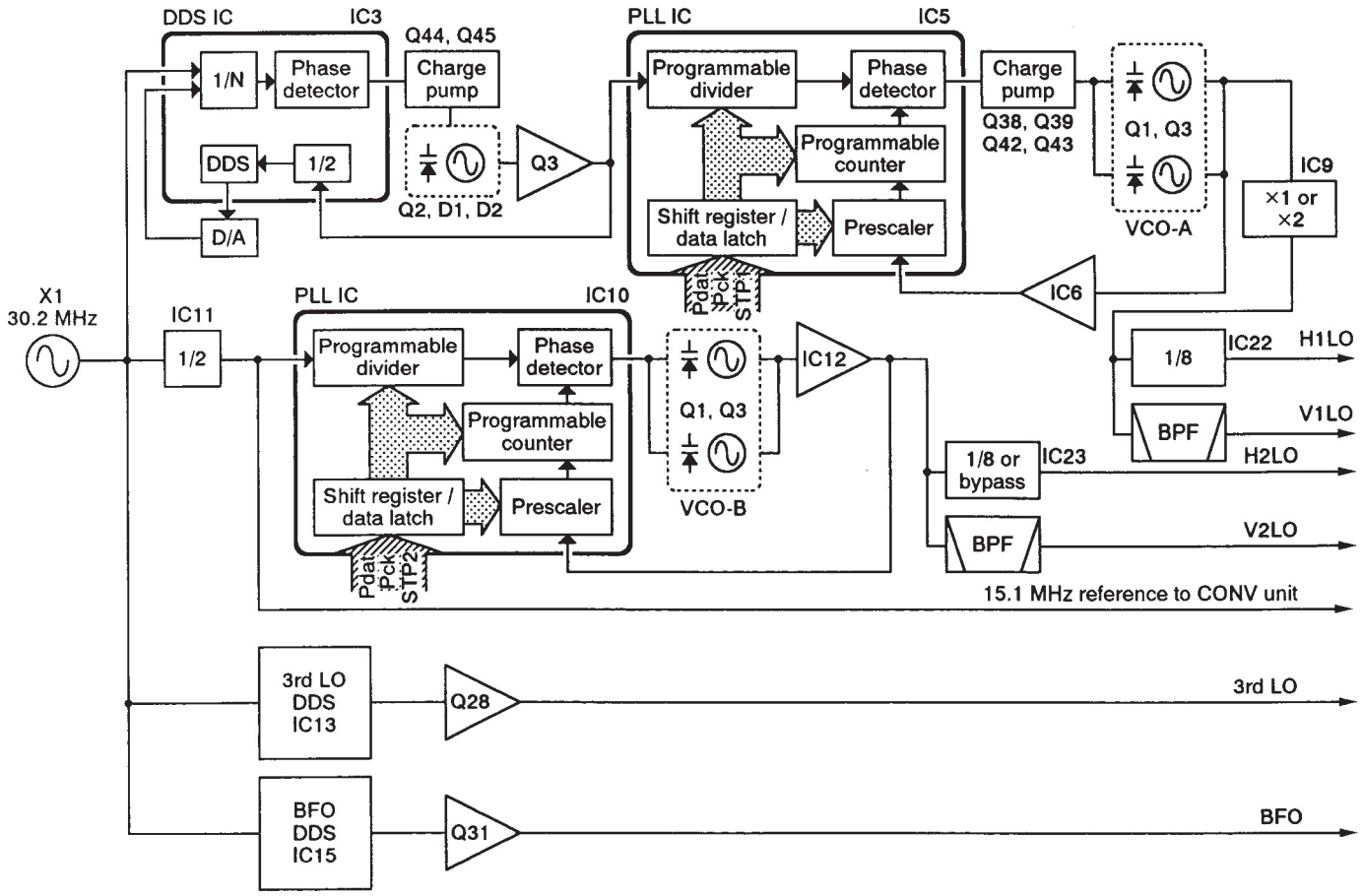
The generated signal from the convertor VCO circuit (IC6) is amplified at the buffer-amplifier circuit (IC7) and then applied to the PLL IC (IC4) via the low-pass filter circuit (L29, L30, C76–C78). The filtered signal is applied to the prescaler section to produce an approx. 100 kHz phase signal. The reference signal from the PLL unit (15.1 MHz) is divided at the programmable divider section in the PLL IC, and the phase signals are applied to the phase detector section.

The output signals from the phase detector section are applied to the convertor VCO circuit (IC6).

• Convertor VCO output frequency

Receive freq. [MHz]	Convertor VCO output freq. [MHz]	Divider action
1025.0–1199.99999	1000.0	1/2
1200.0–1989.99999	1000.0	bypassed
1990.0–1999.99999	1010.0	bypassed

• PLL circuits



UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

4-3 POWER SUPPLY CIRCUITS

4-3-1 VOLTAGE LINES

Line	Description
ADHV, HV1	The voltage from an AC adaptor (AD-55).
HV2	The same voltage as the ADHV or HV1 line which is controlled by the [POWER] switch.
DOUT	Common 12.5 V converted from the HV2 line by the regulator circuit (MAIN unit, IC22).
DCIN	The same voltage as the DOUT line when the jumper connector is connected to the [DC 13.8 V], or the voltage from an external power supply.
LHV1	The same voltage as the DCIN line which is passed through the internal fuse (MAIN unit, F1).
LHV2	The same voltage as the LHV1 line which is controlled by the [POWER] switch.
13.8	The same voltage as the LHV2 line which is passed through the switching relay (MAIN unit, RL1).
+8	Common 8 V line converted from the 13.8 line by the 8 V regulator circuit (MAIN unit, IC23).
+5	Common 5 V line converted from the 13.8 line by the 5 V regulator circuit (MAIN unit, IC17).
L+5	Common 5 V line converted from the LHV2 line by the L+5 regulator circuit (MAIN unit, IC38).
+24	Common 24 V line converted from the 13.8 line by the DC-DC convertor circuit (MAIN unit, Q51, Q52, L46) and +24 regulator circuit (MAIN unit, IC25). The output voltage is applied to the CONV, RF-B and PLL units.
−8	Common −8 V line converted from the 13.8 line by the DC-DC convertor circuit (MAIN unit, Q51, Q52, L46) and − 8 regulator circuit (MAIN unit, IC26). The output voltage is applied to the AGC and APF circuits, etc.
+16	Common 16 V line converted from the +24 line by the +16 regulator circuit (PLL unit, Q34, D20).
+8	Common 8 V line converted from the 13.8 line by the +8 regulator circuit (PLL unit, IC17).
+5	Common 5 V line converted from the 13.8 line by the +5 regulator circuit (PLL unit, IC16).
D+5	Common 5 V line converted from the 13.8 line by the D+5 regulator circuit (PLL unit, IC24).
MI5V	Receive 5 V line for RF signals above 30 MHz, which is converted from the +5 line by the MI5V regulator circuit (MAIN unit, Q35, Q36, D55). The output voltage is applied to the LO amplifier circuit(s) in the RF-B and MIX units.
HF5V	Receive 5 V line for RF signals below 30 MHz, which is converted from the +5 line by the HF5V regulator circuit (RF-A unit, Q13, Q17). The output voltage is applied to the LO amplifier circuits (RF-A unit, IC1, IC2).

4-4 PORT ALLOCATIONS

4-4-1 CPU (MAIN UNIT, IC33)

Pin number	Port name	Description
1	RES	Input port for reset signal.
9	POC	Outputs the switching relay (RL1) control signal.
10	MRXD	Input port for the sub CPU (DISP unit, IC1) data signal.
11	MTXD	Outputs data signal to the sub CPU (DISP unit, IC1).
13	VBSY	Input port for optional speech synthesizer busy signal. "High": During speech
19	Mdat	Outputs serial data signal.
20	Mck	Outputs serial clock signal.
21	VSTB	Outputs strobe signals to an optional speech synthesizer.
22–24	MST2 MST1 MST3	Outputs strobe signals to the output expander ICs in the MAIN unit (IC15, IC16, IC18).
25, 26	STBA STBC	Outputs strobe signals the output expander ICs in the RF-A unit (IC3, IC4).
27	STBB	Outputs strobe signals to the output expander IC in the CONV unit (IC10).
28	STBE	Outputs strobe signals to the convertor PLL circuit (CONV unit, IC4).
30	L1AD	Input port for 1st LO PLL lock voltage.
32	SMAD	Input port for S-meter signal.
33	CMAD	Input port for center indicator signal.
34	NOAD	Input port for noise level signal.
35	STOP	Input port for scan stop signal.
37	LVDA	Outputs tunable bandpass filter control signal.
39	VSC	Input port for VSC detected signal.
40	BEEP	Outputs beep audio signals.
41	Pdat	Outputs serial data signal for the PLL circuit
46	AFDA	Outputs amplifying gain control signal to the AF pre-amplifier circuit (IC20).
48	A15	Input port for initial matrix.
49–55	A14–A8	Address bus lines for the EEPROM (IC34).
57–64	A7–A0	Address bus lines for the EEPROM (IC34).
65–68	D0–D3	Data bus lines for the EEPROM (IC34).
69–71	D4–D6	Output port for initial matrix.
72	D7	Data bus line for the EEPROM (IC34).
78	TXD	Outputs CI-V control signals.
79	RXD	Input port for CI-V control signals.

UNIT NAME:
[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

4-4-2 SUB CPU (DISP UNIT, IC1)

Pin number	Port name	Description
1	APFV	Input port for the [APF] control.
9	$\overline{RES}$	Input port for reset signal.
22	SCL	Outputs clock signal to the EEPROM (IC6).
23	SDA	Outputs data signal to the EEPROM (IC6).
24	DIM	Outputs dimmer control signal. "High": Bright
25	REC	Outputs REC REMOTE control signal. "High": While squelch is opened.
77–80	P10–P13	Outputs key matrix signal to the SW-B board.
81	MET	Outputs meter drive signals in 14 bit PWM wave.
82	MDA	Input port for the [DIAL].
83, 84	P16, P17	Outputs key matrix signal to the SW-A board.
86	MTXD	Input port for data signal from the CPU (MAIN unit, IC33).
87	MRXD	Outputs data signal for the CPU (MAIN unit, IC33).
88	MDB	Input port for the [DIAL].
90–96	PB0–PB6	Input ports for key matrix.
97	AN7	Input port for the [AF GAIN].
98	AN8	Input port for the [SQUELCH].
99	DELV	Input port for the [DELAY/SPEED].
100	SFTV	Input port for the [IF SHIFT].

4-4-3 DDS ETC-LATCH (PLL UNIT, IC3)

Pin number	Port name	Description
68	FIL4	Outputs 768 MHz 2nd LO bandpass filter select signal.
69	FIL3	Outputs 256 MHz 2nd LO bandpass filter select signal.
70	VU	Outputs bandpass filter select signal. "Low" : While receiving RF signals above 30 MHz.
71	HF	Outputs bandpass filter select signal. "Low" : While receiving RF signals below 30 MHz.
72	VCO4	Outputs VCO (VCO-B board, Q3) select signal.
73	VCO3	Outputs VCO (VCO-B board, Q1) select signal.
74	VCO2	Outputs VCO (VCO-A board, Q3) select signal.
75	VCO1	Outputs VCO (VCO-A board, Q1) select signal.

4-4-4 I/O EXPANDER ICs

MAIN unit, IC15

Pin number	Port name	Description
4	FILC	Outputs optional CW-N filter select signal. "High": FL-52A is selected.
6	NBS1	Outputs noise blanker circuit control signal. "High": [NB] is turned ON.
7	NBS2	Outputs noise blanker circuit control signal. "High": [NB] is turned ON.
12	TSW2	Outputs APF circuit control signal. "High": While APF is activated.
13	TSW1	Outputs APF passband width control signal. "High": Narrow is selected.
14	AGCF	Outputs AGC time constant control signal. "High": AGC fast is selected.

MAIN unit, IC16

Pin number	Port name	Description
4	F1	Outputs bandpass filter select signal to the RF-B unit. "High": While receiving 30 to 89.99999 MHz RF signals.
5	F2	Outputs bandpass filter select signal to the RF-B unit. "High": While receiving 90 to 242.09999 MHz RF signals.
6	F3	Outputs bandpass filter select signal to the RF-B unit. "High": While receiving 242.1 to 499.99999 MHz RF signals.
7	F4	Outputs bandpass filter select signal to the RF-B unit. "High": While receiving 500 to 1024.99999 MHz RF signals.
11	MUTE	Outputs squelch switch control signal. "Low" : Squelched.
12	MI5V	Outputs MI5V regulator circuit control signal. "High": While receiving above 30 MHz RF signals.
13	FILS	Outputs bandpass filter select signal to the MIX unit. "High": 266.7 MHz bandpass filter is selected.
14	SW	Outputs bandpass filter select signal to the RF-B unit. "High": While receiving 754.1 to 1024.99999 MHz RF signals.

UNIT NAME:
[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

MAIN unit, IC18

Pin number	Port name	Description
4	WFM	Outputs WFM mode select signal.
5	FM	Outputs FM mode select signal.
6	/WFM	Outputs non-WFM mode select signal.
7	SSB	Outputs SSB mode select signal.
11	FIL3	Outputs 15 kHz bandpass filter select signal.
12	FIL2	Outputs 6 KHz bandpass filter select signal.
13	FIL1	Outputs 2.4 kHz bandpass filter select signal.
14	AM	Outputs AM mode select signal.

PLL unit, IC1

Pin number	Port name	Description
11	RST	Outputs reset signal.

PLL unit, IC2

Pin number	Port name	Description
4	STRB	Outputs strobe signal for the expander IC (IC1).
11	STDB	Outputs strobe signal for the BFO circuit (IC13).
12	STP2	Outputs strobe signal for the 2nd LO PLL IC (IC10).
13	STDA	Outputs strobe signal for the 1st LO PLL circuit (IC3).
14	STP1	Outputs strobe signal for the 1st LO PLL IC (IC5).

RF-A unit, IC3

Pin number	Port name	Description
4	B1	Outputs 0.1 to 0.49999 MHz bandpass filter select signal.
5	B2	Outputs 0.5 to 1.59999 MHz bandpass filter select signal.
6	B3	Outputs 1.6 to 1.99999 MHz bandpass filter select signal.
7	B4	Outputs 2.0 to 3.99999 MHz bandpass filter select signal.
11	B5	Outputs 4.0 to 7.99999 MHz bandpass filter select signal.
12	B6	Outputs 8.0 to 10.99999 MHz bandpass filter select signal.
13	B7	Outputs 11.0 to 14.99999 MHz bandpass filter select signal.
14	B8	Outputs 15.0 to 21.99999 MHz bandpass filter select signal.

RF-A unit, IC4

Pin number	Port name	Description
4	ANSW	Outputs [ANT2] select signal.
5	AT20	Outputs 20 dB attenuator control signal.
6	B9	Outputs 22.0 to 29.99999 MHz bandpass filter select signal.
7	PREF	Outputs 10 dB attenuator control signal. "High": While [10 dB] is ON.
13	HF5	Outputs HF5 V regulator circuit control signal.
14	PREO	Outputs 10 dB attenuator control signal. "High": While [10 dB] is OFF.

CONV unit, IC10

Pin number	Port name	Description
4	1GON	Outputs switching relay control signal. "High": While RF signals above 1025 MHz are received.
5	5MON	Outputs divider circuit (IC8) and LPF (L43–L45) control signal. "High": While 1025–1199.99999 MHz signals are received.
6	5MOF	Outputs divider circuit (IC8) and LPF (L47–L49) control signal. "High": While RF signals above 1200 MHz are received.
7	2ATF	Outputs 20 dB attenuator control signal. "High": While [20 dB] is OFF.
12	2ATN	Outputs 20 dB attenuator control signal. "High": While [20 dB] is ON.
13	1ATF	Outputs 10 dB attenuator control signal. "High": While [10 dB] is OFF.
14	1ATN	Outputs 10 dB attenuator control signal. "High": While [10 dB] is ON.

UNIT NAME:

[MAIN]→[MAIN-A], [RF-A]→[RF-C], [RF-B]→[RF-D], [MIX]→[MIX-A], [CONV]→[CONV-B], [PLL]→[PLL-B]

SECTION 5 ADJUSTMENT PROCEDURE

5-1 METER REFERENCE ADJUSTMENT

NOTE: *This adjustment is not necessary unless the CPU or EEPROM ICs are replaced. The set data would not be cleared by CPU resetting.*

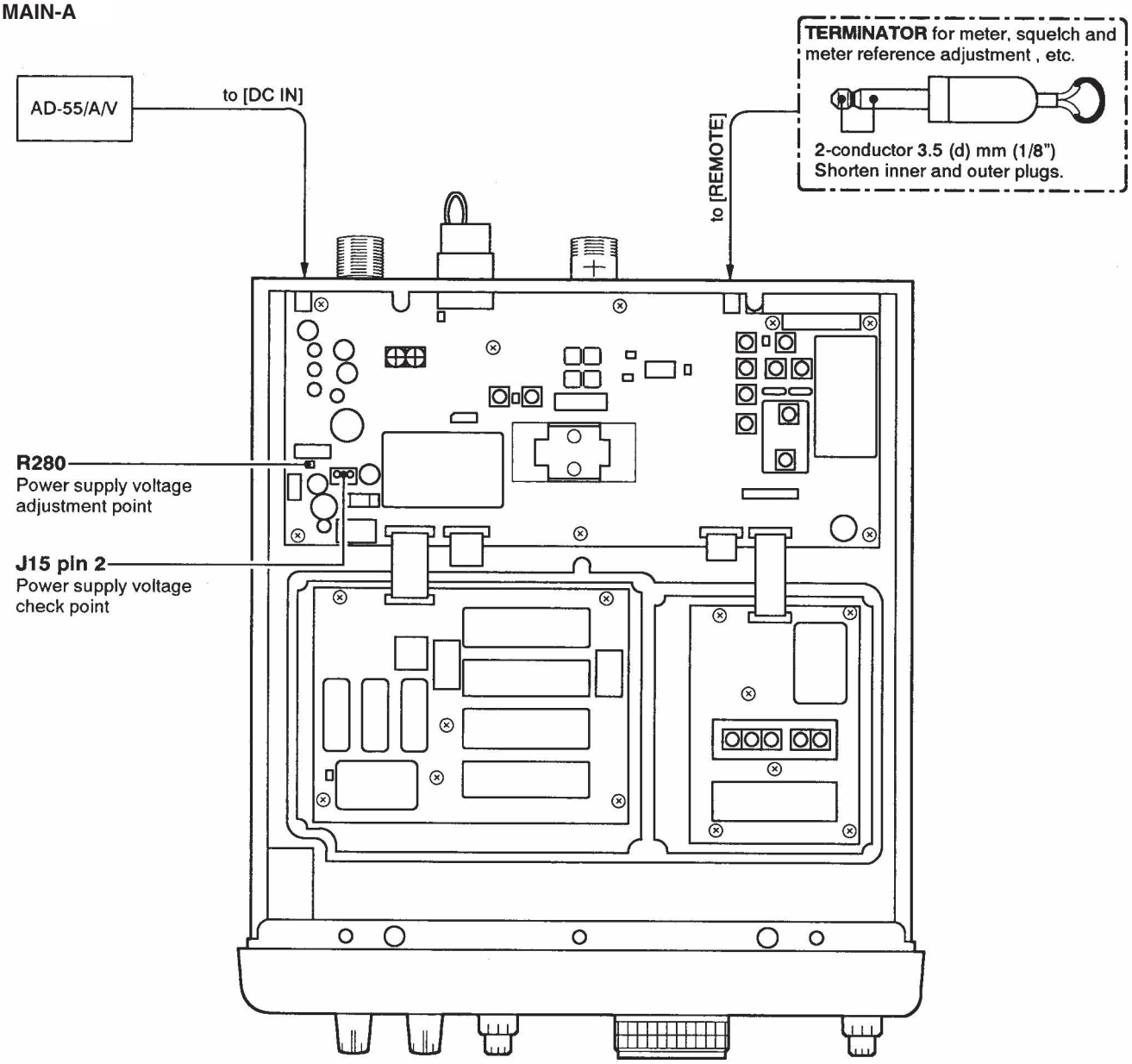
■ ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITIONS	DOT MATRIX DISPLAY	OPERATION
ENTERING ADJUSTMENT SET MODE		• Connect a terminator to the [REMOTE] connector on the rear panel. • While pushing the [M-CH] and [ENT] switches, turn power ON.	Push 0 1 2 3	Push [0] to enter meter reference set mode; use [M-CH] / [ENT] switch to select item.
METER INDICATION	1	• Set the meter indication to "S3" with the [DIAL].	SET S3	Push [M-CH].
	2	• Set the meter indication to "S5" with the [DIAL].	SET S5	Push [M-CH].
	3	• Set the meter indication to "S7" with the [DIAL].	SET S7	Push [M-CH].
	4	• Set the meter indication to "S9" with the [DIAL].	SET S9	Push [M-CH].
	5	• Set the meter indication to "S9+20" with the [DIAL].	SET S9+20	Push [M-CH].
	6	• Set the meter indication to "S9+40" with the [DIAL].	SET S9+40	Push [M-CH].
	7	• Set the meter indication to "S9+60" with the [DIAL].	SET S9+60	Push [M-CH].

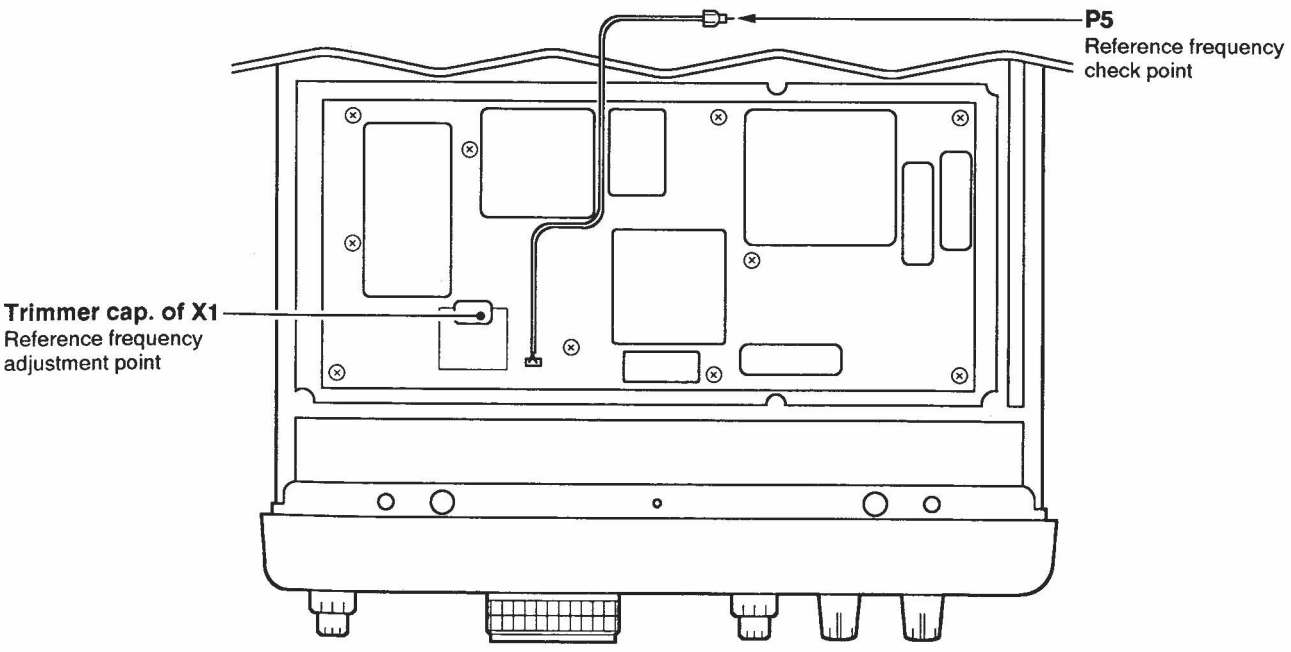
5-2 POWER SUPPLY VOLTAGE AND PLL ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITIONS	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
POWER SUPPLY VOLTAGE	1	• Connect an AD-55 to the [DC IN]. • Displayed freq. : 1100.000 MHz • Mode : Any • Receiving	MAIN-A	Connect a voltmeter to J15 pin 2.	12.5 V	MAIN-A	R280
REFERENCE FREQUENCY	1	• Displayed freq. : Any • Mode : Any	PLL-B	Connect a frequency counter to P5.	15.100000 MHz	PLL-B	The trimmer capacitor of X1
	2			Connect an RF voltmeter (50 Ω impedance) to P5.	2 dBm ±3 dB		Verify

• **MAIN-A**


AD-55/A/V
to [DC IN]
to [REMOTE]
TERMINATOR for meter, squelch and meter reference adjustment , etc.
2-conductor 3.5 (d) mm (1/8")
Shorten inner and outer plugs.
R280
Power supply voltage adjustment point
J15 pin 2
Power supply voltage check point

• **PLL-B**

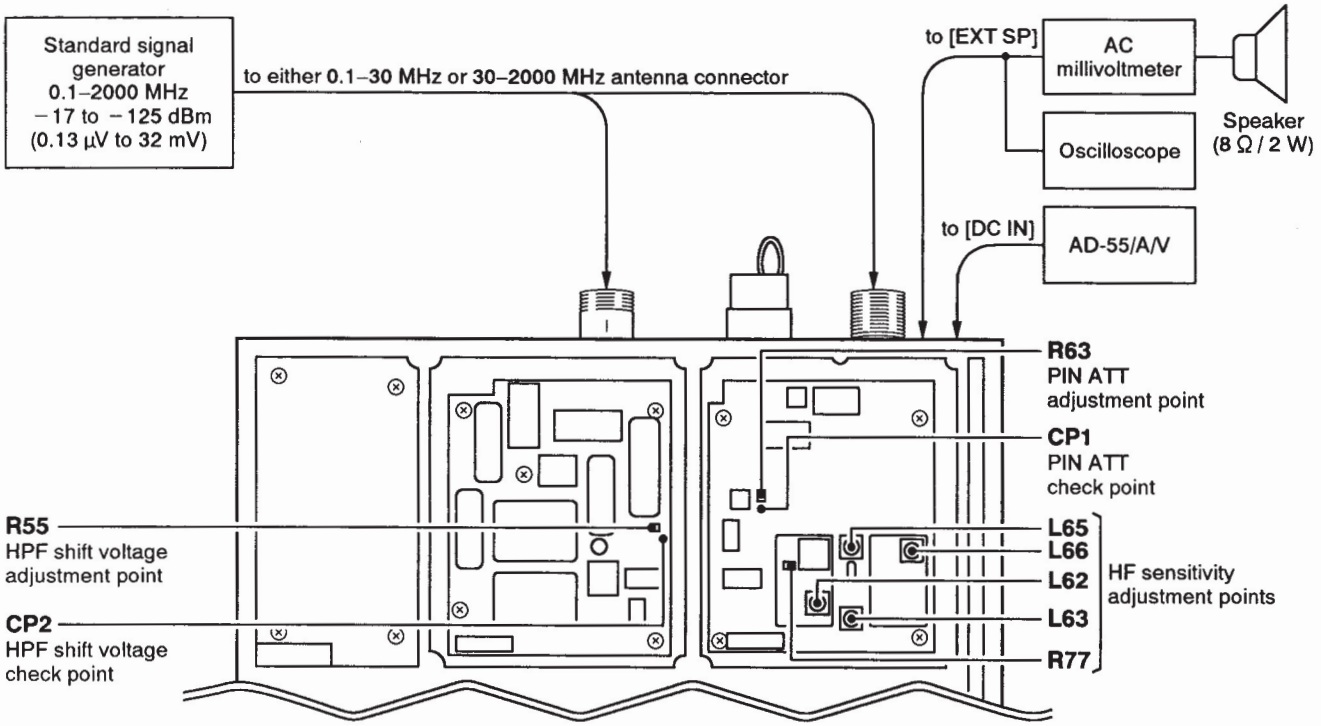

P5
Reference frequency check point
Trimmer cap. of X1
Reference frequency adjustment point

5-3 RECEIVER ADJUSTMENT

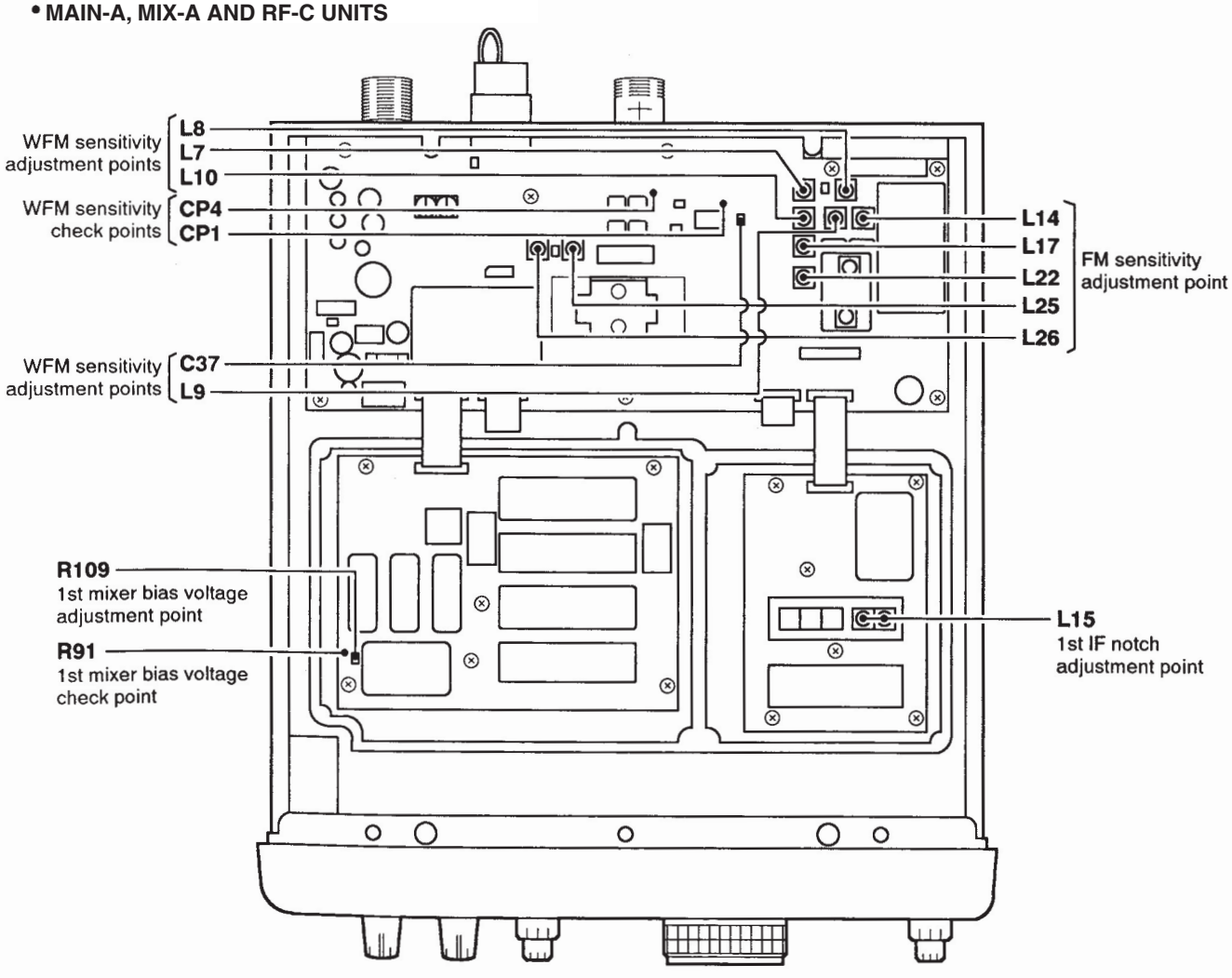
ADJUSTMENT		ADJUSTMENT CONDITIONS	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
PIN ATT	1	• Displayed freq. : 14.10000 MHz • Mode : USB • Receiving	RF-C	Connect a digital multimeter to CP1.	1.7 V	RF-C	R63
HF SENSITIVITY	1	• Displayed freq. : 14.09850 MHz • Mode : USB • [10dB] : ON • [AGC] : Fast • Connect an SSG to the antenna connector for 0.1–30 MHz (50 Ω ANT) and set as; Frequency : 14.10000 MHz Level : 0.56 µV (–112 dBm) Modulation : OFF • Receiving	Rear panel	Connect an AC voltmeter to the [EXT SP] with an 8 Ω load.	Maximum output level		Adjust in sequence L65, L66, L63, L62 repeatedly
	2	• Set the SSG output level : OFF • Receiving			Minimum output level		R77
1ST MIXER BIAS VOLTAGE	1	• Displayed freq. : 173.00000 MHz • Disconnect J4. • Receiving	RF-D	Connect a digital multimeter to both terminal of R91.	0.2 V	RF-D	R109
HPF SHIFT VOLTAGE	1	• Displayed freq. : 1300.00000 MHz • Mode : FM • Receiving	CONV-B	Connect a digital multimeter to CP2.	14.5 V	CONV-B	R55
	2	• Displayed freq. : 1100.00000 MHz • Receiving			3.0 V ±1.0 V		Verify
NOTE: Before adjusting WFM SENSITIVITY, 5-4 RF-C BPF TUNED VOLTAGE ADJUSTMENT must be performed.							
WFM SENSITIVITY	1	• Displayed freq. : 173.02000 MHz • Mode : WFM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level : 1 mV (– 47 dBm) Modulation : 1 kHz Deviation : ±75 kHz • Receiving	MAIN-A	Connect a digital multimeter to CP1.	2.5 V	MAIN-A	C37
	2	• Set the SSG output level : 3.2 µV* (–97 dBm) • Receiving		Connect a digital multimeter to CP4.	Minimum level		Adjust in sequence L7, L8, L9, L10 repeatedly
	3			Connect a digital multimeter to CP1.	2.45 V		C37
FM SENSITIVITY	1	• Displayed freq. : 173.02000 MHz • Mode : FM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 173.02000 MHz Level : 3.2 µV* (–97 dBm) Modulation : 1 kHz Deviation : ±5 kHz • Receiving	Front panel	S-meter	Maximum level	MAIN-A	Adjust in sequence L14, L17, L22, L25, L26 repeatedly
	2	• Set the SSG output level : 0 dBµ* (–107 dBm) • Receiving	MAIN-A	Connect a digital multimeter to CP5.	2.45 V	MAIN-A	R60
1ST IF NOTCH	1	• Displayed freq. : 788.60000 MHz • Mode : FM • Connect an SSG to the antenna connector for 30–2000 MHz and set as; Frequency : 810.00000 MHz Level : 32 mV* (– 17 dBm) Modulation : 1 kHz Deviation : ±75 kHz • Receiving	Front panel	S-meter	Maximum level	MIX-A	L15

*This output level of the SSG is indicated as SSG's open circuit.

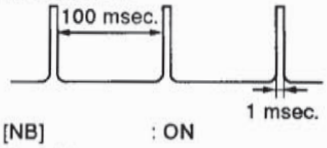
• **CONBV-B AND RF-C UNITS**



• **MAIN-A, MIX-A AND RF-C UNITS**

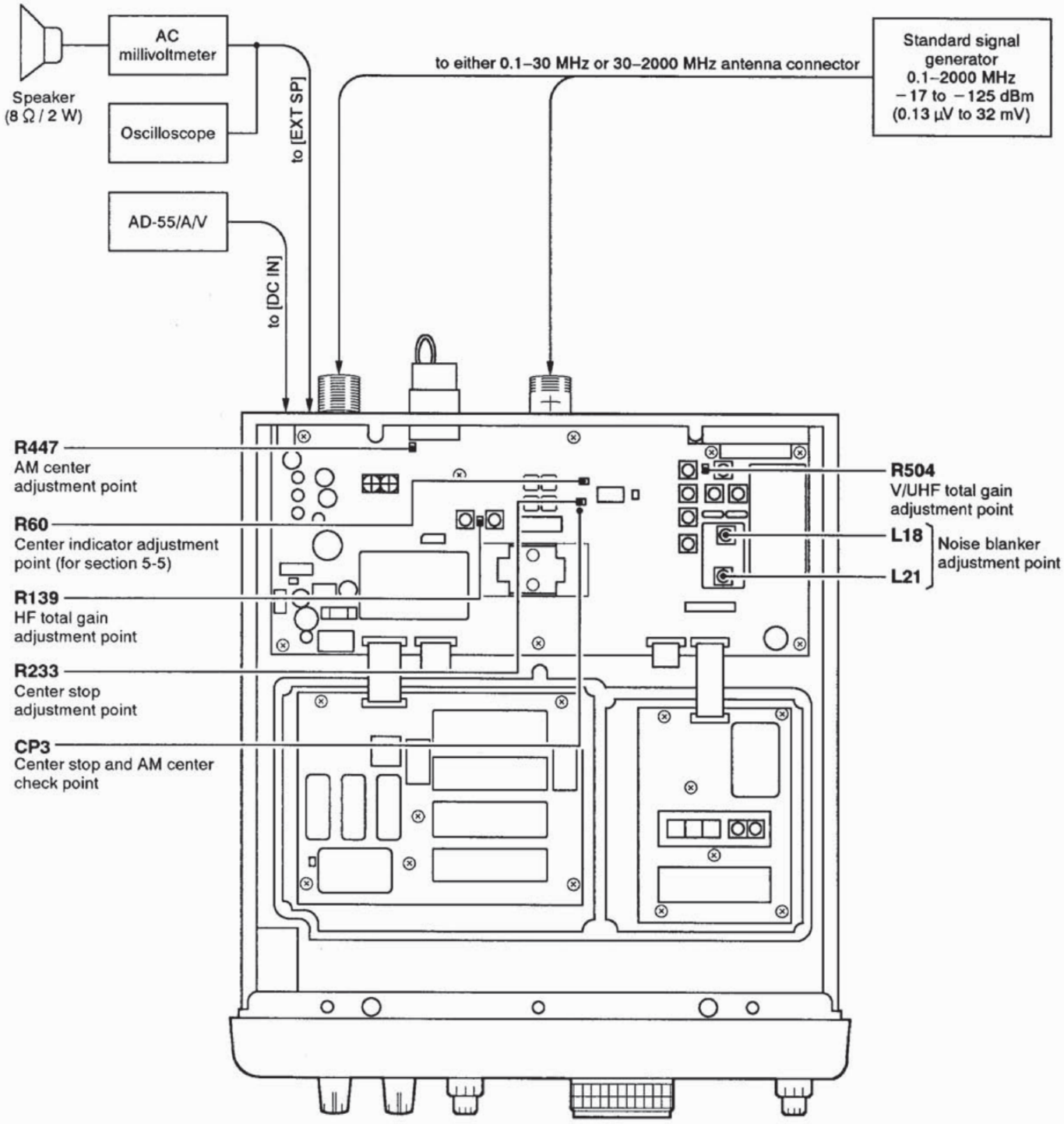


RECEIVER ADJUSTMENT (CONTINUED)

ADJUSTMENT		ADJUSTMENT CONDITIONS	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
HF TOTAL GAIN	1	• Displayed freq. : 14.09850 MHz • Mode : USB • Connect an SSG to the antenna connector for 0.1–30 MHz (50 Ω ANT) and set as: Frequency : 14.10000 MHz Level : 1 mV* (−47 dBm) Modulation : OFF • Receiving	Rear panel	Connect an AC millivoltmeter to the [EXT SP] jack with an 8 Ω load.	1.5 kHz audio	Front panel	[DIAL]
					1.0 V (0 dB)		[AF GAIN]
	2	• Set an SSG level as: OFF			100 mV (−20 dB)	MAIN-A	R139
V/UHF TOTAL GAIN	1	• Displayed freq. : 173.0185 MHz • Mode : USB • Connect an SSG to the antenna connector for 30–2000 MHz and set as: Frequency : 173.02000 MHz Level : 1 mV* (−47 dBm) Modulation : OFF • Receiving	Rear panel	Connect an AC millivoltmeter to the [EXT SP] jack with an 8 Ω load.	1.5 kHz audio	Front panel	[DIAL]
					1.0 V (0dB)		[AF GAIN]
	2	• Set an SSG level as: OFF			100 mV (−20 dB)	MAIN-A	R504
NOISE BLANKER	1	• Displayed freq. : 173.00000 MHz • Mode : USB • Connect an SSG to the antenna connector for 30–2000 MHz and set as: Level : 10 µV* (−87 dBm) and apply following signal to the antenna connector.  • [NB] : ON • Receiving	Rear panel	Connect an oscilloscope to the [EXT SP] jack with an 8 Ω load.	Minimum noise level	MAIN-A	L18, L21
CENTER STOP	1	• Displayed freq. : 173.02000 MHz ± ⊿f • Mode : FM • Connect an SSG to the antenna connector for 30–2000 MHz and set as: Frequency : 173.02000 MHz Level : 32 µV* (−77 dBm) Modulation : OFF • Receiving	MAIN-A	Connect an oscilloscope to CP3.	At the point where the voltage just becomes 0 V for equidistant values both above and below the displayed frequency in 100 Hz tuning steps.	MAIN-A	R233
AM CENTER	1	• Displayed freq. : 173.01870 MHz and 173.01890 MHz • Mode : AM • Connect an SSG to the antenna-connector for 30–2000 MHz and set as: Frequency : 173.02000 MHz Level : 32 µV* (−77 dBm) Modulation : OFF • Receiving	MAIN-A	Connect an oscilloscope to CP3.	At the point where the voltage just becomes 0 V at 173.01870 MHz and 5 V at 173.01890 MHz.	MAIN-A	R447

*This output level of a standard signal generator (SSG) is indicated as SSG's open circuit.

• **MAIN-A UNIT**


Speaker
(8 Ω / 2 W)
AC millivoltmeter
Oscilloscope
AD-55/A/V
to [EXT SP]
to [DC IN]
to either 0.1–30 MHz or 30–2000 MHz antenna connector
Standard signal generator
0.1–2000 MHz
−17 to −125 dBm
(0.13 µV to 32 mV)
R447
AM center adjustment point
R60
Center indicator adjustment point (for section 5-5)
R139
HF total gain adjustment point
R233
Center stop adjustment point
CP3
Center stop and AM center check point
R504
V/UHF total gain adjustment point
L18
L21
Noise blanker adjustment point

5-4 RF-C BPF TUNED VOLTAGE ADJUSTMENT

■ ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITIONS	DOT MATRIX DISPLAY	OPERATION
ENTERING ADJUSTMENT SET MODE		• Connect a terminator to the [REMOTE] connector on the rear panel. • While pushing the [M-CH] and [ENT] switches, turn power ON.	Push 0 1 2 3	Push [1] to enter RF-B BPF tuned voltage set mode; use [M-CH] / [ENT] switches to select item.
RF-C BPF TUNED VOLTAGE	1	• Connect an SSG to the antenna connector for 30--2000 MHz and set as: Frequency : Same freq. as displayed Level : 50 µV* (−73 dBm) Modulation: OFF • Receiving	BPF1 30.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	2	• Set an SSG frequency as displayed.	BPF1 45.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	3	• Set an SSG frequency as displayed.	BPF1 60.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	4	• Set an SSG frequency as displayed.	BPF1 75.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	5	• Set an SSG frequency as displayed.	BPF1 89.9M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	6	• Set an SSG frequency as displayed.	BPF2 90.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	7	• Set an SSG frequency as displayed.	BPF2 128.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	8	• Set an SSG frequency as displayed.	BPF2 166.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	9	• Set an SSG frequency as displayed.	BPF2 204.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	10	• Set an SSG frequency as displayed.	BPF2 242.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	11	• Set an SSG frequency as displayed.	BPF3 242.1M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	12	• Set an SSG frequency as displayed.	BPF3 307.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].

*This output level of a standard signal generator (SSG) is indicated as SSG's open circuit.

■ RF-C BPF TUNED VOLTAGE ADJUSTMENT(continued)

ADJUSTMENT		ADJUSTMENT CONDITIONS	DOT MATRIX DISPLAY	OPERATION
RF-C BPF TUNED VOLTAGE	13	• Set an SSG frequency as displayed.	BPF3 371.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	14	• Set an SSG frequency as displayed.	BPF3 435.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	15	• Set an SSG frequency as displayed.	BPF3 499.9M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	16	• Set an SSG frequency as displayed.	BPF4 500.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	17	• Set an SSG frequency as displayed.	BPF4 563.5M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	18	• Set an SSG frequency as displayed.	BPF4 627.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	19	• Set an SSG frequency as displayed.	BPF4 690.5M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	20	• Set an SSG frequency as displayed.	BPF4 754.0M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	21	• Set an SSG frequency as displayed.	BPF5 754.1M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	22	• Set an SSG frequency as displayed.	BPF5 821.5M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	23	• Set an SSG frequency as displayed.	BPF5 894.1M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	24	• Set an SSG frequency as displayed.	BPF5 956.5M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].
	25	• Set an SSG frequency as displayed.	BPF5 1024.9M	• Turn the [DIAL] until the S-meter indicates maximum level, then push and hold [M-CH].

*This output level of a standard signal generator (SSG) is indicated as SSG's open circuit.

5-5 NOISE SQUELCH, S-METER AND CENTER INDICATOR ADJUSTMENT

■ ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITIONS	DOT MATRIX DISPLAY	OPERATION
ENTERING ADJUSTMENT SET MODE		• Connect a terminator to the [REMOTE] connector on the rear panel. • While pushing the [M-CH] and [ENT] switches, turn power ON.	Push 0 1 2 3	Push [2] to enter RF-C BPF tuned volteage set mode; use [M-CH] / [ENT] switches to select item.
NOISE SQUELCH	27	• Connect an SSG to the antenna connector for 30–2000 MHz and set as: Frequency : 173.02000 MHz Level : 0.13 µV* (–125 dBm) Modulation : 1 kHz Deviation : ± 3.5 kHz • Receiving	NOISE スレッショ	• Push and hold the [M-CH].
	28	• Set an SSG level as: 0.4 µV* (–115 dBm)	NOISE タイト	• Push and hold the [M-CH].
S-METER	29	• Set an SSG level as: 0.4 µV* (–115 dBm)	SIG S0	• Push and hold the [M-CH].
	30	• Set an SSG level as: 1.3 µV* (–105 dBm)	SIG S0	• Push and hold the [M-CH].
	31	• Set an SSG level as: 0.79 µV* (–109 dBm)	SIG S3	• Push and hold the [M-CH].
	32	• Set an SSG level as: 2.0 µV* (–101 dBm)	SIG S3	• Push and hold the [M-CH].
	33	• Set an SSG level as: 3.2 µV* (–97 dBm)	SIG S5	• Push and hold the [M-CH].
	34	• Set an SSG level as: 3.2 µV* (–97 dBm)	SIG S5	• Push and hold the [M-CH].
	35	• Set an SSG level as: 13 µV* (–85 dBm)	SIG S7	• Push and hold the [M-CH].
	36	• Set an SSG level as: 13 µV* (–85 dBm)	SIG S7	• Push and hold the [M-CH].
	37	• Set an SSG level as: 50 µV* (–73 dBm)	SIG S9	• Push and hold the [M-CH].
	38	• Set an SSG level as: 50 µV* (–73 dBm)	SIG S9	• Push and hold the [M-CH].
	39	• Set an SSG level as: 500 µV* (–53 dBm)	SIG S9+20	• Push and hold the [M-CH].
	40	• Set an SSG level as: 500 µV* (–53 dBm)	SIG S9+20	• Push and hold the [M-CH].
	41	• Set an SSG level as: 5 mV* (–33 dBm)	SIG S9+40	• Push and hold the [M-CH].
	42	• Set an SSG level as: 5 mV* (–33 dBm)	SIG S9+40	• Push and hold the [M-CH].
	43	• Set an SSG level as: 50 mV* (–13 dBm)	SIG S9+60	• Push and hold the [M-CH].
	44	• Set an SSG level as: 50 mV* (–13 dBm)	SIG S9+60	• Push and hold the [M-CH].
CENTER INDICATOR	45	• Set an SSG level as: 32 µV* (–77 dBm)	WFM センタキオク	• Push and hold the [M-CH].
	46	• Set an SSG level as: 32 µV* (–77 dBm)	FM センタセット	• Adjust R60 (MAIN unit) to the S-meter indicates maximum level (around S9). • Push the [M-CH].

*This output level of a standard signal generator (SSG) is indicated SSG's open circuit.

5-6 S-METER FLAT ADJUSTMENT

■ ADJUSTMENT

ADJUSTMENT		ADJUSTMENT CONDITIONS	DOT MATRIX DISPLAY	OPERATION
ENTERING ADJUSTMENT SET MODE		• Connect a terminator to the [REMOTE] connector on the rear panel. • While pushing the [M-CH] and [ENT] switches, turn power ON.	Push 0 1 2 3	Push [3] to enter S-meter flat set mode. Once entering mode, use [M-CH] / [ENT] switches to select item.
S-METER FLAT	48	• Connect an SSG to the antenna connector for 0.1–30 MHz (50 Ω ANT) and set as: Frequency : Same freq. as displayed Level : 50 µV* (−73 dBm) Modulation: OFF • Receiving	SIG_F 0.3M	• Pushing and holding the [M-CH].
	49	• Set an SSG frequency as displayed.	SIG_F 1.0M	• Pushing and holding the [M-CH].
	50	• Set an SSG frequency as displayed.	SIG_F 1.8M	• Pushing and holding the [M-CH].
	51	• Set an SSG frequency as displayed.	SIG_F 3.0M	• Pushing and holding the [M-CH].
	52	• Set an SSG frequency as displayed.	SIG_F 6.0M	• Pushing and holding the [M-CH].
	53	• Set an SSG frequency as displayed.	SIG_F 9.5M	• Pushing and holding the [M-CH].
	54	• Set an SSG frequency as displayed.	SIG_F 13.0M	• Pushing and holding the [M-CH].
	55	• Set an SSG frequency as displayed.	SIG_F 18.5M	• Pushing and holding the [M-CH].
	56	• Set an SSG frequency as displayed.	SIG_F 26.0M	• Pushing and holding the [M-CH].
	57	• Connect an SSG to the antenna connector for 30–2000 MHz and set as: Frequency : Same freq. as displayed Level : 50 µV* (−73 dBm) Modulation: OFF • Receiving	SIG_F 1127.0M	• Pushing and holding the [M-CH].
	58	• Set an SSG frequency as displayed.	SIG_F 1204.0M	• Pushing and holding the [M-CH].
	59	• Set an SSG frequency as displayed.	SIG_F 1371.0M	• Pushing and holding the [M-CH].
	60	• Set an SSG frequency as displayed.	SIG_F 1627.0M	• Pushing and holding the [M-CH].
	61	• Set an SSG frequency as displayed.	SIG_F 1894.1M	• Pushing and holding the [M-CH].
	62	• Set an SSG frequency as displayed.	SIG_F 1990.0M	• Pushing and holding the [M-CH].
	63	• Set an SSG frequency as displayed.	SIG_F 1999.9M	• Pushing and holding the [M-CH].

*This output level of a standard signal generator (SSG) is indicated SSG's open circuit.

SECTION 6 PARTS LIST

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
ME1	5510000440	MTR	ME-36 (KL-218U-49) RX1768		
S1	2260001260	SW	SW-118 (SDDFA3)		
S2	2250000330	ECR	SW-163 (EC24B1AB0)		
W8	8900006680	CBL	OPC-643 (N:14 L:80)		
W9	8900006690	CBL	OPC-644 (N:9 L:80)		
W10	8900006700	CBL	OPC-645 (N:6 L:60)		
W11	8900006700	CBL	OPC-645 (N:6 L:60)		
WS1	8600035430		RX1768 P01FR		
WS2	8600035440		RX1768 P02FR		
EP1	6450001230	E.OTH	HLJ0999-01-480		

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1140006021	S.IC	HD6433833A74HV (RX-1768)		
IC2	1130007960	S.IC	SED1522F0C (QFP15-100PIN		
IC4	1110005711	S.IC	S-80842CLUA-B63-T2G		
IC5	1180001111	S.IC	PQ20VZ51J00H S		
IC6	1140009211	S.IC	CAT24C01BW-TE13		
Q1	1530002280	S.TR	2SC4081 T106 S		
Q2	1590000720	S.TR	DTA144EUA T106		
Q3	1590000430	S.TR	DTC144EUA T106		
Q4	1590000720	S.TR	DTA144EUA T106		
Q5	1590000430	S.TR	DTC144EUA T106		
Q6	1590000680	S.TR	DTC114EUA T106		
Q7	1590000430	S.TR	DTC144EUA T106		
D1	1750000550	S.DIO	1SS355 TE-17		
D2	1750000550	S.DIO	1SS355 TE-17		
X1	6050009660	S.XTL	MA-406 (9.8304 MHz)		
X1	6050009661	S.XTL	MA-406 (9.8304 MHz-F)		
R1	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R2	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R3	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R4	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R5	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R6	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R7	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R8	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R9	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R10	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R11	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R12	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R13	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R14	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R15	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R17	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R18	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R19	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R20	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R21	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R22	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)		
R23	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R24	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R25	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)		
R26	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R27	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R28	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R29	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R30	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R31	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R32	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)		
R33	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R34	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R35	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)		
R36	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R37	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R38	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)		
R39	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)		
R40	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)		
R41	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R42	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R43	7210002850	VAR	RV-305 (RK09L1140) 10KB		
R44	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R45	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R46	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R47	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)		
R49	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)		
R50	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)		
R51	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)		
R52	7030003320	S.RES	ERJ3GEYJ 101 V (100)		
R53	7030003320	S.RES	ERJ3GEYJ 101 V (100)		
R54	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)		
R55	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)		
R56	7030006060	S.RES	ERJ12YJ100U (10)		
R57	7030006060	S.RES	ERJ12YJ100U (10)		
C1	4030007020	S.CER	C1608 CH 1H 120J-T		
C2	4030007020	S.CER	C1608 CH 1H 120J-T		
C3	4030006900	S.CER	C1608 JB 1H 103K-T		
C4	4030006900	S.CER	C1608 JB 1H 103K-T		
C5	4510004650	S.ELE	ECEV1EA4R7SR		
C5	4510009280	S.ELE	EEE1EA4R7SR		
C7	4030006900	S.CER	C1608 JB 1H 103K-T		
C9	4510004630	S.ELE	ECEV1CA100SR		
C9	4510008540	S.ELE	EEE1CA100SR		
C10	4030006860	S.CER	C1608 JB 1H 102K-T		
C11	4030006860	S.CER	C1608 JB 1H 102K-T		
C12	4030009000	S.CER	C2012 JB 1C 224K-T		
C13	4030006900	S.CER	C1608 JB 1H 103K-T		
C14	4030006900	S.CER	C1608 JB 1H 103K-T		
C15	4030006880	S.CER	C1608 JB 1H 472K-T		
C16	4030006880	S.CER	C1608 JB 1H 472K-T		
C17	4030006880	S.CER	C1608 JB 1H 472K-T		
C18	4030006880	S.CER	C1608 JB 1H 472K-T		
C19	4030006880	S.CER	C1608 JB 1H 472K-T		
C20	4030006900	S.CER	C1608 JB 1H 103K-T		
C21	4030006900	S.CER	C1608 JB 1H 103K-T		
C22	4030006900	S.CER	C1608 JB 1H 103K-T		
RL1	6330001350	S.RLY	ATQ203SA [OTH-02]		
	6330001420	S.RLY	ATQ203SAZ [EUR-01]		
J1	6510019370	S.CNR	B3B-ZR-SM3-TF		
J2	6510019281	S.CNR	52610-0971 (0990)		
J3	6510019291	S.CNR	52610-1471 (1490)		
J4	6510019361	S.CNR	52610-0671 (0690)		
J5	6510019361	S.CNR	52610-0671 (0690)		
J6	6510019371	S.CNR	B3B-ZR-SM4-TF (LF) (SN)		
J8	6510003401	CNR	B04B-EH-S (LF) (SN)		
DS1	5030001360	LCD	DLC-7982YBGT		
DS2	5080000370	LMP	HRS-4160A		
DS3	5080000370	LMP	HRS-4160A		
DS4	5080000370	LMP	HRS-4160A		
DS5	5080000370	LMP	HRS-4160A		
S1	2230000970	SW	ESB-64620		
W1	7120000380	JMP	JPW 01 R-01		
W2	7120000380	JMP	JPW 01 R-01		
WS1	8600035450		RX1768 P01*J07DI		
EP2	8930041151	LCT	SRCN-1768-SP-N-W-1		

[SW-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
J1	6510019621	CNR	52030-0929 (0910)		

[SW-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
J1	6510019631	CNR	52030-1429 (1410)		

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

[VR-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7210002860	VAR	RV-306 (RK0972210) 10KB/10KB		
J1	6510019361	S.CNR	52610-0671 (0690)		

[VR-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7210002870	VAR	RV-307 (RK0972210) 10KB		
J1	6510019361	S.CNR	52610-0671 (0690)		

[JACK UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R1	7030000300	S.RES	MCR10EZHJ 220 (221)		
R2	7030000300	S.RES	MCR10EZHJ 220 (221)		
R3	7030000300	S.RES	MCR10EZHJ 220 (221)		
R4	7030000300	S.RES	MCR10EZHJ 220 (221)		
C1	4030006900	S.CER	C1608 JB 1H 103K-T		
C2	4030006900	S.CER	C1608 JB 1H 103K-T		
C3	4030006900	S.CER	C1608 JB 1H 103K-T		
C4	4030006900	S.CER	C1608 JB 1H 103K-T		
C5	4030006900	S.CER	C1608 JB 1H 103K-T		
J1	6450001440	CNR	HSJ1403-01-010		
J2	6450001440	CNR	HSJ1403-01-010		
J3	6450001250	CNR	HLJ4306-01-3070		
WS1	8600036940		RX1768 P01*02*J04JA (A) #05, #06, [EUR-01]		

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1130007700	S.IC	BU4094BCF-E2	T	70/53.8
IC2	1130007700	S.IC	BU4094BCF-E2	T	85.6/53.8
IC3	1140007881	S.IC	TC190G08EFG0046JDZ/SC1246A	T	74.1/89.9
IC4	1130003831	S.IC	TC7S04F (TE85R,F)	T	90.2/98.6
IC5	1140006720	S.IC	LMX2316TMX/NOPB	T	133.6/98.5
IC6	1110003310	S.IC	uPC1688G-T1	T	218.9/89.2
IC7	1130003831	S.IC	TC7S04F (TE85R,F)	T	57.8/91.5
IC8	1110000960	S.IC	NJM4558M-TE1	T	99.5/32.6
IC9	1110004080	S.IC	uPC2709T-E3	T	213.9/81.4
IC10	1140006720	S.IC	LMX2316TMX/NOPB	T	126/27.5
IC11	1120002820	S.IC	SN74LS90NSR	T	74.4/32.2
IC12	1110003310	S.IC	uPC1688G-T1	T	142.1/30.2
IC13	1140004550	S.IC	M65343FP/SC1287	T	21.5/81
IC15	1140004550	S.IC	M65343FP/SC1287	T	27.4/48.3
IC16	1180001071	S.IC	TA7805F (TE16L,Q)	T	218.7/10.5
IC17	1180001521	S.IC	MC7808CD2TR4G	T	221.5/29.5
IC18	1130003831	S.IC	TC7S04F (TE85R,F)	T	38.9/51.2
IC19	1130003831	S.IC	TC7S04F (TE85R,F)	T	24/69.4
IC20	1140003831	S.IC	TC4W66F (TE12L,F)	T	133.3/75.6
IC21	1130003831	S.IC	TC7S04F (TE85R,F)	T	55.6/37.4
IC22	1110004460	S.IC	uPB1509GV-E1	T	232.2/66.8
IC23	1110004460	S.IC	uPB1509GV-E1	T	163.7/11
IC24	1180001071	S.IC	TA7805F (TE16L,Q)	T	231.9/19.3
Q2	1560000331	S.FET	2SK210-GR (TE85R,F)	T	112.5/83.6
Q3	1530002060	S.TR	2SC4081 T106 R	T	117/85.1
Q7	1590000430	S.TR	DTC144EUA T106	T	89/62.4
Q8	1590000430	S.TR	DTC144EUA T106	T	75.2/45.2
Q9	1590000720	S.TR	DTA144EUA T106	T	75.2/42.6
Q10	1590001001	S.TR	RN2427 (TE85R,F)	T	168.7/41.2
Q11	1590000680	S.TR	DTC114EUA T106	T	166.8/44
Q12	1590001001	S.TR	RN2427 (TE85R,F)	T	181.2/41.1
Q13	1590000720	S.TR	DTA144EUA T106	T	84.6/46
Q14	1560000401	S.FET	2SK536-TB-E	T	114.6/26.8
Q15	1530002051	S.TR	2SC3661-TB-E	T	107.9/25.1
Q21	1590000430	S.TR	DTC144EUA T106	T	88.2/40.1
Q22	1590000720	S.TR	DTA144EUA T106	T	85.6/39.4
Q24	1590000430	S.TR	DTC144EUA T106	T	87.4/45.2
Q25	1590000720	S.TR	DTA144EUA T106	T	87.2/42.6
Q28	1530002060	S.TR	2SC4081 T106 R	T	18.1/94.1
Q31	1530002060	S.TR	2SC4081 T106 R	T	14.5/44.8
Q32	1510000510	S.TR	2SA1576A T106R	T	133.2/80.5
Q33	1530002060	S.TR	2SC4081 T106 R	T	125.6/81
Q34	1530002051	S.TR	2SC3661-TB-E	T	7/14.4

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
Q36	1590000680	S.TR	DTC114EUA T106	T	179.2/44.1
Q37	1590000430	S.TR	DTC144EUA T106	T	81.6/46.2
Q38	1510000510	S.TR	2SA1576A T106R	T	130.6/79.6
Q39	1530002060	S.TR	2SC4081 T106 R	T	125.6/78.5
Q40	1590000720	S.TR	DTA144EUA T106	T	140.9/71.1
Q41	1590000680	S.TR	DTC114EUA T106	T	140.9/68.1
Q42	1530002060	S.TR	2SC4081 T106 R	T	133.1/83.5
Q43	1510000510	S.TR	2SA1576A T106R	T	125.9/83.6
Q44	1510000510	S.TR	2SA1576A T106R	T	105.9/98.4
Q45	1530002060	S.TR	2SC4081 T106 R	T	102.1/99.9
Q46	1590000430	S.TR	DTC144EUA T106	T	197.4/44.8
Q47	1590001021	S.TR	RN2424 (TE85R,F)	T	201/43.8
Q48	1530002060	S.TR	2SC4081 T106 R	T	230.8/73.5
Q49	1590000430	S.TR	DTC144EUA T106	T	155.8/35.4
Q50	1590001021	S.TR	RN2424 (TE85R,F)	T	152.8/34.4
Q51	1530002060	S.TR	2SC4081 T106 R	T	170.1/12.7
Q52	1590000430	S.TR	DTC144EUA T106	T	186.2/33.8
Q53	1590000720	S.TR	DTA144EUA T106	T	189.2/33.8
Q54	1590000430	S.TR	DTC144EUA T106	T	186.2/36.4
Q55	1590000720	S.TR	DTA144EUA T106	T	189.2/36.4
D1	1790000540	S.VCP	MA338 (TX)	T	102.5/80.3
D2	1790000540	S.VCP	MA338 (TX)	T	104.6/80.3
D4	1750000111	S.DIO	1SS272 (TE85R,F)	T	78.7/41
D5	1750000111	S.DIO	1SS272 (TE85R,F)	T	175.1/42.1
D6	1750000111	S.DIO	1SS272 (TE85R,F)	T	187.4/42.1
D7	1750000211	S.DIO	1SV237 (TE85R,F)	T	219.8/76.4
D8	1750000111	S.DIO	1SS272 (TE85R,F)	T	108.5/21.3
D17	1750000211	S.DIO	1SV237 (TE85R,F)	T	141.3/22.7
D18	1750000211	S.DIO	1SV237 (TE85R,F)	T	134.1/9.3
D19	1750000211	S.DIO	1SV237 (TE85R,F)	T	117.7/10.5
D20	1730002420	S.ZEN	MA8160 (TX)	T	11.1/17.8
D23	1750000111	S.DIO	1SS272 (TE85R,F)	T	165.1/41.2
D25	1750000211	S.DIO	1SV237 (TE85R,F)	T	215.8/75.4
D26	1750000211	S.DIO	1SV237 (TE85R,F)	T	216.1/52.4
D27	1750000550	S.DIO	1SS355 TE-17	T	72.4/23.6
FI1	2020002000	CER	SFSRA6M50CF00-B0		
X1	6050011950	XTL	CR-452. (30.200 MHz)		
L1	6200001831	S.COL	NLV32T-100J	T	61.8/54.8
L2	6200003950	S.COL	HF50ACC 322513-T	T	62/81.3
L4	6200001831	S.COL	NLV32T-100J	T	86.3/99
L5	6200003261	S.COL	NLV32T-101J	T	102.5/84.8
L6	6180003510	COL	SP0406-6R8K-6		
L7	6200003261	S.COL	NLV32T-101J	T	113.7/97.9
L8	6200001831	S.COL	NLV32T-100J	T	117.8/79.5
L10	6200003331	S.COL	NLV32T-1R0J	T	116.7/90.9
L11	6200003331	S.COL	NLV32T-1R0J	T	117.5/94.5
L12	6200003261	S.COL	NLV32T-101J	T	128.8/89
L13	6200003261	S.COL	NLV32T-101J	T	138.6/91.8
L14	6200003331	S.COL	NLV32T-1R0J	T	204.1/48.9
L17	6200003261	S.COL	NLV32T-101J	T	6.6/11.3
L18	6200003331	S.COL	NLV32T-1R0J	T	77.8/48.5
L19	6200001831	S.COL	NLV32T-100J	T	61.1/92.3
L20	6200005501	S.COL	NLV32T-471J	T	172/41.6
L21	6200005501	S.COL	NLV32T-471J	T	184.3/41.6
L22	6200003331	S.COL	NLV32T-1R0J	T	131.6/17.4
L23	6200003331	S.COL	NLV32T-1R0J	T	198.6/52.6
L24	6200003331	S.COL	NLV32T-1R0J	T	204.1/51.9
L25	6200003021	S.COL	NLV32T-R33J	T	217.2/80.9
L26	6200005341	S.COL	LL1608-FSL8N2J	T	212.2/69.3
L27	6200012040	S.COL	LL1608-FSL5N6S	T	212.2/66.6
L28	6200012040	S.COL	LL1608-FSL5N6S	T	212.2/63.9
L29	6200005301	S.COL	LL1608-FSL3N9S	T	214.8/61.2
L30	6200005311	S.COL	LL1608-FSL4N7S	T	214.8/58.5
L31	6200012040	S.COL	LL1608-FSL5N6S	T	214.8/55.8
L32	6200003261	S.COL	NLV32T-101J	T	115.5/32.9
L33	6200003261	S.COL	NLV32T-101J	T	134.5/27.3
L37	6200001831	S.COL	NLV32T-100J	T	68.4/31.6
L40	6200003331	S.COL	NLV32T-1R0J	T	138.4/28.6
L41	6200003331	S.COL	NLV32T-1R0J	T	114/13.6
L42	6200005401	S.COL	LL1608-FSL27NJ	T	126/11
L43	6200005411	S.COL	LL1608-FSL33NJ	T	124.1/11.5
L44	6200005411	S.COL	LL1608-FSL33NJ	T	121.4/12.4
L45	6200003331	S.COL	NLV32T-1R0J	T	114.2/6.3
L46	6200005351	S.COL	LL1608-FSL10NJ	T	123.1/7.1
L47	6200005361	S.COL	LL1608-FSL12NJ	T	120.4/7.1
L48	6200001831	S.COL	NLV32T-100J	T	69.3/24.6
L49	6200001831	S.COL	NLV32T-100J	T	12.8/70.8
L50	6200003331	S.COL	NLV32T-1R0J	T	12/94.2
L51	6200003151	S.COL	NLV32T-180J	T	29.9/95.2
L52	6200003151	S.COL	NLV32T-180J	T	23.8/95.8
L60	6200003261	S.COL	NLV32T-101J	T	38.9/47.4
L61	6200001831	S.COL	NLV32T-100J	T	37.6/39.1
L62	6200001711	S.COL	NLV32T-220J	T	14.4/38.7
L63	6200005501	S.COL	NLV32T-471J	T	11.8/56.6
L64	6200005501	S.COL	NLV32T-471J	T	12.7/50.5
L66	6200003261	S.COL	NLV32T-101J	T	75.2/22.5
L70	6200003331	S.COL	NLV32T-1R0J	T	150.2/40.8
L72	6200003331	S.COL	NLV32T-1R0J	T	81.8/32.2
L73	6200005361	S.COL	LL1608-FSL12NJ	T	215.4/94.1

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L74	6200005351	S.COL	LL1608-FSL10NJ	T	216/96.7
L75	6200005361	S.COL	LL1608-FSL12NJ	T	218.7/96.7
L77	6200005361	S.COL	LL1608-FSL12NJ	T	124.9/7.2
L78	6200003331	S.COL	NLV32T-1R0J	T	14.6/90.7
L79	6200003151	S.COL	NLV32T-180J	T	17.9/41.3
L80	6200003151	S.COL	NLV32T-180J	T	38.2/96.5
L81	6200003141	S.COL	NLV32T-150J	T	34.7/96.1
L82	6200003261	S.COL	NLV32T-101J	T	20.8/69.3
L83	6200003031	S.COL	NLV32T-R47J	T	136.9/62.4
L84	6200003031	S.COL	NLV32T-R47J	T	131.5/62.4
L85	6200005491	S.COL	NLV32T-331J	T	18.8/63.5
L86	6200005501	S.COL	NLV32T-471J	T	15.3/64.1
L87	6200003251	S.COL	NLV32T-R39J	T	76.7/19.2
L88	6200003261	S.COL	NLV32T-101J	T	55/40.8
L89	6200003261	S.COL	NLV32T-101J	T	110.6/99.6
L90	6200003261	S.COL	NLV32T-101J	T	143.9/68
L91	6200003261	S.COL	NLV32T-101J	T	204.1/45.9
L92	6200003261	S.COL	NLV32T-101J	T	198.6/48.3
L93	6200005361	S.COL	LL1608-FSL12NJ	T	219.6/69.3
L94	6200005351	S.COL	LL1608-FSL10NJ	T	219.6/66.6
L95	6200005341	S.COL	LL1608-FSL8N2J	T	219.6/63.9
L96	6200006040	S.COL	LQP18MN5N6C02D	T	217/61.2
L97	6200005331	S.COL	LL1608-FSL6N8J	T	217/58.5
L98	6200006060	S.COL	LQP18MN8N2C02D	T	217/55.8
L99	6200003431	S.COL	NLV32T-R10J	T	232.7/78.7
L100	6200006160	S.COL	LQP21MN68NG01L	T	231.9/82.3
L101	6200003431	S.COL	NLV32T-R10J	T	232.4/85.6
L102	6200003331	S.COL	NLV32T-1R0J	T	234.4/56.8
L103	6200003261	S.COL	NLV32T-101J	T	227.6/58.1
L104	6200003261	S.COL	NLV32T-101J	T	154.7/15.9
L105	6200003011	S.COL	NLV32T-R27J	T	175.3/10.8
L106	6200003011	S.COL	NLV32T-R27J	T	178.8/11.7
L107	6200003001	S.COL	NLV32T-R22J	T	182.5/11.1
L108	6200003331	S.COL	NLV32T-1R0J	T	153.4/9.1
L109	6200005411	S.COL	LL1608-FSL33NJ	T	128.6/14.2
L110	6200005401	S.COL	LL1608-FSL27NJ	T	125.9/14.2
L111	6200005351	S.COL	LL1608-FSL10NJ	T	130.1/6.5
L112	6200005341	S.COL	LL1608-FSL8N2J	T	128.2/5.8
L113	6200003261	S.COL	NLV32T-101J	T	138.5/87.4
R1	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	66.8/60
R2	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	69.4/60
R3	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	72/60
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	74.6/60
R5	7030003860	S.RES	ERJ3GE JPW V	T	81.6/36.9
R6	7030003860	S.RES	ERJ3GE JPW V	T	132.1/26.5
R7	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/32.1
R8	7030003860	S.RES	ERJ3GE JPW V	T	122.5/29.9
R9	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	87.2/49.3
R10	7030007230	S.RES	ERA3YED 102V (1 k)	T	65.8/69.4
R11	7030007230	S.RES	ERA3YED 102V (1 k)	T	69.7/68.2
R12	7030007230	S.RES	ERA3YED 102V (1 k)	T	69.6/69.5
R13	7030007230	S.RES	ERA3YED 102V (1 k)	T	72.4/68.2
R14	7030007230	S.RES	ERA3YED 102V (1 k)	T	72.4/69.5
R15	7030007230	S.RES	ERA3YED 102V (1 k)	T	75.1/68.2
R16	7030007210	S.RES	ERA3YEB 102V (1 k)	T	75.1/69.5
R17	7030007210	S.RES	ERA3YEB 102V (1 k)	T	77.8/68.2
R18	7030007210	S.RES	ERA3YEB 102V (1 k)	T	77.8/69.5
R19	7030007210	S.RES	ERA3YEB 102V (1 k)	T	80.5/68.2
R20	7030007210	S.RES	ERA3YEB 102V (1 k)	T	80.5/69.5
R21	7030007220	S.RES	ERA3YED 202V (2 k)	T	63.1/69.5
R22	7030007220	S.RES	ERA3YED 202V (2 k)	T	63.9/71.4
R23	7030007220	S.RES	ERA3YED 202V (2 k)	T	67.5/70.7
R24	7030007220	S.RES	ERA3YED 202V (2 k)	T	69.4/71.4
R25	7030007220	S.RES	ERA3YED 202V (2 k)	T	70.7/71.4
R26	7030007220	S.RES	ERA3YED 202V (2 k)	T	72/71.4
R27	7030007220	S.RES	ERA3YED 202V (2 k)	T	73.3/71.4
R28	7030007220	S.RES	ERA3YED 202V (2 k)	T	74.6/71.4
R29	7030007200	S.RES	ERA3YEB 202V (2 k)	T	75.9/71.4
R30	7030007200	S.RES	ERA3YEB 202V (2 k)	T	77.2/71.4
R31	7030007200	S.RES	ERA3YEB 202V (2 k)	T	78.5/71.4
R32	7030007200	S.RES	ERA3YEB 202V (2 k)	T	79.8/71.4
R33	7030007200	S.RES	ERA3YEB 202V (2 k)	T	81.1/71.4
R34	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	84.9/91.5
R35	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	75.1/99.4
R36	7030003860	S.RES	ERJ3GE JPW V	T	129.4/100.6
R37	7030003860	S.RES	ERJ3GE JPW V	T	136.2/94.1
R38	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/92.2
R39	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/93.5
R40	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	129.3/94.8
R41	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	90.7/88.6
R42	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	90.4/101
R43	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	103.8/95.8
R44	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	103.8/92.9
R45	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	113.3/86.6
R46	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	112.1/86.5
R47	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	112.1/79
R48	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	115.7/79
R49	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	113.7/88.8
R50	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	115.1/85.2
R51	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	118.9/88.6
R52	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	119.4/84.1
R53	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/33.4
R54	7030003290	S.RES	ERJ3GEYJ 560 V (56)	T	119.1/100.4
R55	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	121.6/34.7
R57	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	126/89.1

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R58	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	130.1/98
R59	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	143.7/70.8
R66	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	212.5/94.8
R67	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	211.8/91.7
R68	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	213.1/91.7
R69	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	214.9/91.9
R70	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	74.3/47.8
R72	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	58.1/89
R77	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	137.4/69.7
R79	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	220.7/80.6
R80	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	219.4/80.6
R81	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	219.8/78.7
R82	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213/77
R83	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	213.1/74.9
R84	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	212.6/50
R85	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	215.3/50.2
R86	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	218.2/50
R87	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	120.6/30.6
R88	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	127.5/32.7
R91	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	111.1/25.7
R92	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	115.7/23.6
R93	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	111.1/21.8
R94	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)	T	111.1/24.4
R95	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	108/28.7
R96	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	101.4/26.8
R100	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	149.6/44.2
R106	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	96.4/45.4
R116	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	137/21.3
R117	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	138.6/34.4
R118	7030003300	S.RES	ERJ3GEYJ 680 V (68)	T	140.5/33.6
R119	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	142.4/32.8
R120	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	83.6/41.1
R121	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	84.4/43
R122	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	133.7/14.2
R123	7030003260	S.RES	ERJ3GEYJ 330 V (33)	T	134.5/12.3
R124	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	135.8/6.3
R125	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	133.2/12.3
R127	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	134.5/6.2
R129	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	115.5/8.9
R130	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	114.7/10.8
R131	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	113.9/8.9
R133	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	60.8/35
R135	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	63.4/35
R139	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	61.6/40.2
R140	7030007220	S.RES	ERA3YED 202V (2 k)	T	35.8/71.4
R141	7030007220	S.RES	ERA3YED 202V (2 k)	T	35.8/72.7
R142	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.2/75.3
R143	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.5/77.9
R144	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.5/80.5
R145	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.1/82.5
R146	7030007220	S.RES	ERA3YED 202V (2 k)	T	36.1/83.8
R147	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/86.4
R148	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/87.7
R149	7030007200	S.RES	ERA3YEB 202V (2 k)	T	36.1/90.3
R150	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.2/71.5
R151	7030007230	S.RES	ERA3YED 102V (1 k)	T	37.9/72.2
R152	7030007230	S.RES	ERA3YED 102V (1 k)	T	39.2/74.1
R153	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.1/76
R154	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.4/79.2
R155	7030007230	S.RES	ERA3YED 102V (1 k)	T	38/82.4
R156	7030007230	S.RES	ERA3YED 102V (1 k)	T	39.3/83.7
R157	7030007210	S.RES	ERA3YEB 102V (1 k)	T	38/85.1
R158	7030007210	S.RES	ERA3YEB 102V (1 k)	T	39.3/86.3
R159	7030007210	S.RES	ERA3YEB 102V (1 k)	T	38/88.4
R160	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.8/90.3
R161	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	18.2/92.2
R162	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	20.3/96.6
R163	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	21/94.6
R164	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	19/96.6
R168	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	11.8/103.8
R176	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	36.5/49.9
R179	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.6/61.4
R180	7030007220	S.RES	ERA3YED 202V (2 k)	T	38.3/61.4
R181	7030007220	S.RES	ERA3YED 202V (2 k)	T	34.4/61.4
R182	7030007220	S.RES	ERA3YED 202V (2 k)	T	33.1/61.4
R183	7030007220	S.RES	ERA3YED 202V (2 k)	T	30.7/63.3
R184	7030007220	S.RES	ERA3YED 202V (2 k)	T	28.8/61.4
R185	7030007220	S.RES	ERA3YED 202V (2 k)	T	27.5/61.4
R186	7030007200	S.RES	ERA3YEB 202V (2 k)	T	24.9/61.4
R187	7030007200	S.RES	ERA3YEB 202V (2 k)	T	23.6/61.4
R188	7030007200	S.RES	ERA3YEB 202V (2 k)	T	21/61.4
R189	7030007220	S.RES	ERA3YED 202V (2 k)	T	39.4/64.6
R190	7030007230	S.RES	ERA3YED 102V (1 k)	T	38.8/63.3
R191	7030007230	S.RES	ERA3YED 102V (1 k)	T	36.7/64.6
R192	7030007230	S.RES	ERA3YED 102V (1 k)	T	34.9/63.3
R193	7030007230	S.RES	ERA3YED 102V (1 k)	T	33.6/64.6
R194	7030007230	S.RES	ERA3YED 102V (1 k)	T	30.7/64.6
R195	7030007230	S.RES	ERA3YED 102V (1 k)	T	28/64.6
R196	7030007210	S.RES	ERA3YEB 102V (1 k)	T	26.7/63.3
R197	7030007210	S.RES	ERA3YEB 102V (1 k)	T	25.1/64.6
R198	7030007210	S.RES	ERA3YEB 102V (1 k)	T	22.8/63.3
R199	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	12.1/47
R200	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	18.3/45.6
R201	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)	T	16.4/44.9
R202	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	14.1/47.7
R203	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	12/45.7
R204	7030003860	S.RES	ERJ3GE JPW V	T	234.6/62.5

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R205	7030003860	S.RES	ERJ3GE JPW V	T	233.3/62.5
R207	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	14.2/31.7
R212	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	82.2/24.7
R213	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	80.4/23.9
R214	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	82.2/23
R215	7030007510	S.RES	ERJ12YJ270U (27)	T	212.3/18.3
R216	7030007510	S.RES	ERJ12YJ270U (27)	T	208.6/18.3
R217	7030007510	S.RES	ERJ12YJ270U (27)	T	204.9/18.3
R222	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	80.9/59.2
R223	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	83.8/59.4
R224	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	79.6/58.1
R225	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	87.4/59.2
R226	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	9.4/13.5
R227	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	5.4/17.4
R228	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	82.2/59.2
R231	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	15.1/42.8
R232	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	16.1/93.5
R237	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	130.7/10.2
R239	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	104.7/86.9
R240	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	83.7/68.7
R241	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	79.6/34.3
R243	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	211.2/88.9
R244	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	213.1/89.5
R245	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	215.8/89.4
R246	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	139.2/98.5
R247	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	142.3/25.2
R248	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	39.3/88.9
R249	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	21.8/64.6
R250	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	23.1/71.9
R251	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	133.8/86.3
R252	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	135.6/85.6
R253	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	131.2/86.3
R254	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	135.6/84.3
R255	7030003450	S.RES	ERJ3GEYJ 122 V (1.2 k)	T	131.1/83.6
R256	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	128/84
R257	7510001410	S.TMR	NTCG20 3FH 222JT	T	129.6/83.7
R258	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	125.8/85.6
R259	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	135.2/79.9
R260	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	123.5/79.6
R261	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	138.8/71.4
R262	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	129.4/77.2
R263	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	127/75.2
R266	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)	T	58/37.8
R267	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	101/38
R268	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	107.4/100.5
R269	7030003550	S.RES	ERJ3GEYJ 822 V (8.2 k)	T	105.5/101.2
R270	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	104/100
R271	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)	T	102.4/103.8
R272	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.5/72
R273	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	218.3/72
R274	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	213.7/52.8
R275	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	219.1/53.5
R276	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	234.6/59.7
R277	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	235.9/62.5
R278	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	234.7/70.5
R279	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	232.7/73
R280	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	234/74.5
R281	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)	T	228/74.2
R282	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	228/75.6
R283	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	227.8/88.4
R284	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	230.8/88.4
R285	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	235.4/87.4
R286	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	155.9/9.2
R287	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	160/9.2
R288	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	167.4/8.7
R289	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	169.1/10.7
R290	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	171.3/10
R291	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)	T	170.9/15.1
R292	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	185.4/15.7
R293	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	185.1/12.7
R294	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	183.4/8.6
R295	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	172.2/15.5
R296	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.7/12.9
R297	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	118.5/7.5
R298	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	117.5/103
R299	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	127.6/77.2
R300	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	60/41.6
R301	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	127/71.4
R302	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	78.9/103.6
R400	7030003860	S.RES	ERJ3GE JPW V	T	159/7.3
R401	7030003860	S.RES	ERJ3GE JPW V	T	158.7/9.2
C1	4030006880	S.CER	C1608 JB 1H 472K-T	T	64/55.4
C2	4030006880	S.CER	C1608 JB 1H 472K-T	T	65.5/60
C3	4030006880	S.CER	C1608 JB 1H 472K-T	T	68.1/60
C4	4030006880	S.CER	C1608 JB 1H 472K-T	T	70.7/60
C5	4030006880	S.CER	C1608 JB 1H 472K-T	T	73.3/60
C6	4030006880	S.CER	C1608 JB 1H 472K-T	T	79.6/55.4
C7	4030006860	S.CER	C1608 JB 1H 102K-T	T	128.8/32.7
C8	4030011600	S.CER	C1608 JB 1E 104K-T	T	121.5/27.5
C9	4030011600	S.CER	C1608 JB 1E 104K-T	T	128.8/98
C10	4030006880	S.CER	C1608 JB 1H 472K-T	T	127.5/98
C11	4030008920	S.CER	C1608 JB 1H 473K-T	T	61.8/83.6
C12	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.3/91.6
C13	4030008920	S.CER	C1608 JB 1H 473K-T	T	63.6/94.9
C14	4030008920	S.CER	C1608 JB 1H 473K-T	T	66.9/79.3

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C15	4030008920	S.CER	C1608 JB 1H 473K-T	T	80.1/78.7
C16	4030008920	S.CER	C1608 JB 1H 473K-T	T	82.9/78.7
C17	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/83.8
C18	4030008920	S.CER	C1608 JB 1H 473K-T	T	84.4/86.6
C19	4030008920	S.CER	C1608 JB 1H 473K-T	T	86.5/89.5
C20	4030008920	S.CER	C1608 JB 1H 473K-T	T	87.5/93.5
C21	4030008920	S.CER	C1608 JB 1H 473K-T	T	85.4/96.8
C22	4030008920	S.CER	C1608 JB 1H 473K-T	T	71.6/101.1
C23	4030008920	S.CER	C1608 JB 1H 473K-T	T	75.1/100.7
C24	4030008920	S.CER	C1608 JB 1H 473K-T	T	79.1/100.2
C25	4030006900	S.CER	C1608 JB 1H 103K-T	T	82.4/71.4
C28	4030006900	S.CER	C1608 JB 1H 103K-T	T	90/90.5
C29	4030010210	S.CER	C3216 JB 1C 105M-T	T	89.8/95.8
C30	4550003220	S.TAN	TEESVA 1E 105M8R	T	102.1/95.9
C31	4550000510	S.TAN	TEESVA 1V 473M8R	T	102.1/90.8
C32	4030009910	S.CER	C1608 CH 1H 040B-T	T	106.3/81.4
C33	4030007090	S.CER	C1608 CH 1H 470J-T	T	110.9/86.5
C34	4030008920	S.CER	C1608 JB 1H 473K-T	T	113.3/79
C35	4030007150	S.CER	C1608 CH 1H 151J-T	T	112.8/81.2
C36	4510008500	S.ELE	EEE1CA101WP	T	109.3/93.5
C37	4030007150	S.CER	C1608 CH 1H 151J-T	T	114.5/79
C38	4030007010	S.CER	C1608 CH 1H 100D-T	T	115.1/82
C40	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/96.7
C41	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.3/86.7
C42	4030007150	S.CER	C1608 CH 1H 151J-T	T	118.9/91.3
C43	4030010040	S.CER	C1608 JB 1H 561K-T	T	120.1/88.6
C44	4030009580	S.CER	C1608 JB 1H 681K-T	T	120.1/91.3
C45	4030007130	S.CER	C1608 CH 1H 101J-T	T	115.5/103.5
C46	4030007090	S.CER	C1608 CH 1H 470J-T	T	119.1/101.7
C48	4030008920	S.CER	C1608 JB 1H 473K-T	T	119.1/98
C50	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/90.4
C51	4030006880	S.CER	C1608 JB 1H 472K-T	T	131.5/103.7
C52	4030006900	S.CER	C1608 JB 1H 103K-T	T	133.3/103.1
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.7/100.5
C57	4550003220	S.TAN	TEESVA 1E 105M8R	T	136.9/79.7
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.6/79.9
C60	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.2/94.8
C61	4030007010	S.CER	C1608 CH 1H 100D-T	T	215.8/88.1
C62	4030006860	S.CER	C1608 JB 1H 102K-T	T	218.1/92.9
C63	4030006860	S.CER	C1608 JB 1H 102K-T	T	216.2/91.9
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	13.6/11.8
C70	4030006860	S.CER	C1608 JB 1H 102K-T	T	25.4/18.8
C71	4030006860	S.CER	C1608 JB 1H 102K-T	T	75.6/47.8
C72	4030006880	S.CER	C1608 JB 1H 472K-T	T	58.7/97.4
C73	4030010210	S.CER	C3216 JB 1C 105M-T	T	58.5/95.7
C74	4030006860	S.CER	C1608 JB 1H 102K-T	T	175.9/45.5
C75	4510008500	S.ELE	EEE1CA101WP	T	171.7/48.3
C76	4030006860	S.CER	C1608 JB 1H 102K-T	T	188.4/45.5
C77	4510008500	S.ELE	EEE1CA101WP	T	184.2/48.3
C78	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.1/20.4
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	211.8/74.9
C80	4030007010	S.CER	C1608 CH 1H 100D-T	T	211.6/81.3
C81	4030006860	S.CER	C1608 JB 1H 102K-T	T	214/79.1
C82	4030006860	S.CER	C1608 JB 1H 102K-T	T	219.8/82.7
C83	4030006860	S.CER	C1608 JB 1H 102K-T	T	216/77.6
C84	4030009910	S.CER	C1608 CH 1H 040B-T	T	214.8/72
C85	4030009520	S.CER	C1608 CH 1H 020B-T	T	214.8/69.3
C86	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	214.8/66.6
C88	4030006990	S.CER	C1608 CH 1H 080D-T	T	213.5/69.3
C89	4030007030	S.CER	C1608 CH 1H 150J-T	T	213.5/66.6
C90	4030007090	S.CER	C1608 CH 1H 470J-T	T	213.5/63.9
C91	4030009520	S.CER	C1608 CH 1H 020B-T	T	212.2/61.2
C92	4030009520	S.CER	C1608 CH 1H 020B-T	T	213.5/61.2
C93	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/58.5
C94	4030009510	S.CER	C1608 CH 1H 010B-T	T	213.5/58.5
C95	4030009910	S.CER	C1608 CH 1H 040B-T	T	212.2/55.8
C97	4030006860	S.CER	C1608 JB 1H 102K-T	T	115.9/30.7
C98	4030006860	S.CER	C1608 JB 1H 102K-T	T	130.8/26.5
C100	4030006860	S.CER	C1608 JB 1H 102K-T	T	125.4/23.1
C101	4030006860	S.CER	C1608 JB 1H 102K-T	T	138.2/23.2
C102	4030006880	S.CER	C1608 JB 1H 472K-T	T	111.1/27
C103	4550000550	S.TAN	TEESVA 1V 224M8R	T	111.9/30.4
C104	4550000550	S.TAN	TEESVA 1V 224M8R	T	109.7/30.4
C105	4550000510	S.TAN	TEESVA 1V 473M8R	T	106.2/29.1
C106	4550000510	S.TAN	TEESVA 1V 473M8R	T	113.9/22.4
C107	4510008690	S.ELE	EEE1EA330SP	T	96.7/25.1
C108	4510008500	S.ELE	EEE1CA101WP	T	155.4/41.4
C117	4030008920	S.CER	C1608 JB 1H 473K-T	T	68.2/29
C118	4030006860	S.CER	C1608 JB 1H 102K-T	T	79.6/27.8
C119	4030007170	S.CER	C1608 CH 1H 221J-T	T	79.6/30.6
C121	4030007170	S.CER	C1608 CH 1H 221J-T	T	81.6/34.8
C122	4030006860	S.CER	C1608 JB 1H 102K-T	T	96/35.4
C123	4510008690	S.ELE	EEE1EA330SP	T	94.5/40.3
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/27.8
C132	4030007050	S.CER	C1608 CH 1H 220J-T	T	139.1/32.1
C133	4030006860	S.CER	C1608 JB 1H 102K-T	T	142.3/26.5
C134	4030006860	S.CER	C1608 JB 1H 102K-T	T	135.8/12.3
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	131.8/13.4
C137	4030006860	S.CER	C1608 JB 1H 102K-T	T	133.2/6.2
C139	4030007000	S.CER	C1608 CH 1H 090D-T	T	125.7/12.9
C140	4030009550	S.CER	C1608 CH 1H 2R5B-T	T	124.1/10.2
C141	4030007010	S.CER	C1608 CH 1H 100D-T	T	123.5/13.3
C142	4030009540	S.CER	C1608 CH 1H 1R5B-T	T	121.4/11.1
C143	4030006990	S.CER	C1608 CH 1H 080D-T	T	121.4/13.7
C145	4030006970	S.CER	C1608 CH 1H 060D-T	T	124.9/5.4
C146	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	123.1/8.4
C147	4030006980	S.CER	C1608 CH 1H 070D-T	T	122/5.8

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C148	4030009570	S.CER C1608 CH 1H 0R3B-T	T	120.4/8.4
C149	4030009530	S.CER C1608 CH 1H 030B-T	T	118.9/5.6
C151	4030006860	S.CER C1608 JB 1H 102K-T	T	112/10.8
C153	4030006880	S.CER C1608 JB 1H 472K-T	T	29.4/18.6
C154	4030006880	S.CER C1608 JB 1H 472K-T	T	69.1/20.7
C155	4030007010	S.CER C1608 CH 1H 100D-T	T	62.1/35
C156	4030006860	S.CER C1608 JB 1H 102K-T	T	59.4/39.4
C158	4030011600	S.CER C1608 JB 1E 104K-T	T	20.4/73.2
C159	4510008540	S.ELE EEE1CA100SR	T	16.7/70.6
C160	4030011600	S.CER C1608 JB 1E 104K-T	T	12.9/75.3
C161	4030011600	S.CER C1608 JB 1E 104K-T	T	25.7/72.6
C162	4030011600	S.CER C1608 JB 1E 104K-T	T	12.9/82
C163	4030011600	S.CER C1608 JB 1E 104K-T	T	20.1/89.8
C164	4030011600	S.CER C1608 JB 1E 104K-T	T	24.8/89.8
C165	4030007170	S.CER C1608 CH 1H 221J-T	T	14/88.5
C166	4030007100	S.CER C1608 CH 1H 560J-T	T	14.2/93.6
C167	4030007020	S.CER C1608 CH 1H 120J-T	T	31.7/97.4
C168	4030009350	S.CER C1608 CH 1H 3R5B-T	T	29.1/97.4
C169	4030007050	S.CER C1608 CH 1H 220J-T	T	27.3/95.4
C170	4030009540	S.CER C1608 CH 1H 1R5B-T	T	26/95.4
C171	4030007020	S.CER C1608 CH 1H 120J-T	T	21.6/96.6
C172	4030011600	S.CER C1608 JB 1E 104K-T	T	16.4/96.2
C173	4030006900	S.CER C1608 JB 1H 103K-T	T	21/93.3
C175	4030006880	S.CER C1608 JB 1H 472K-T	T	17.7/96.6
C177	4030006900	S.CER C1608 JB 1H 103K-T	T	13.1/103.8
C191	4030006880	S.CER C1608 JB 1H 472K-T	T	43.8/52.4
C192	4030010210	S.CER C3216 JB 1C 105M-T	T	38/54
C194	4030011600	S.CER C1608 JB 1E 104K-T	T	36.5/47.1
C195	4510008540	S.ELE EEE1CA100SR	T	37.9/43
C196	4030011600	S.CER C1608 JB 1E 104K-T	T	33.1/39.7
C197	4030011600	S.CER C1608 JB 1E 104K-T	T	35.9/52.1
C198	4030011600	S.CER C1608 JB 1E 104K-T	T	26.4/39.7
C199	4030011600	S.CER C1608 JB 1E 104K-T	T	18.6/46.9
C200	4030011600	S.CER C1608 JB 1E 104K-T	T	18.6/51.6
C201	4030009880	S.CER C1608 JB 1H 682K-T	T	20.1/40.7
C202	4030009980	S.CER C1608 JB 1H 152K-T	T	15/40.9
C203	4030010760	S.CER C1608 CH 1H 331J-T	T	12.6/61.4
C204	4030007110	S.CER C1608 CH 1H 680J-T	T	14/56.6
C205	4030006850	S.CER C1608 JB 1H 471K-T	T	13.2/54
C206	4030007060	S.CER C1608 CH 1H 270J-T	T	13.2/52.7
C207	4030010760	S.CER C1608 CH 1H 331J-T	T	12.1/48.3
C208	4030011600	S.CER C1608 JB 1E 104K-T	T	12/44.4
C209	4030011600	S.CER C1608 JB 1E 104K-T	T	15.4/47.7
C210	4030006860	S.CER C1608 JB 1H 102K-T	T	227.7/67.4
C211	4030006880	S.CER C1608 JB 1H 472K-T	T	12.4/43.1
C212	4030006900	S.CER C1608 JB 1H 103K-T	T	15/33.6
C213	4030006900	S.CER C1608 JB 1H 103K-T	T	12.2/34.2
C214	4030006860	S.CER C1608 JB 1H 102K-T	T	228.5/65.5
C215	4030006860	S.CER C1608 JB 1H 102K-T	T	234/64.4
C216	4030006860	S.CER C1608 JB 1H 102K-T	T	235.9/65.6
C217	4030006900	S.CER C1608 JB 1H 103K-T	T	72.4/20.6
C218	4030006900	S.CER C1608 JB 1H 103K-T	T	78.5/23.1
C219	4030008920	S.CER C1608 JB 1H 473K-T	T	211.5/13.3
C220	4510008540	S.ELE EEE1CA100SR	T	202.9/13
C221	4510008540	S.ELE EEE1CA100SR	T	209.5/7.8
C222	4030008920	S.CER C1608 JB 1H 473K-T	T	214.3/6.6
C223	4030006860	S.CER C1608 JB 1H 102K-T	T	214.3/5.4
C227	4030008920	S.CER C1608 JB 1H 473K-T	T	215.2/33.8
C228	4510008540	S.ELE EEE1CA100SR	T	207.2/32.9
C229	4510008540	S.ELE EEE1CA100SR	T	207.2/26.7
C230	4030008920	S.CER C1608 JB 1H 473K-T	T	215.2/25.1
C231	4030006860	S.CER C1608 JB 1H 102K-T	T	215.2/23.7
C232	4030006880	S.CER C1608 JB 1H 472K-T	T	10/11.6
C233	4030018980	S.CER C1608 JB 1H 104K-T	T	11.1/15.8
C234	4510008690	S.ELE EEE1EA330SP	T	8.3/22.5
C235	4030018980	S.CER C1608 JB 1H 104K-T	T	9.2/27.1
C236	4510008690	S.ELE EEE1EA330SP	T	15/26.9
C237	4030006860	S.CER C1608 JB 1H 102K-T	T	83.9/29.2
C239	4030009570	S.CER C1608 CH 1H 0R3B-T	T	213.5/55.8
C240	4030009550	S.CER C1608 CH 1H 2R5B-T	T	211.8/53.6
C242	4030007050	S.CER C1608 CH 1H 220J-T	T	75.7/77.4
C243	4030007050	S.CER C1608 CH 1H 220J-T	T	79.9/76.1
C244	4030008920	S.CER C1608 JB 1H 473K-T	T	80.2/103.6
C246	4550006050	S.TAN TEESVA 0J 106M8R	T	62.6/77.2
C247	4030006860	S.CER C1608 JB 1H 102K-T	T	83.5/101.2
C248	4030006860	S.CER C1608 JB 1H 102K-T	T	86.2/101.2
C249	4030006860	S.CER C1608 JB 1H 102K-T	T	90.2/94.1
C250	4030011600	S.CER C1608 JB 1E 104K-T	T	115.7/29.4
C251	4030011600	S.CER C1608 JB 1E 104K-T	T	120.2/28.7
C252	4030011600	S.CER C1608 JB 1E 104K-T	T	129.5/26.5
C253	4030011600	S.CER C1608 JB 1E 104K-T	T	130.2/103.7
C254	4030010210	S.CER C3216 JB 1C 105M-T	T	132.7/88.7
C255	4030011600	S.CER C1608 JB 1E 104K-T	T	126/90.4
C256	4550006050	S.TAN TEESVA 0J 106M8R	T	228.6/61.8
C257	4550006050	S.TAN TEESVA 0J 106M8R	T	158.4/14.9
C258	4030007170	S.CER C1608 CH 1H 221J-T	T	82/26.1
C263	4030009920	S.CER C1608 CH 1H 050B-T	T	213.3/96.7
C264	4030009530	S.CER C1608 CH 1H 030B-T	T	215.4/95.4
C265	4030009920	S.CER C1608 CH 1H 050B-T	T	218.1/94.2
C266	4030009540	S.CER C1608 CH 1H 1R5B-T	T	218.7/95.5
C267	4030009910	S.CER C1608 CH 1H 040B-T	T	220.6/94.8
C269	4030007160	S.CER C1608 CH 1H 181J-T	T	14.2/96.3
C270	4030008770	S.CER C1608 JB 1H 562K-T	T	12.3/40.9
C271	4550003220	S.TAN TEESVA 1E 105M8R	T	17/33
C281	4030007050	S.CER C1608 CH 1H 220J-T	T	60.7/84.9
C282	4030007050	S.CER C1608 CH 1H 220J-T	T	64.6/91.6
C283	4030007050	S.CER C1608 CH 1H 220J-T	T	63.6/96.2

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C284	4030007050	S.CER C1608 CH 1H 220J-T	T	65.1/78
C285	4030007050	S.CER C1608 CH 1H 220J-T	T	80.1/77.4
C286	4030007050	S.CER C1608 CH 1H 220J-T	T	82.9/77.4
C287	4030007050	S.CER C1608 CH 1H 220J-T	T	84.4/82.5
C288	4030007050	S.CER C1608 CH 1H 220J-T	T	84.4/85.3
C289	4030007050	S.CER C1608 CH 1H 220J-T	T	86.5/88.2
C290	4030007050	S.CER C1608 CH 1H 220J-T	T	86.2/93.5
C291	4030007050	S.CER C1608 CH 1H 220J-T	T	86/95.5
C292	4030007050	S.CER C1608 CH 1H 220J-T	T	71.6/102.4
C293	4030007050	S.CER C1608 CH 1H 220J-T	T	75.1/102
C294	4030007050	S.CER C1608 CH 1H 220J-T	T	79.1/101.5
C296	4030007050	S.CER C1608 CH 1H 220J-T	T	81.5/103.6
C297	4030007050	S.CER C1608 CH 1H 220J-T	T	83.5/102.5
C298	4030007050	S.CER C1608 CH 1H 220J-T	T	86.2/102.5
C299	4030007050	S.CER C1608 CH 1H 220J-T	T	87.8/91.6
C300	4030007050	S.CER C1608 CH 1H 220J-T	T	219.1/91.6
C301	4030006860	S.CER C1608 JB 1H 102K-T	T	58.1/94
C302	4030007050	S.CER C1608 CH 1H 220J-T	T	20.4/71.9
C303	4030007050	S.CER C1608 CH 1H 220J-T	T	12.9/74
C304	4030007050	S.CER C1608 CH 1H 220J-T	T	27/72.6
C305	4030007050	S.CER C1608 CH 1H 220J-T	T	12.9/83.3
C306	4030007050	S.CER C1608 CH 1H 220J-T	T	21.4/89.8
C307	4030007050	S.CER C1608 CH 1H 220J-T	T	26.1/90.2
C308	4030007050	S.CER C1608 CH 1H 220J-T	T	23.1/73.2
C309	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/71.8
C310	4030007010	S.CER C1608 CH 1H 100D-T	T	35.9/74
C311	4030007010	S.CER C1608 CH 1H 100D-T	T	36.2/76.6
C312	4030007010	S.CER C1608 CH 1H 100D-T	T	36.5/79.2
C313	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/78.7
C314	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/81.4
C315	4030007010	S.CER C1608 CH 1H 100D-T	T	36.1/85.1
C316	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/85.2
C317	4030007010	S.CER C1608 CH 1H 100D-T	T	36.1/89
C318	4030007010	S.CER C1608 CH 1H 100D-T	T	32.2/89.2
C319	4030006860	S.CER C1608 JB 1H 102K-T	T	39.1/55.7
C320	4030007050	S.CER C1608 CH 1H 220J-T	T	10.5/103.8
C321	4030007050	S.CER C1608 CH 1H 220J-T	T	35.2/47.1
C322	4030007050	S.CER C1608 CH 1H 220J-T	T	34.4/39.7
C323	4030007050	S.CER C1608 CH 1H 220J-T	T	33.9/54.3
C324	4030007050	S.CER C1608 CH 1H 220J-T	T	25.1/39.7
C325	4030007050	S.CER C1608 CH 1H 220J-T	T	18.6/48.2
C326	4030007050	S.CER C1608 CH 1H 220J-T	T	18.6/52.9
C327	4030007050	S.CER C1608 CH 1H 220J-T	T	35.2/49.9
C328	4030007050	S.CER C1608 CH 1H 220J-T	T	36.3/55.7
C329	4030007050	S.CER C1608 CH 1H 220J-T	T	37/61.4
C330	4030007050	S.CER C1608 CH 1H 220J-T	T	35.7/61.4
C331	4030007050	S.CER C1608 CH 1H 220J-T	T	31.8/61.4
C332	4030007050	S.CER C1608 CH 1H 220J-T	T	30.5/61.4
C333	4030007050	S.CER C1608 CH 1H 220J-T	T	26.5/56.7
C334	4030007050	S.CER C1608 CH 1H 220J-T	T	26.2/61.4
C335	4030007050	S.CER C1608 CH 1H 220J-T	T	23.4/58.1
C336	4030007050	S.CER C1608 CH 1H 220J-T	T	22.3/61.4
C337	4030007050	S.CER C1608 CH 1H 220J-T	T	21.8/56.8
C338	4030007050	S.CER C1608 CH 1H 220J-T	T	13.5/33.6
C339	4030007050	S.CER C1608 CH 1H 220J-T	T	11.8/76.6
C340	4030007050	S.CER C1608 CH 1H 220J-T	T	11.2/78.5
C341	4030007050	S.CER C1608 CH 1H 220J-T	T	11.8/80.4
C342	4030007050	S.CER C1608 CH 1H 220J-T	T	24/91.8
C343	4030006860	S.CER C1608 JB 1H 102K-T	T	8.1/92.6
C344	4030007020	S.CER C1608 CH 1H 120J-T	T	37.4/94.3
C345	4030007130	S.CER C1608 CH 1H 101J-T	T	32.5/95.2
C346	4030009990	S.CER C1608 CH 1H 200J-T	T	31.7/93
C347	4030006880	S.CER C1608 JB 1H 472K-T	T	26.4/69.2
C348	4030010210	S.CER C3216 JB 1C 105M-T	T	30/70.7
C349	4030006860	S.CER C1608 JB 1H 102K-T	T	28.3/71
C350	4030007050	S.CER C1608 CH 1H 220J-T	T	16.6/51.2
C351	4030006860	S.CER C1608 JB 1H 102K-T	T	7.9/47.8
C352	4510008510	S.ELE EEE1CA471P	T	29.5/10.2
C353	4550006050	S.TAN TEESVA 0J 106M8R	T	137.5/97.4
C354	4550006050	S.TAN TEESVA 0J 106M8R	T	131.2/30.1
C355	4030007070	S.CER C1608 CH 1H 330J-T	T	132.5/86.3
C356	4550000550	S.TAN TEESVA 1V 224M8R	T	125.3/70.6
C358	4030006860	S.CER C1608 JB 1H 102K-T	T	128/63.1
C359	4030007090	S.CER C1608 CH 1H 470J-T	T	128/61.8
C360	4030011280	S.CER C1608 CH 1H 271J-T	T	18.9/60.6
C361	4030009580	S.CER C1608 JB 1H 681K-T	T	16.6/61.4
C362	4030006850	S.CER C1608 JB 1H 471K-T	T	14.7/60.6
C363	4030007140	S.CER C1608 CH 1H 121J-T	T	78.5/21.9
C364	4030007140	S.CER C1608 CH 1H 121J-T	T	80.6/17.8
C365	4030010210	S.CER C3216 JB 1C 105M-T	T	167.5/13.7
C366	4030007050	S.CER C1608 CH 1H 220J-T	T	232/59.7
C367	4030010210	S.CER C3216 JB 1C 105M-T	T	229.2/70.9
C368	4030006880	S.CER C1608 JB 1H 472K-T	T	58.8/35.8
C369	4030010210	S.CER C3216 JB 1C 105M-T	T	52.8/36.9
C370	4030006860	S.CER C1608 JB 1H 102K-T	T	52.4/40.8
C371	4530000410	S.ARY EZANCE 471M 470P	T	22.2/24.6
C372	4530000410	S.ARY EZANCE 471M 470P	T	21.6/16.3
C373	4530000400	S.ARY EZANCE 220M 22P	T	21.6/8
C374	4030011600	S.CER C1608 JB 1E 104K-T	T	108.2/98.4
C375	4030009530	S.CER C1608 CH 1H 030B-T	T	214.8/63.9
C376	4030006860	S.CER C1608 JB 1H 102K-T	T	212.2/72
C377	4030006860	S.CER C1608 JB 1H 102K-T	T	211.8/52.3
C378	4030006980	S.CER C1608 CH 1H 070D-T	T	217/72
C379	4030006990	S.CER C1608 CH 1H 080D-T	T	218.3/69.3
C380	4030009530	S.CER C1608 CH 1H 030B-T	T	217/69.3
C381	4030007000	S.CER C1608 CH 1H 090D-T	T	218.3/66.6
C382	4030009550	S.CER C1608 CH 1H 2R5B-T	T	217/66.6

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

[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C383	4030007100	S.CER C1608 CH 1H 560J-T	T	218.3/63.9
C384	4030009350	S.CER C1608 CH 1H 3R5B-T	T	217/63.9
C385	4030009550	S.CER C1608 CH 1H 2R5B-T	T	219.6/61.2
C386	4030009520	S.CER C1608 CH 1H 020B-T	T	218.3/61.2
C387	4030006970	S.CER C1608 CH 1H 060D-T	T	219.6/58.5
C388	4030009500	S.CER C1608 CH 1H 0R5B-T	T	218.3/58.5
C389	4030006970	S.CER C1608 CH 1H 060D-T	T	220.2/56.6
C390	4030009570	S.CER C1608 CH 1H 0R3B-T	T	218.3/55.8
C391	4030009350	S.CER C1608 CH 1H 3R5B-T	T	220.2/55
C392	4030006860	S.CER C1608 JB 1H 102K-T	T	219.6/72
C393	4030006860	S.CER C1608 JB 1H 102K-T	T	219.1/52.2
C394	4030008750	S.CER C1608 CH 1H 360J-T	T	229.2/84
C395	4030007020	S.CER C1608 CH 1H 120J-T	T	230/86.2
C396	4030007070	S.CER C1608 CH 1H 330J-T	T	227.8/82.7
C397	4030007090	S.CER C1608 CH 1H 470J-T	T	227.8/85.4
C398	4030007080	S.CER C1608 CH 1H 390J-T	T	227.8/87
C399	4030006860	S.CER C1608 JB 1H 102K-T	T	235.9/59.7
C400	4030006860	S.CER C1608 JB 1H 102K-T	T	233.3/59.7
C401	4030006860	S.CER C1608 JB 1H 102K-T	T	232/62.5
C402	4030006860	S.CER C1608 JB 1H 102K-T	T	233.5/69.2
C403	4030006860	S.CER C1608 JB 1H 102K-T	T	228.4/68.7
C404	4030006860	S.CER C1608 JB 1H 102K-T	T	228/72.6
C405	4030006860	S.CER C1608 JB 1H 102K-T	T	235.3/72.4
C406	4030006860	S.CER C1608 JB 1H 102K-T	T	230.2/76.4
C407	4030006860	S.CER C1608 JB 1H 102K-T	T	157.2/9.2
C408	4030006860	S.CER C1608 JB 1H 102K-T	T	160/11.6
C409	4030006860	S.CER C1608 JB 1H 102K-T	T	160.7/14.2
C410	4030006860	S.CER C1608 JB 1H 102K-T	T	165.7/16.9
C411	4030006860	S.CER C1608 JB 1H 102K-T	T	169.4/15.1
C412	4030006860	S.CER C1608 JB 1H 102K-T	T	168.7/8.7
C413	4030006900	S.CER C1608 JB 1H 103K-T	T	173/13.3
C414	4030006990	S.CER C1608 CH 1H 080D-T	T	176/13.1
C415	4030007110	S.CER C1608 CH 1H 680J-T	T	175.2/15.7
C416	4030007140	S.CER C1608 CH 1H 121J-T	T	179.5/15.7
C417	4030007030	S.CER C1608 CH 1H 150J-T	T	181/14.2
C418	4030007130	S.CER C1608 CH 1H 101J-T	T	182.4/15.7
C419	4030006860	S.CER C1608 JB 1H 102K-T	T	156.2/7.3
C420	4030006860	S.CER C1608 JB 1H 102K-T	T	130.2/12.2
C421	4030007000	S.CER C1608 CH 1H 090D-T	T	128.9/12.2
C422	4030007110	S.CER C1608 CH 1H 680J-T	T	127.6/12.2
C423	4030007030	S.CER C1608 CH 1H 150J-T	T	128.1/10.2
C424	4030006860	S.CER C1608 JB 1H 102K-T	T	118.7/14.2
C425	4030006860	S.CER C1608 JB 1H 102K-T	T	130.8/8.4
C426	4030009530	S.CER C1608 CH 1H 030B-T	T	128.2/8.4
C427	4030007060	S.CER C1608 CH 1H 270J-T	T	128.2/7.1
C428	4030009920	S.CER C1608 CH 1H 050B-T	T	126.3/7.2
C429	4030006860	S.CER C1608 JB 1H 102K-T	T	117.2/7.5
C430	4030008920	S.CER C1608 JB 1H 473K-T	T	225.1/20.3
C431	4510008540	S.ELE EEE1CA100SR	T	201.1/7.7
C432	4030008920	S.CER C1608 JB 1H 473K-T	T	224.3/17.5
C433	4030006860	S.CER C1608 JB 1H 102K-T	T	224.3/16.1
C434	4030006860	S.CER C1608 JB 1H 102K-T	T	135.6/83
C435	4030007050	S.CER C1608 CH 1H 220J-T	T	65.1/76.7
C436	4030007050	S.CER C1608 CH 1H 220J-T	T	68.1/76.9
C437	4030007050	S.CER C1608 CH 1H 220J-T	T	68.5/75.6
C438	4030007050	S.CER C1608 CH 1H 220J-T	T	71.2/75.3
C439	4030007050	S.CER C1608 CH 1H 220J-T	T	72/78.2
C440	4030007050	S.CER C1608 CH 1H 220J-T	T	72.5/76.6
C441	4030007050	S.CER C1608 CH 1H 220J-T	T	75.2/78.7
C442	4030007050	S.CER C1608 CH 1H 220J-T	T	76.2/76.1
C443	4030007050	S.CER C1608 CH 1H 220J-T	T	76.2/74.8
C444	4030007050	S.CER C1608 CH 1H 220J-T	T	79.3/74.8
C445	4550006050	S.TAN TEESVA 0J 106M8R	T	58.7/81
C446	4030011600	S.CER C1608 JB 1E 104K-T	T	160.7/12.9
C447	4030006860	S.CER C1608 JB 1H 102K-T	T	219.5/50.3
C448	4030006860	S.CER C1608 JB 1H 102K-T	T	107.4/101.7
C449	4030006860	S.CER C1608 JB 1H 102K-T	T	102.7/102
C450	4030006860	S.CER C1608 JB 1H 102K-T	T	105/95.8
C451	4030007170	S.CER C1608 CH 1H 221J-T	T	105/83.3
C452	4030006860	S.CER C1608 JB 1H 102K-T	T	166.1/8.7
C453	4030006860	S.CER C1608 JB 1H 102K-T	T	161.3/9.2
C454	4030007050	S.CER C1608 CH 1H 220J-T	T	58.1/87.7
C455	4550000510	S.TAN TEESVA 1V 473M8R	T	131.6/70.8
C456	4030006900	S.CER C1608 JB 1H 103K-T	T	128.3/71.4
C457	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/50.3
C458	4030007090	S.CER C1608 CH 1H 470J-T	T	200.8/41.4
C459	4030007090	S.CER C1608 CH 1H 470J-T	T	201.3/52.6
C460	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/47.5
C461	4030007090	S.CER C1608 CH 1H 470J-T	T	207.9/53.1
C462	4030007090	S.CER C1608 CH 1H 470J-T	T	199.3/50.5
C463	4030007090	S.CER C1608 CH 1H 470J-T	T	149.6/47
C464	4030006860	S.CER C1608 JB 1H 102K-T	T	161.8/7.3
C465	4030006860	S.CER C1608 JB 1H 102K-T	T	164.2/14.9
CP1	6910009670	S.CHK HK3-S-T	T	104.1/89.9
CP3	6910009670	S.CHK HK3-S-T	T	106.9/32.6
J7	6510018450	CNR TMP-S01X-B1		
W21	8900004510	CBL OPC-452 A		
WS1	8600035471	RX1768 P01*J01PL-1		
WS2	8970022380	RX1768 COAXIAL TUBE (3)/PL		
WS3	8970022390	RX1768 1.5D COAXIAL TUBE		
WS4	8600035480	RX1768 J05PL		

[VCO-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
Q1	1530003450	S.TR 2SC4835-R (TX)		
Q2	1590000680	S.TR DTC114EUA T106		
Q3	1530003450	S.TR 2SC4835-R (TX)		
Q4	1590000680	S.TR DTC114EUA T106		
D1	1720000681	S.VCP 1SV262 (TPH2,F)		
D2	1720000681	S.VCP 1SV262 (TPH2,F)		
D3	1720000681	S.VCP 1SV262 (TPH2,F)		
D4	1750000531	S.DIO 1SV271 (TPH3,F)		
D5	1750000211	S.DIO 1SV237 (TE85R,F)		
D6	1720000261	S.VCP 1SV214 (TPH2,F) [EUR-01]		
	1750001160	S.VCP 1W362-08-T8B <TWP>#12, [OTH-02]		
L1	6200003031	S.COL NLV32T-R47J		
L2	6200006160	S.COL LQP21MN68NG01L		
L3	6200006160	S.COL LQP21MN68NG01L		
L4	6200006140	S.COL LQP21MN39NG01L		
L5	6200002991	S.COL NLV32T-2R2J		
L6	6200002991	S.COL NLV32T-2R2J		
L7	6200003001	S.COL NLV32T-R22J		
L9	6200003001	S.COL NLV32T-R22J		
L10	6200003001	S.COL NLV32T-R22J		
R1	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R2	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)		
R3	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)		
R4	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R6	7030003360	S.RES ERJ3GEYJ 221 V (220)		
R7	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R8	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R9	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R10	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)		
R11	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R12	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)		
R13	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R15	7030003350	S.RES ERJ3GEYJ 181 V (180)		
R16	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R17	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)		
C1	4030007050	S.CER C1608 CH 1H 220J-T		
C2	4030007010	S.CER C1608 CH 1H 100D-T		
C3	4030009920	S.CER C1608 CH 1H 050B-T		
C4	4030011600	S.CER C1608 JB 1E 104K-T		
C5	4030006860	S.CER C1608 JB 1H 102K-T		
C6	4030009510	S.CER C1608 CH 1H 010B-T		
C7	4030006860	S.CER C1608 JB 1H 102K-T		
C8	4030006860	S.CER C1608 JB 1H 102K-T		
C9	4030006860	S.CER C1608 JB 1H 102K-T		
C10	4030006860	S.CER C1608 JB 1H 102K-T		
C11	4030006860	S.CER C1608 JB 1H 102K-T		
C12	4030006860	S.CER C1608 JB 1H 102K-T		
C13	4030006860	S.CER C1608 JB 1H 102K-T		
C14	4030011600	S.CER C1608 JB 1E 104K-T		
C15	4030006860	S.CER C1608 JB 1H 102K-T		
C16	4030009920	S.CER C1608 CH 1H 050B-T		
C17	4030009910	S.CER C1608 CH 1H 040B-T		
C18	4030009530	S.CER C1608 CH 1H 030B-T		
C19	4030009530	S.CER C1608 CH 1H 030B-T		
C20	4030007090	S.CER C1608 CH 1H 470J-T		
C21	4030011600	S.CER C1608 JB 1E 104K-T		
C22	4030006860	S.CER C1608 JB 1H 102K-T		
C23	4030006860	S.CER C1608 JB 1H 102K-T		
C24	4030006860	S.CER C1608 JB 1H 102K-T		
C25	4030009540	S.CER C1608 CH 1H 1R5B-T		
C26	4550003220	S.TAN TEESVA 1E 105M8R		
J1	6510000760	CNR 3022-02A		

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

[VCO-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION			M.	H/V LOCATION
Q1	1560001311	S.FET	MMBFU310LT1G			
Q2	1530003450	S.TR	2SC4835-R (TX)			
Q3	1560001311	S.FET	MMBFU310LT1G			
Q4	1530003450	S.TR	2SC4835-R (TX)			
D1	1720000261	S.VCP	1SV214 (TPH2,F)	[EUR-01]		
	1750001160	S.VCP	1W362-08-T8B <TWP>	[OTH-02]		
D2	1720000261	S.VCP	1SV214 (TPH2,F)	[EUR-01]		
	1750001160	S.VCP	1W362-08-T8B <TWP>	[OTH-02]		
D3	1720000261	S.VCP	1SV214 (TPH2,F)	[EUR-01]		
	1750001160	S.VCP	1W362-08-T8B <TWP>	[OTH-02]		
D4	1720000261	S.VCP	1SV214 (TPH2,F)	[EUR-01]		
	1750001160	S.VCP	1W362-08-T8B <TWP>	[OTH-02]		
D5	1750000531	S.DIO	1SV271 (TPH3,F)			
D6	1720000261	S.VCP	1SV214 (TPH2,F)	[EUR-01]		
	1750001160	S.VCP	1W362-08-T8B <TWP>	[OTH-02]		
D7	1720000261	S.VCP	1SV214 (TPH2,F)	[EUR-01]		
	1750001160	S.VCP	1W362-08-T8B <TWP>	[OTH-02]		
D8	1790000540	S.VCP	MA338 (TX)			
D9	1790000540	S.VCP	MA338 (TX)			
D10	1750000531	S.DIO	1SV271 (TPH3,F)			
L1	6200003001	S.COL	NLV32T-R22J			
L3	6200003331	S.COL	NLV32T-1R0J			
L4	6200003251	S.COL	NLV32T-R39J			
L5	6200003331	S.COL	NLV32T-1R0J			
L6	6200003331	S.COL	NLV32T-1R0J			
L7	6200003001	S.COL	NLV32T-R22J			
L9	6200003331	S.COL	NLV32T-1R0J			
L10	6200003251	S.COL	NLV32T-R39J			
L11	6200003331	S.COL	NLV32T-1R0J			
L12	6200008080	S.COL	LQW2BHNR22J03L			
L13	6200002400	S.COL	LQW31HNR10J03L			
R2	7030003200	S.RES	ERJ3GEYJ 100 V (10)			
R3	7030003320	S.RES	ERJ3GEYJ 101 V (100)			
R4	7030003320	S.RES	ERJ3GEYJ 101 V (100)			
R5	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)			
R6	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)			
R7	7030003320	S.RES	ERJ3GEYJ 101 V (100)			
R8	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)			
R10	7030003200	S.RES	ERJ3GEYJ 100 V (10)			
R11	7030003320	S.RES	ERJ3GEYJ 101 V (100)			
R12	7030003320	S.RES	ERJ3GEYJ 101 V (100)			
R13	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)			
R14	7030003460	S.RES	ERJ3GEYJ 152 V (1.5 k)			
R15	7030003320	S.RES	ERJ3GEYJ 101 V (100)			
R16	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)			
R17	7030003860	S.RES	ERJ3GE JPW V			
C1	4030006850	S.CER	C1608 JB 1H 471K-T			
C2	4030006850	S.CER	C1608 JB 1H 471K-T			
C4	4030006850	S.CER	C1608 JB 1H 471K-T			
C5	4030006850	S.CER	C1608 JB 1H 471K-T			
C6	4030009530	S.CER	C1608 CH 1H 030B-T			
C7	4030009530	S.CER	C1608 CH 1H 030B-T			
C8	4030009500	S.CER	C1608 CH 1H 0R5B-T			
C9	4510008500	S.ELE	EEE1CA101WP			
C10	4030006850	S.CER	C1608 JB 1H 471K-T			
C11	4030006850	S.CER	C1608 JB 1H 471K-T			
C12	4030006970	S.CER	C1608 CH 1H 060D-T			
C13	4030006850	S.CER	C1608 JB 1H 471K-T			
C14	4030006850	S.CER	C1608 JB 1H 471K-T			
C15	4030009530	S.CER	C1608 CH 1H 030B-T			
C16	4030009530	S.CER	C1608 CH 1H 030B-T			
C17	4030009500	S.CER	C1608 CH 1H 0R5B-T			
C18	4510008500	S.ELE	EEE1CA101WP			
C19	4030006860	S.CER	C1608 JB 1H 102K-T			
C20	4030006970	S.CER	C1608 CH 1H 060D-T			
C24	4030007050	S.CER	C1608 CH 1H 220J-T			
C25	4030007050	S.CER	C1608 CH 1H 220J-T			
C26	4030006860	S.CER	C1608 JB 1H 102K-T			
C27	4030007050	S.CER	C1608 CH 1H 220J-T			
C28	4030006860	S.CER	C1608 JB 1H 102K-T			
C29	4030007050	S.CER	C1608 CH 1H 220J-T			
C30	4030006880	S.CER	C1608 JB 1H 472K-T			
C31	4030006880	S.CER	C1608 JB 1H 472K-T			
J1	6510004960	CNR	3022-02B			
J3	6910008021	CNR	IPS-1323-PT			
J4	6510004960	CNR	3022-02B			
J5	6910008021	CNR	IPS-1323-PT			

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC2	1110006750	S.IC	TK14570LTL-G	T	177.6/72.7
IC3	1110002700	S.IC	NJM2904M-TE1	T	173.8/64.9
IC4	1110003800	S.IC	NJM2904V-TE1	T	161.2/72
IC5	1110006880	S.IC	uPC3217GV-E1	T	222.3/47.1
IC6	1110006730	S.IC	NJM2594V-TE1	T	170.9/38.7
IC7	1110006730	S.IC	NJM2594V-TE1	T	92.9/70
IC8	1110003491	S.IC	TA31136FNG (D,EL)	T	110/80.4
IC9	1110000960	S.IC	NJM4558M-TE1	B	124.1/99.5
IC10	1110003800	S.IC	NJM2904V-TE1	T	42.5/87.2
IC11	1130011170	S.IC	BU4001BF-E2	B	52.2/92.9
IC12	1110003800	S.IC	NJM2904V-TE1	T	62/91.1
IC13	1110003800	S.IC	NJM2904V-TE1	T	152.4/73.5
IC15	1130007700	S.IC	BU4094BCF-E2	T	165.1/9.2
IC16	1130007700	S.IC	BU4094BCF-E2	T	155.6/9.2
IC17	1180001071	S.IC	TA7805F (TE16L,Q)	T	13.8/3.6
IC18	1130007700	S.IC	BU4094BCF-E2	T	174.7/9.2
IC19	1130007690	S.IC	BU4066BCF-E2	B	73/79.1
IC20	1110006300	S.IC	NJM2172V-TE1	T	36.1/66.3
IC21	1110002550	IC	TA7252AP		
IC22	1180001531	IC	PQ30RV31J00H		
IC23	1110002031	IC	TA7808S (Q)		
IC24	1180001251	S.IC	TA7808F (TE16L,Q)	T	62.6/34
IC25	1180001510	S.IC	AN78L24M-(E1)	B	76.2/42.3
IC26	1180001500	S.IC	AN79L08M-(E1)	B	92.2/23.6
IC27	1130005721	S.IC	TC7W04F (TE12L,F)	T	247.9/72.3
IC28	1120002510	S.IC	DS14C232TM S	B	240.6/80
IC29	1130007680	S.IC	BU4053BCF-E2	B	61.9/70.4
IC30	1130007680	S.IC	BU4053BCF-E2	B	75/69.4
IC31	1110003780	S.IC	NJM2902V-TE1	T	63.7/60.5
IC32	1110003800	S.IC	NJM2904V-TE1	T	80.4/67.2
IC33	1140012701	S.IC	HD64F3334YF16V (RX1768D)	T	246.6/57.5
IC34	1140005612	S.IC	HN58C256AFP10E	B	245.5/66
IC35	1130011180	S.IC	BU4081BF-E2	B	253.2/79.7
IC37	1110005711	S.IC	S-80842CLUA-B63-T2G	T	255.4/14.8
IC38	1180001071	S.IC	TA7805F (TE16L,Q)	T	235.8/14
IC39	1130013390	S.IC	CAT5113V-50-TE13	B	72.4/57.4
IC40	1130005591	S.IC	TC74HC86AF (F)	B	88.1/95.4
IC41	1130005121	S.IC	TC74HC74AF (EL,F)	B	77.1/95.4
IC42	1110005711	S.IC	S-80842CLUA-B63-T2G	B	40.1/55.5
IC43	1130005641	S.IC	TC4W53F (TE12L,F)	B	167/70
Q1	1530002280	S.TR	2SC4081 T106 S	T	184.8/99.8
Q2	1580000540	S.FET	3SK131-T2-LA	B	207.5/85.6
Q3	1590001330	S.TR	DTA114EUA T106	T	183.7/78.4
Q4	1580000540	S.FET	3SK131-T2-LA	B	205.7/71.9
Q5	1530002981	S.TR	2SC3650-TD-E	T	166.2/90.8
Q6	1530002280	S.TR	2SC4081 T106 S	B	173.2/62.1
Q7	1590001770	S.TR	XP1213 (TX)	T	158.3/79.2
Q8	1590002010	S.TR	XP1114 (TX)	T	183.2/32.9
Q9	1560000561	S.FET	2SK882-GR (TE85L,F)	B	213/56.4
Q10	1590001650	S.TR	XP4601 (TX)	T	211.2/39.2
Q11	1560000561	S.FET	2SK882-GR (TE85L,F)	B	220.2/38.9
Q12	1530002280	S.TR	2SC4081 T106 S	T	215.4/43.4
Q13	1590001960	S.TR	XP4311 (TX)	T	211.1/44.8
Q14	1530002280	S.TR	2SC4081 T106 S	B	205.5/53.4
Q15	1580000540	S.FET	3SK131-T2-LA	B	199.1/56.3
Q16	1580000540	S.FET	3SK131-T2-LA	B	114.3/63.7
Q17	1580000540	S.FET	3SK131-T2-LA	B	102.7/63.2
Q18	1530002280	S.TR	2SC4081 T106 S	T	99.2/73.9
Q20	1590000430	S.TR	DTC144EUA T106	T	124.1/100.9
Q21	1510000771	S.TR	2SA1586-GR (TE85R,F)	T	120.1/100.9
Q23	1510000771	S.TR	2SA1586-GR (TE85R,F)	B	108/98.3
Q25	1590001330	S.TR	DTA114EUA T106	T	118.8/95.7
Q26	1590001770	S.TR	XP1213 (TX)	T	122/95.7
Q27	1530002280	S.TR	2SC4081 T106 S	B	101/85.6
Q28	1590001451	S.FET	2SJ144-GR (TE85R,F)	B	65/98.5
Q29	1590001770	S.TR	XP1213 (TX)	T	124.9/92.4
Q30	1590000430	S.TR	DTC144EUA T106	T	53.5/84.2
Q31	1590000430	S.TR	DTC144EUA T106	B	155.7/72.1
Q32	1590001330	S.TR	DTA114EUA T106	T	169/20.2
Q33	1590001770	S.TR	XP1213 (TX)	T	168.9/16.6
Q34	1590001770	S.TR	XP1213 (TX)	T	166.3/16.2
Q35	1590001001	S.TR	RN2427 (TE85R,F)	T	145.6/6
Q36	1590000430	S.TR	DTC144EUA T106	T	150.1/10.4
Q37	1590001770	S.TR	XP1213 (TX)	T	177.4/16.7
Q39	1590001001	S.TR	RN2427 (TE85R,F)	T	182/23.2
Q40	1590001770	S.TR	XP1213 (TX)	T	180/16.7
Q41	1590002010	S.TR	XP1114 (TX)	T	177.4/20.8
Q42	1590001770	S.TR	XP1213 (TX)	T	174.1/16.7
Q43	1590002010	S.TR	XP1114 (TX)	T	174.3/20.8
Q44	1590001770	S.TR	XP1213 (TX)	T	171.5/16.7
Q45	1590002010	S.TR	XP1114 (TX)	T	171.5/20.2
Q46	1590001330	S.TR	DTA114EUA T106	T	67.1/79.1
Q47	1530002280	S.TR	2SC4081 T106 S	T	61/74.4
Q48	1530002280	S.TR	2SC4081 T106 S	B	44.2/70.4
Q49	1530002280	S.TR	2SC4081 T106 S	T	35.6/83.3
Q50	1530002280	S.TR	2SC4081 T106 S	B	37.8/4.2
Q51	1530002801	S.TR	2SC2873-Y (TE12R,CF)	T	62.8/26
Q52	1530002801	S.TR	2SC2873-Y (TE12R,CF)	T	62.8/20.8
Q53	1590001650	S.TR	XP4601 (TX)	T	242/72.3
Q54	1590001770	S.TR	XP1213 (TX)	T	61.5/66.5
Q55	1590001330	S.TR	DTA114EUA T106	T	138.7/16.1
Q56	1590001330	S.TR	DTA114EUA T106	T	180.1/20.6
Q57	1530002280	S.TR	2SC4081 T106 S	T	243.8/19.6
Q58	1590001960	S.TR	XP4311 (TX)	T	201.4/42.6
Q59	1590000430	S.TR	DTC144EUA T106	B	128.7/95.4

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION			M.	H/V LOCATION
Q60	1590000430	S.TR	DTC144EUA T106		T	122/98.3
Q61	1590000430	S.TR	DTC144EUA T106		B	169.2/78.3
Q62	1530002280	S.TR	2SC4081 T106 S		T	51.5/72
Q63	1590000430	S.TR	DTC144EUA T106		T	69/75.1
Q64	1530002280	S.TR	2SC4081 T106 S		B	104.9/72.3
Q65	1560000561	S.FET	2SK882-GR (TE85L,F)		B	101.1/95.2
Q66	1530002280	S.TR	2SC4081 T106 S		B	85/84.8
Q67	1530002280	S.TR	2SC4081 T106 S		B	76.2/88.3
Q68	1590000430	S.TR	DTC144EUA T106		B	79.6/88.3
Q69	1590001960	S.TR	XP4311 (TX)		T	85.5/93.5
Q70	1590000430	S.TR	DTC144EUA T106		T	150.8/65.5
Q71	1510000701	S.TR	2SA1736 (TE12R,F)		B	17/79
Q72	1560000831	S.FET	2SK2036 (TE85L,F)		B	18.5/73.6
Q73	1560000831	S.FET	2SK2036 (TE85L,F)		B	33.1/56.9
Q74	1590000430	S.TR	DTC144EUA T106		B	135.5/97.1
Q75	1590000430	S.TR	DTC144EUA T106		B	138.6/86.9
Q491	1560000831	S.FET	2SK2036 (TE85L,F)		T	254/75.2
D1	1790000450	S.DIO	MA862 (TX)		B	184.3/91.3
D2	1790000450	S.DIO	MA862 (TX)		B	217.2/78.8
D3	1790000450	S.DIO	MA862 (TX)		B	217.2/75
D4	1750000550	S.DIO	1SS355 TE-17		T	256.4/39.3
D5	1750000111	S.DIO	1SS272 (TE85R,F)		T	183.3/36.4
D6	1790000450	S.DIO	MA862 (TX)		B	186.4/36.6
D7	1790000450	S.DIO	MA862 (TX)		B	177.4/36.7
D8	1790000450	S.DIO	MA862 (TX)		B	186.4/40.8
D9	1790000450	S.DIO	MA862 (TX)		B	177.4/40.8
D10	1790001211	S.DIO	1SS375-TL-E		B	219.5/46.1
D11	1790000450	S.DIO	MA862 (TX)		B	143.8/53.3
D12	1790000450	S.DIO	MA862 (TX)		B	115.9/56.4
D13	1790000450	S.DIO	MA862 (TX)		B	139.9/77.7
D14	1790000450	S.DIO	MA862 (TX)		B	119.3/76.6
D15	1790001211	S.DIO	1SS375-TL-E		T	93.4/77.7
D16	1790001211	S.DIO	1SS375-TL-E		B	134/94.5
D17	1750000550	S.DIO	1SS355 TE-17		T	125.1/98.3
D18	1750000520	S.DIO	DAN222TL		T	127.8/100.9
D19	1750000111	S.DIO	1SS272 (TE85R,F)		T	119.9/91.1
D20	1790001211	S.DIO	1SS375-TL-E		B	100.9/77.7
D21	1750000520	S.DIO	DAN222TL		T	124.9/94.8
D23	1750000550	S.DIO	1SS355 TE-17		T	153/87.5
D24	1750000520	S.DIO	DAN222TL		T	258.4/39
D25	1750000111	S.DIO	1SS272 (TE85R,F)		T	57.3/86.9
D26	1750000520	S.DIO	DAN222TL		T	74.6/85.3
D27	1750000550	S.DIO	1SS355 TE-17		T	63.9/85.9
D28	1750000520	S.DIO	DAN222TL		T	150.8/68.1
D29	1750000550	S.DIO	1SS355 TE-17		T	253.8/39.3
D31	1750000520	S.DIO	DAN222TL		T	71.4/79.1
D32	1750000520	S.DIO	DAN222TL		T	73.1/80.7
D33	1750000550	S.DIO	1SS355 TE-17		T	69.4/78.2
D34	1790000700	DIO	DSA3A1			
D35	1790000700	DIO	DSA3A1			
D38	1750000550	S.DIO	1SS355 TE-17		T	43.5/3.1
D39	1750000111	S.DIO	1SS272 (TE85R,F)		T	79.4/30.7
D40	1750000111	S.DIO	1SS272 (TE85R,F)		T	82.9/31
D41	1750000111	S.DIO	1SS272 (TE85R,F)		T	87/29.2
D42	1750000111	S.DIO	1SS272 (TE85R,F)		T	87.2/32.7
D43	1750000550	S.DIO	1SS355 TE-17		T	239.4/70
D44	1750000111	S.DIO	1SS272 (TE85R,F)		T	141.9/19
D45	1750000550	S.DIO	1SS355 TE-17		T	10.6/22.7
D46	1750000550	S.DIO	1SS355 TE-17		T	256.6/21.8
D47	1750000111	S.DIO	1SS272 (TE85R,F)		B	248/41.2
D48	1750000520	S.DIO	DAN222TL		T	248.7/42.3
D54	1730000431	S.ZEN	RD10M-T2B-A B2		T	160.1/91.8
D55	1750000550	S.DIO	1SS355 TE-17		T	147.9/9.2
D56	1710000840	S.DIO	1SR154-400 TE25		B	26.5/47.2
D57	1710000840	S.DIO	1SR154-400 TE25		B	26.5/44.1
D59	1750000550	S.DIO	1SS355 TE-17		T	77.5/99.5
D60	1750000550	S.DIO	1SS355 TE-17		T	70.4/92.1
D61	1790000450	S.DIO	MA862 (TX)		B	86/64
D62	1750000520	S.DIO	DAN222TL		T	148.7/67.7
D63	1750000520	S.DIO	DAN222TL		T	147.6/24.9
D64	1750000550	S.DIO	1SS355 TE-17		T	252.4/41.1
D65	1750000550	S.DIO	1SS355 TE-17		T	259.6/44.9
D66	1750000550	S.DIO	1SS355 TE-17		T	78.3/38.4
FI1	2020001170	S.CER	SFECA10.7MS2-A-TC		T	190.2/70.5
FI2	2020001170	S.CER	SFECA10.7MS2-A-TC		T	184.3/66.4
FI3	2010000090	FIL	10M15BA (FL-75)			
FI4	2020000210	CER	CFJ455K5 (FL-65)			
FI5	2020001180	S.CER	SFPCA455KH1A-R1	[OTH-02]	T	134.5/68.2
	2020001181	S.CER	SFPKA455KH1A-R1	[EUR-01]	T	134.5/68.2
FI6	2020001180	S.CER	SFPCA455KH1A-R1	[OTH-02]	T	124.7/68.2
	2020001181	S.CER	SFPKA455KH1A-R1	[EUR-01]	T	124.7/68.2
FI7	2020001050	S.CER	SFPCA455KE4A-R1	[OTH-02]	T	134.8/79
	2020001051	S.CER	SFPKA455KE4A-R1	[EUR-01]	T	134.8/79
FI8	2020001050	S.CER	SFPCA455KE4A-R1	[OTH-02]	T	124.7/79
	2020001051	S.CER	SFPKA455KE4A-R1	[EUR-01]	T	124.7/79
X1	6070000250	S.DCR	CDSCB10M7GF122-R0		T	171.8/74.6
X2	6070000150	S.DCR	CDBCB455KCAY24-R0	[OTH-02]	T	108/72
	6070000151	S.DCR	CDBKB455KCAY24-R0	[EUR-01]	T	108/72
X3	6050009661	S.XTL	MA-406 (9.8304 MHz-F)		T	239/41.1

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L1	6200003051	S.COL	NLV32T-R82J	B	190.3/80.3
L2	6200003381	S.COL	#617PT-1837=P3	T	191.1/85.5
L3	6200003381	S.COL	#617PT-1837=P3	T	180.6/85.5
L4	6200003261	S.COL	NLV32T-101J	T	181.8/93.7
L5	6200003021	S.COL	NLV32T-R33J	B	180/98.9
L6	6200000020	S.COL	LQH32MN101K23L	T	174.6/91.3
L7	6150004170	COL	LS-476		
L8	6150004170	COL	LS-476		
L9	6150004200	COL	LS-479		
L10	6150004210	COL	LS-480		
L13	6200003151	S.COL	NLV32T-180J	T	165.2/66.3
L14	6150004200	COL	LS-479		
L17	6150004210	COL	LS-480		
L18	6150004170	COL	LS-476		
L20	6200003261	S.COL	NLV32T-101J	T	222.6/34.9
L21	6150004170	COL	LS-476		
L22	6150004170	COL	LS-476		
L23	6200003261	S.COL	NLV32T-101J	T	164.9/39.2
L24	6200005501	S.COL	NLV32T-471J	B	114.8/71.5
L25	6150002271	COL	LS-451		
L26	6150002291	COL	LS-450		
L27	6200003261	S.COL	NLV32T-101J	T	116.1/76.3
L28	6200003950	S.COL	HF50ACC 322513-T	T	73.8/12.6
L29	6200003261	S.COL	NLV32T-101J	T	183.8/16.6
L30	6200003261	S.COL	NLV32T-101J	T	44.8/8.3
L31	6200003261	S.COL	NLV32T-101J	T	70.8/12.3
L32	6200003261	S.COL	NLV32T-101J	T	187.9/16.7
L33	6200003261	S.COL	NLV32T-101J	T	191.8/28.5
L34	6200003950	S.COL	HF50ACC 322513-T	T	191.8/25.5
L37	6200003950	S.COL	HF50ACC 322513-T	T	228.5/6.9
L38	6200003261	S.COL	NLV32T-101J	T	28.8/65
L39	6170000140	COL	LW-15		
L40	6200003021	S.COL	NLV32T-R33J	B	173.6/91.8
L41	6200003950	S.COL	HF50ACC 322513-T	T	155.3/91.4
L42	6200003950	S.COL	HF50ACC 322513-T	T	22.6/90.4
L43	6200003950	S.COL	HF50ACC 322513-T	T	22.6/93.8
L44	6180002690	COL	SK-17P-070-110		
L45	6200005160	S.COL	7A06L-101K-A	T	54.5/23.1
L46	6200005170	S.COL	7010-2N-1768	T	74.9/23.1
L47	6200001851	S.COL	NLV32T-5R6J	B	224.3/41.5
L48	6200005160	S.COL	7A06L-101K-A	T	52.9/42.3
L49	6200003261	S.COL	NLV32T-101J	T	104/95.8
L50	6200003261	S.COL	NLV32T-101J	T	100.6/98.3
L51	6200003261	S.COL	NLV32T-101J	T	82.1/98.8
L52	6200003261	S.COL	NLV32T-101J	T	69.2/49.9
L53	6200000020	S.COL	LQH32MN101K23L	T	171.6/91.3
L54	6200009871	S.COL	NLV25T-120J	T	170.6/78.4
R2	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	191.1/85.9
R3	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	181/85.5
R4	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	B	186.1/93.6
R5	7030003740	S.RES	ERJ3GEYJ 334 V (330 k)	T	185.1/97.9
R6	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	183.2/96.6
R7	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	185.8/101.7
R8	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	B	204.3/80
R9	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	206/81.9
R10	7030003240	S.RES	ERJ3GEYJ 220 V (22)	B	205/85.7
R11	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	206.5/88.6
R12	7030003330	S.RES	ERJ3GEYJ 121 V (120)	B	208/82.1
R14	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	B	211.2/85.1
R15	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	209.9/81.9
R16	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	B	219.5/85.3
R17	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	B	221.9/77.7
R18	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	B	215.9/70.6
R19	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	B	212.7/72.1
R20	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	B	208.4/72.1
R21	7030003580	S.RES	ERJ3GEYJ 153 V (15 k)	B	207.1/75.1
R22	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	206.1/68.8
R23	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	201.2/76.4
R24	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	204.5/72
R25	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	205.4/75.1
R26	7030000340	S.RES	MCR10EZHJ 470 (471)	T	166/87
R27	7030003860	S.RES	ERJ3GE JPW V	B	199.1/71.6
R33	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	189.3/67.6
R34	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	166.1/74.7
R35	7030003650	S.RES	ERJ3GEYJ 563 V (56 k)	B	170.9/76.4
R36	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	168.3/76.4
R37	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	B	172.4/75.1
R38	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	B	163.9/85.7
R39	7030003470	S.RES	ERJ3GEYJ 182 V (1.8 k)	B	163.1/83.8
R40	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	T	175.3/76.9
R41	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)	T	177.9/75.7
R42	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)	T	175.5/60.9
R43	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)	T	173.5/60.2
R49	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	B	175.2/62
R50	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	176.6/62
R52	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	B	171.6/60.3
R55	7030003630	S.RES	ERJ3GEYJ 393 V (39 k)	B	157.1/79
R56	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	155.1/83.9
R57	7510001470	S.TMR	NTCG20 4AG 473JT	B	156.7/83.9
R58	7030003490	S.RES	ERJ3GEYJ 272 V (2.7 k)	B	161.1/82.3
R59	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	B	162/77.5
R60	7310004840	S.TRI	EVM-3YSX50 B35 (304)	T	162.8/79.1
R61	7030003740	S.RES	ERJ3GEYJ 334 V (330 k)	B	160.6/77.5
R62	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	161.2/76.6
R65	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	B	155.9/74.9

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R67	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	227.3/74.3
R68	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	188.8/40.7
R69	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	184.1/35.4
R70	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	181.9/34.6
R71	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	179.7/35.4
R72	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	178.9/33
R73	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	184.1/40.5
R74	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	181.9/41.3
R75	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	179.7/40.5
R76	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	180.5/42.6
R77	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	174.4/39.9
R78	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	181.8/30.9
R79	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	B	199.6/63
R80	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	193.1/59.5
R81	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	194.4/59.5
R82	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	212.9/58.4
R83	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	214.5/53.6
R85	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	T	210/37.1
R88	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	222.1/39
R89	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	216.4/38.4
R90	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	215.6/42.5
R91	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	215.3/41.4
R92	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	B	212.1/45
R93	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	208.2/47.7
R94	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	B	216/47.3
R95	7030003860	S.RES ERJ3GE JPW V	T	211.1/42.7
R96	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	211.3/51
R97	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	210.1/44.7
R98	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	208.2/45.5
R99	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	208.2/49
R101	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	202.3/56.3
R102	7030003240	S.RES ERJ3GEYJ 220 V (22)	B	199/58.7
R103	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	196/56.6
R104	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	200.2/49.1
R106	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	202.6/53.9
R107	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	T	165.6/37.1
R108	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	140.2/66.8
R110	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	140.6/52.3
R111	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	136.6/52.3
R113	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	117/53.1
R114	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	119.6/51.5
R115	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	141.4/59.9
R116	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	140.6/54.3
R117	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	137.7/54.3
R118	7030003860	S.RES ERJ3GE JPW V	B	118.2/60.3
R119	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	118.2/57.6
R120	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	119/55.4
R121	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	138.5/72.3
R122	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	136.9/76.7
R123	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	134.2/76.7
R124	7030003860	S.RES ERJ3GE JPW V	B	121.6/73.6
R125	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	122.4/75.6
R126	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	126.2/75.9
R127	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	139.7/81.9
R128	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	136.9/78.7
R129	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	134.2/78.7
R130	7030003860	S.RES ERJ3GE JPW V	B	121.6/79.6
R131	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	122.4/77.6
R132	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	126.2/79.5
R133	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	119/63.4
R134	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	116.6/66.9
R135	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	114.7/60.6
R136	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	114.1/67.4
R137	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	114.3/66.9
R138	7510001390	S.TMR NTCG20 3FH 332JT	T	103.4/65.7
R139	7310004820	S.TRI EVM-3YSX50 B33 (302)	T	103.6/61.2
R140	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	105.8/67.3
R141	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	102.7/59.7
R142	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	101.8/66.1
R143	7030003330	S.RES ERJ3GEYJ 121 V (120)	B	101.8/67.4
R144	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	112.7/74.3
R145	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	115.4/75.6
R146	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	92.5/72.3
R147	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	93.3/74.2
R148	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	92.5/78.9
R149	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	89.7/78.9
R150	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	89.7/76.9
R151	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	86/64
R152	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	101.1/74
R153	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	100/70.7
R154	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	97.3/74
R155	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	91.4/78.8
R156	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	93.5/82.2
R157	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	93.5/80.9
R158	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	91.5/83
R159	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	88.6/83
R160	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	107.2/80.1
R163	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	114.9/82.2
R164	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	113.4/85.2
R165	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	113.4/87.8
R166	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	110.7/90.8
R167	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	78.2/75.3
R168	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	137.9/96
R169	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	137.9/98.9
R170	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	161.3/71.7
R173	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	160.5/67.5
R174	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	158.6/73.5

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R175	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	160.3/66.8
R176	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	126.1/100.9
R178	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	114.9/100.8
R179	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	110.2/100.2
R180	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	110.2/97.3
R181	7030003610	S.RES ERJ3GEYJ 273 V (27 k)	B	111.6/100
R182	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)	B	114.2/93.9
R183	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)	B	116.3/96.3
R184	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	108.3/93.3
R186	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	120.5/93.5
R187	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	101.8/87.7
R188	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	100.9/80.8
R190	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	92.3/52.6
R191	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	B	117.1/102.1
R192	7510001390	S.TMR NTCG20 3FH 332JT	B	114.1/102.4
R193	7030005451	S.RES ERA3YED 153V (15 k)	T	128.7/98.4
R194	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	B	119/102.2
R195	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	118.7/100.2
R196	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	121.8/95.3
R197	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	118.2/97.9
R199	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	137.6/91.6
R200	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	47.5/86.4
R201	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	47.7/83.2
R202	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	43.1/89.1
R203	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	46.4/84.8
R204	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	41.8/85.4
R205	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	45.2/90.6
R206	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	38.6/90.3
R207	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	41.6/89.9
R208	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	58.5/93.5
R209	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	51.3/87.3
R210	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	51.7/95.7
R211	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	66.4/95.1
R212	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	58.5/92.3
R213	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	64.5/95.9
R214	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	62.8/98.6
R215	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	72.1/85.9
R216	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	61.4/91
R217	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	55.4/89.8
R218	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	58.3/90
R219	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	56.5/91.7
R220	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	B	57.6/88.7
R221	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	60.7/85.9
R222	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	65.1/89.4
R224	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	56.8/85.7
R225	7030003740	S.RES ERJ3GEYJ 334 V (330 k)	T	56.4/84.5
R226	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	72.1/84.6
R227	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	60.7/85.7
R228	7030003810	S.RES ERJ3GEYJ 125 V (1.2 M)	B	59/89.5
R229	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	53.5/87.3
R230	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	131.7/90.5
R231	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	151.9/73.1
R232	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	153.5/68
R233	7310004870	S.TRI EVM-3YSX50 B54 (503)	T	154.8/65
R234	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	154.4/78.2
R235	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	151/76
R236	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	151.8/79.3
R237	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	149.8/68.9
R238	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	155.8/70.2
R240	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	250.9/23.8
R244	7030007510	S.RES ERJ12YJ270U (27)	B	30/3.3
R245	7030007510	S.RES ERJ12YJ270U (27)	B	26.3/3.3
R246	7410001070	S.ARY EXB-V8V 221V (220)	T	166.2/21.9
R247	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	75.7/72.8
R248	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	65.9/78.3
R249	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	64.5/77.5
R250	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	65.3/75.3
R251	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)	B	56.4/72.3
R252	7310004290	TRI RH0615CS4J 47K (473)		
R253	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	48/73.3
R254	7310004290	TRI RH0615CS4J 47K (473)		
R255	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	46.4/73.3
R256	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	44.2/72.5
R257	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	43.9/76.4
R258	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	44.2/68.2
R259	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	44.7/63.9
R260	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	43.4/59.7
R261	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	43.5/62.4
R262	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	41.1/67.4
R263	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	45.3/71.7
R264	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	36.8/71.3
R265	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	27.3/59.3
R266	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	48.3/84.2
R267	7030003570	S.RES ERJ3GEYJ 123 V (12 k)	T	33.4/76.4
R268	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	37.7/81.3
R269	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	37.7/84
R270	7030003360	S.RES ERJ3GEYJ 221 V (220)	T	41.8/77.2
R271	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	35.5/81.2
R272	7030003420	S.RES ERJ3GEYJ 681 V (680)	T	35.5/85.2
R273	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	33.4/85.9
R274	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	23.8/64.1
R275	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	23.8/65.4
R276	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	17.5/73.9
R277	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	18.8/69.8
R278	7030004050	S.RES ERJ3GEYJ 1R0 V (1)	T	30.4/78.5
R279	7030003400	S.RES ERJ3GEYJ 471 V (470)	T	4.9/33.5
R280	7310004780	S.TRI EVM-3YSX50 B13 (102)	T	9/33.5

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R281	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	13.1/32.5
R282	7030010540	S.RES ERJ1TYJ 330U (33)	B	12.2/29.9
R283	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.8/1
R284	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.8/2.3
R285	7030010540	S.RES ERJ1TYJ 330U (33)	B	12.2/25.8
R286	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	59.5/23.2
R287	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	59.4/26.7
R288	7030006220	S.RES ERJ12YJ470U (47)	B	74.7/35.6
R289	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	86.8/37.9
R290	7030007510	S.RES ERJ12YJ270U (27)	B	86.6/23.1
R291	7030003200	S.RES ERJ3GEYJ 100 V (10)	T	95.1/30.5
R292	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	251.4/70.9
R293	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	244.4/72.3
R294	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	T	242.8/74.2
R295	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)	T	239.5/72.3
R296	7030003620	S.RES ERJ3GEYJ 333 V (33 k)	T	238.2/72.3
R297	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	58.2/66.1
R298	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	64.3/69.7
R299	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	66.7/75.8
R300	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	69.3/71.5
R301	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	T	68.9/59.3
R302	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	T	65.1/71
R303	7030003570	S.RES ERJ3GEYJ 123 V (12 k)	T	65.1/72.3
R304	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	67.9/55.7
R305	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	T	68.9/57.3
R306	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	64/56.2
R307	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	63.7/63.9
R308	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	62.7/56.2
R309	7030003670	S.RES ERJ3GEYJ 823 V (82 k)	B	69.1/68.6
R310	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	70.5/65.8
R311	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	58.2/61
R312	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	61.4/56.2
R315	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)	T	112.4/73.4
R316	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	112.1/85.2
R317	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	106/84.5
R318	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	B	107.8/83.7
R319	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)	B	123.7/95.3
R320	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	125.1/95.3
R322	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	128.7/99.1
R323	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	86.1/58.7
R324	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	95.5/84.1
R325	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	40.4/6.9
R326	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	46.2/56.4
R329	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	127.6/93.3
R330	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/54.1
R331	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/52.8
R332	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	246.6/51.5
R333	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	258.8/19.2
R334	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	258.8/15.8
R335	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	247.6/20.8
R336	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	251.9/21.6
R337	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	253.8/20.8
R338	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	T	250/20.8
R339	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	252.8/38.3
R340	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	252.3/33.5
R341	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	252.3/36.9
R342	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	258.3/68.5
R343	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	259.1/70.5
R344	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/33
R345	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.6/25.1
R346	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.6/23.8
R347	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	258.6/61.4
R348	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/30.4
R349	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	247.7/46.1
R350	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	249.3/40.6
R351	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	236.2/51.1
R352	7030003630	S.RES ERJ3GEYJ 393 V (39 k)	T	253.8/71.7
R353	7030003860	S.RES ERJ3GE JPW V	B	257/62.4
R354	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	254.4/26.5
R355	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	254.4/27.8
R356	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	255.2/29.1
R357	7030010610	S.RES ERJ1TYJ 470U (47)	T	233.5/5.1
R358	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	253.8/72.9
R359	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	250/4.9
R361	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	153.6/84.5
R362	7510001380	S.TMR NTCG20 3JH 472JT	T	153.8/82.9
R364	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	124.4/93.3
R365	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	71.8/62.5
R366	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)	B	66.1/58.8
R367	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	105/66.3
R368	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	97.2/62.1
R370	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	82.3/61.4
R371	7030003410	S.RES ERJ3GEYJ 561 V (560)	B	183.3/37.5
R372	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	209.3/43.2
R373	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	T	196.3/81.8
R374	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	221.9/76.1
R375	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	184.5/30.9
R376	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	170.4/34.7
R377	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	68.9/58
R378	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	61.8/60.5
R379	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	49.1/72.2
R380	7030003700	S.RES ERJ3GEYJ 154 V (150 k)	T	51.5/70
R381	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	51.5/73.9
R382	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	48.3/70
R383	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)	T	89.4/81
R384	7030003350	S.RES ERJ3GEYJ 181 V (180)	B	222.2/52.4
R385	7030003310	S.RES ERJ3GEYJ 820 V (82)	B	191.1/88

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R386	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	189/88.8
R387	7030003310	S.RES ERJ3GEYJ 820 V (82)	B	191.1/89.6
R388	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	201.7/84.9
R389	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	129.7/70.3
R390	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	89/56.2
R391	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	91.1/57
R392	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	119.7/98.3
R393	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	122.1/100.9
R394	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	T	125/96.5
R395	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	58.2/67.9
R396	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.7/72.8
R397	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.7/71.4
R398	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	75.5/71
R399	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	110.3/100
R400	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	112.9/100
R401	7030003670	S.RES ERJ3GEYJ 823 V (82 k)	B	114.9/99.2
R402	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	39/6.9
R403	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	173.5/76.4
R404	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	107.9/88.4
R406	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	144/91.7
R407	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	47.2/69.6
R408	7030003800	S.RES ERJ3GEYJ 105 V (1 M)	B	63.7/63.3
R409	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	58.8/54.3
R410	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	T	74.3/50.1
R411	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	39.9/84.6
R412	7030003560	S.RES ERJ3GEYJ 103 V (10 k)	B	37.9/84.9
R413	7030003650	S.RES ERJ3GEYJ 563 V (56 k)	B	107/90.8
R414	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)	T	82.1/72.5
R415	7030003760	S.RES ERJ3GEYJ 474 V (470 k)	T	79/72.5
R416	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	78.1/62.4
R417	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	106.9/72.2
R418	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	106.9/69.3
R419	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	109.7/74.3
R420	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	106.9/74.3
R421	7030003430	S.RES ERJ3GEYJ 821 V (820)	B	108.9/70.1
R423	7030003860	S.RES ERJ3GE JPW V	B	33.7/66.8
R424	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	T	78.5/61.1
R425	7030003660	S.RES ERJ3GEYJ 683 V (68 k)	B	30.6/66.8
R426	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	100/100.5
R427	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	100/97.8
R428	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	101.1/93.3
R429	7030003360	S.RES ERJ3GEYJ 221 V (220)	B	89.2/86.8
R430	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	87.1/84.7
R431	7030003590	S.RES ERJ3GEYJ 183 V (18 k)	B	87.1/81.8
R432	7030003420	S.RES ERJ3GEYJ 681 V (680)	B	86.5/86.8
R433	7030003400	S.RES ERJ3GEYJ 471 V (470)	B	89.2/82.6
R435	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	93.3/98.6
R436	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	92.5/100.6
R437	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)	B	94.6/94.6
R438	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	93.3/94.6
R439	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	81.1/101.5
R440	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	82.7/94.5
R441	7030003320	S.RES ERJ3GEYJ 101 V (100)	B	82.9/98.6
R442	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	71.9/98.8
R443	7030003640	S.RES ERJ3GEYJ 473 V (47 k)	B	71.9/95.5
R444	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	70.3/92.4
R445	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	72.5/90.4
R446	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	72.8/92.1
R447	7310004860	S.TRI EVM-3YSX50 B53 (502)	T	67.7/95.1
R448	7030003600	S.RES ERJ3GEYJ 223 V (22 k)	T	72.8/90.8
R450	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	86.1/60
R451	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	88.9/66.2
R452	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	84.3/66.4
R454	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	B	101.7/82.8
R455	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	72.9/50.1
R456	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	245.5/46.1
R457	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	253.6/33.5
R458	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	252.4/45.8
R459	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	T	253.7/45.8
R460	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	240.4/44.5
R461	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	241.7/44.1
R462	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	241.3/47.1
R463	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	240/47.5
R464	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.3/49.3
R465	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.3/50.6
R466	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	242.8/51.9
R467	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	243.2/53.2
R468	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.7/66.1
R469	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.5/67.4
R470	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	255.2/68.7
R471	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	251.2/68.6
R472	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	237.2/52.9
R473	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	238.5/52.9
R474	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	239.8/52.9
R475	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	250.4/38.3
R476	7030003440	S.RES ERJ3GEYJ 102 V (1 k)	B	249.1/38.3
R477	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)	B	112.5/97.2
R478	7510001410	S.TMR NTCG20 3FH 222JT	B	114.1/96.9
R480	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)	T	114.9/83.4
R481	7030007510	S.RES ERJ12YJ270U (27)	B	33.7/3.3
R482	7030003320	S.RES ERJ3GEYJ 101 V (100)	T	68.1/61.3
R483	7030000440	S.RES MCR10EZHJ 3.3 k	B	14.1/74.7
R484	7030000440	S.RES MCR10EZHJ 3.3 k	B	16/74.7
R485	7030003720	S.RES ERJ3GEYJ 224 V (220 k)	B	22/71.8
R486	7030003680	S.RES ERJ3GEYJ 104 V (100 k)	B	35.6/56.3
R487	7030003580	S.RES ERJ3GEYJ 153 V (15 k)	B	193.6/55.9
R488	7510001370	S.TMR NTCG20 3NH 153JT	B	192/55.6

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

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REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R490	7510001400	S.TMR	NTCG20 3BH 152JT	B	115.1/77.2
R491	7030007510	S.RES	ERJ12YJ270U (27)	B	15/84
R494	7030003760	S.RES	ERJ3GEYJ 474 V (470 k)	T	253.8/77.6
R495	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	95.8/72.7
R496	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	251.9/76.4
R497	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	B	160.3/68.3
R498	7030003580	S.RES	ERJ3GEYJ 153 V (15 k)	B	163.2/66.8
R499	7510001370	S.TMR	NTCG20 3NH 153JT	B	163.5/65.2
R500	7510001360	S.TMR	NTCG20 3SH 333JT	B	119.3/95.5
R502	7510001400	S.TMR	NTCG20 3BH 152JT	B	207.1/78.3
R503	7030003360	S.RES	ERJ3GEYJ 221 V (220)	B	108.3/96.1
R504	7310004860	S.TRI	EVM-3YSX50 B53 (502)	T	208.1/85.9
R505	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	30.4/84.7
R506	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)	T	251.9/73.8
R507	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	107.2/67.5
R508	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	B	104.8/87.1
R509	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	153.3/85.9
R510	7030006200	S.RES	ERJ12YJ2R7U (2.7)	B	8.8/83.3
R511	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	B	139.4/95.4
R512	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	B	141.6/96.2
R513	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	B	163.5/71.5
R514	7030003400	S.RES	ERJ3GEYJ 471 V (470)	B	171.3/72
R515	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)	T	169.4/89.5
R516	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k) [EUR-01]	T	257.7/76
R518	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	257.7/73.2
R519	7030003860	S.RES	ERJ3GE JPW V	T	256.9/79.4
R520	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	224.1/55.2
R521	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	223.4/52.8
R525	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)	T	178.3/63.6
R526	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	179.5/63.6
R527	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	176.2/68.4
R528	7030003510	S.RES	ERJ3GEYJ 392 V (3.9 k)	T	178.3/67.6
R529	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	177.5/61.7
R530	7030003320	S.RES	ERJ3GEYJ 101 V (100)	B	168.5/64.4
R531	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	221.3/44.1
R532	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	218.8/41.5
R533	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	218/39.6
R534	7030003280	S.RES	ERJ3GEYJ 470 V (47)	B	223/32.7
R535	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	B	226.6/48.9
R536	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	B	226.6/51.8
C1	4030010760	S.CER	C1608 CH 1H 331J-T	B	193.1/78.8
C2	4030010760	S.CER	C1608 CH 1H 331J-T	B	193.1/81.8
C3	4030008920	S.CER	C1608 JB 1H 473K-T	B	185.3/95.8
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	185.2/94.3
C5	4030008920	S.CER	C1608 JB 1H 473K-T	T	185.1/96.6
C6	4030008920	S.CER	C1608 JB 1H 473K-T	T	182.7/101.6
C7	4030007170	S.CER	C1608 CH 1H 221J-T	T	179.4/100.3
C8	4030007110	S.CER	C1608 CH 1H 680J-T	T	181.8/99.5
C9	4030007170	S.CER	C1608 CH 1H 221J-T	T	179.4/98.7
C10	4030008920	S.CER	C1608 JB 1H 473K-T	T	178.4/94.9
C11	4030008920	S.CER	C1608 JB 1H 473K-T	B	198.7/80
C12	4030008920	S.CER	C1608 JB 1H 473K-T	B	203/80
C13	4030009000	S.CER	C2012 JB 1C 224K-T	B	208.1/89.1
C14	4030008920	S.CER	C1608 JB 1H 473K-T	B	209.3/82.1
C15	4030008920	S.CER	C1608 JB 1H 473K-T	T	208.5/80.3
C16	4030008920	S.CER	C1608 JB 1H 473K-T	B	211.2/82.1
C17	4030008920	S.CER	C1608 JB 1H 473K-T	B	219.5/88
C18	4030006860	S.CER	C1608 JB 1H 102K-T	B	219.6/76.9
C19	4030011600	S.CER	C1608 JB 1E 104K-T	B	217.2/69
C20	4030011600	S.CER	C1608 JB 1E 104K-T	B	208.4/75.1
C21	4030006880	S.CER	C1608 JB 1H 472K-T	B	207.4/68.8
C22	4030011600	S.CER	C1608 JB 1E 104K-T	B	202.8/75.1
C23	4030006880	S.CER	C1608 JB 1H 472K-T	B	204.1/75.1
C24	4030011600	S.CER	C1608 JB 1E 104K-T	B	199/73.4
C25	4030006880	S.CER	C1608 JB 1H 472K-T	B	196.4/71.6
C26	4030011600	S.CER	C1608 JB 1E 104K-T	T	169.2/87.5
C27	4030011600	S.CER	C1608 JB 1E 104K-T	T	162.8/91.8
C28	4510008500	S.ELE	EEE1CA101WP	T	159.7/85.6
C30	4030011600	S.CER	C1608 JB 1E 104K-T	T	181.2/69.8
C31	4510009280	S.ELE	EEE1EA4R7SR	T	169.1/69.7
C32	4030006880	S.CER	C1608 JB 1H 472K-T	T	172.6/70.5
C33	4030006900	S.CER	C1608 JB 1H 103K-T	T	181.7/72.9
C34	4030006900	S.CER	C1608 JB 1H 103K-T	T	167.4/78.4
C38	4030006900	S.CER	C1608 JB 1H 103K-T	B	166.4/77.1
C39	4030008880	S.CER	C1608 JB 1H 223K-T	T	164.6/83.7
C40	4030006850	S.CER	C1608 JB 1H 471K-T	T	177.9/76.9
C41	4030011600	S.CER	C1608 JB 1E 104K-T	T	173.5/61.5
C43	4030011600	S.CER	C1608 JB 1E 104K-T	B	154.5/74.9
C44	4030011600	S.CER	C1608 JB 1E 104K-T	B	86.1/57.4
C45	4030011600	S.CER	C1608 JB 1E 104K-T	T	163.3/75.7
C46	4030011600	S.CER	C1608 JB 1E 104K-T	B	225.2/76.5
C47	4030011600	S.CER	C1608 JB 1E 104K-T	B	189.6/38.7
C48	4030011600	S.CER	C1608 JB 1E 104K-T	B	183.3/33.3
C50	4030009530	S.CER	C1608 CH 1H 030B-T	B	216.9/65
C52	4030011600	S.CER	C1608 JB 1E 104K-T	B	178.9/31.7
C53	4030011600	S.CER	C1608 JB 1E 104K-T	T	183.4/42.9
C54	4030011600	S.CER	C1608 JB 1E 104K-T	B	183.3/42.6
C55	4030011600	S.CER	C1608 JB 1E 104K-T	B	180.5/43.9
C56	4030011600	S.CER	C1608 JB 1E 104K-T	T	177.7/33
C57	4030011600	S.CER	C1608 JB 1E 104K-T	B	195.8/59.5
C58	4030009520	S.CER	C1608 CH 1H 020B-T	B	208.6/60.6
C59	4030011600	S.CER	C1608 JB 1E 104K-T	B	214.5/50.4
C60	4030006880	S.CER	C1608 JB 1H 472K-T	B	213.2/50.4
C61	4030011600	S.CER	C1608 JB 1E 104K-T	T	224.9/53.3
C62	4030011600	S.CER	C1608 JB 1E 104K-T	T	224.1/50.9

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REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C63	4030011600	S.CER	C1608 JB 1E 104K-T	T	220/44.1
C64	4030011600	S.CER	C1608 JB 1E 104K-T	T	218.8/44.1
C65	4550003240	S.TAN	TEESVB 1E 335M12R	T	209.8/32.8
C66	4030011600	S.CER	C1608 JB 1E 104K-T	T	225/44.7
C67	4030011600	S.CER	C1608 JB 1E 104K-T		
C68	4030006880	S.CER	C1608 JB 1H 472K-T	B	213.3/38.4
C69	4030011600	S.CER	C1608 JB 1E 104K-T	B	214.8/40.4
C70	4030007140	S.CER	C1608 CH 1H 121J-T	B	218/41.6
C71	4030007170	S.CER	C1608 CH 1H 221J-T	B	217.6/46.2
C72	4510009280	S.ELE	EEE1EA4R7SR	T	210.7/49
C73	4030008920	S.CER	C1608 JB 1H 473K-T	T	208.9/43.5
C74	4510008540	S.ELE	EEE1CA100SR	T	211.8/54.5
C75	4030011600	S.CER	C1608 JB 1E 104K-T	B	211.2/49.5
C76	4030006880	S.CER	C1608 JB 1H 472K-T	B	196/55.3
C77	4030011600	S.CER	C1608 JB 1E 104K-T	B	202.3/53.1
C78	4030011600	S.CER	C1608 JB 1E 104K-T	B	203.3/45.4
C79	4030011600	S.CER	C1608 JB 1E 104K-T	B	174.3/37.7
C80	4030007030	S.CER	C1608 CH 1H 150J-T	B	167.7/37.4
C81	4030011600	S.CER	C1608 JB 1E 104K-T	T	175.4/37.5
C82	4030011600	S.CER	C1608 JB 1E 104K-T	T	168.9/36
C83	4030006860	S.CER	C1608 JB 1H 102K-T	T	163.2/41.4
C84	4030011600	S.CER	C1608 JB 1E 104K-T	T	163.2/42.6
C85	4030011600	S.CER	C1608 JB 1E 104K-T	B	138.6/51.5
C86	4030011600	S.CER	C1608 JB 1E 104K-T	B	118.3/51.5
C87	4030011600	S.CER	C1608 JB 1E 104K-T	B	138/56.3
C88	4030011600	S.CER	C1608 JB 1E 104K-T	B	119/54.1
C89	4030011600	S.CER	C1608 JB 1E 104K-T	B	136.1/74.8
C90	4030011600	S.CER	C1608 JB 1E 104K-T	B	124.9/75.9
C91	4030011600	S.CER	C1608 JB 1E 104K-T	B	136.1/80.6
C92	4030011600	S.CER	C1608 JB 1E 104K-T	B	124.9/79.5
C93	4030011600	S.CER	C1608 JB 1E 104K-T	B	117.4/64.7
C94	4030011600	S.CER	C1608 JB 1E 104K-T	B	115.8/68.8
C95	4030006880	S.CER	C1608 JB 1H 472K-T	B	113.4/60.6
C96	4030011600	S.CER	C1608 JB 1E 104K-T	B	113/66.9
C97	4030011600	S.CER	C1608 JB 1E 104K-T	B	111.6/57.6
C98	4030011600	S.CER	C1608 JB 1E 104K-T	T	109.9/67.5
C99	4030011600	S.CER	C1608 JB 1E 104K-T	B	104.5/65.6
C100	4030006880	S.CER	C1608 JB 1H 472K-T	B	101.4/59.7
C101	4030011600	S.CER	C1608 JB 1E 104K-T	B	101.8/66.1
C102	4030011600	S.CER	C1608 JB 1E 104K-T	B	99.5/57.5
C103	4030011600	S.CER	C1608 JB 1E 104K-T	B	115.4/74.3
C104	4030007170	S.CER	C1608 CH 1H 221J-T	B	92.6/71
C105	4030006850	S.CER	C1608 JB 1H 471K-T	B	86.9/67.2
C106	4030011600	S.CER	C1608 JB 1E 104K-T	T	88.3/71.4
C107	4030011600	S.CER	C1608 JB 1E 104K-T	T	95/67.4
C108	4030006880	S.CER	C1608 JB 1H 472K-T	B	91.7/74.2
C109	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.3/76.9
C110	4030006880	S.CER	C1608 JB 1H 472K-T	B	91.7/76.9
C111	4030007170	S.CER	C1608 CH 1H 221J-T	T	102.5/74
C112	4030011600	S.CER	C1608 JB 1E 104K-T	B	104.9/75.1
C113	4030011600	S.CER	C1608 JB 1E 104K-T	T	98.5/71.9
C114	4030007150	S.CER	C1608 CH 1H 151J-T	B	97.7/74.6
C115	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/75.7
C116	4030011600	S.CER	C1608 JB 1E 104K-T	T	95.5/81.4
C117	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/79.6
C118	4030011600	S.CER	C1608 JB 1E 104K-T	T	90.2/83
C120	4030011600	S.CER	C1608 JB 1E 104K-T	B	109.7/83
C122	4030011600	S.CER	C1608 JB 1E 104K-T	T	112.4/70.6
C123	4030007130	S.CER	C1608 CH 1H 101J-T	T	109.1/75.9
C124	4030006900	S.CER	C1608 JB 1H 103K-T	T	113.5/77.4
C125	4510008540	S.ELE	EEE1CA100SR	T	115.4/71.9
C126	4030006900	S.CER	C1608 JB 1H 103K-T	T	115.6/80.3
C127	4030008900	S.CER	C1608 JB 1H 333K-T	B	114.6/85.2
C128	4030008900	S.CER	C1608 JB 1H 333K-T	B	112.1/89.5
C129	4030011600	S.CER	C1608 JB 1E 104K-T	T	79.8/75.3
C130	4030011600	S.CER	C1608 JB 1E 104K-T	B	136.5/93.9
C131	4510008540	S.ELE	EEE1CA100SR	T	156.8/72.5
C132	4030011600	S.CER	C1608 JB 1E 104K-T	B	160.3/65.4
C133	4030008920	S.CER	C1608 JB 1H 473K-T	B	116.8/100
C134	4510008530	S.ELE	EEE1HA2R2SR	T	114.2/101.2
C135	4510008540	S.ELE	EEE1CA100SR	T	114.2/96.3
C136	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.3/94.7
C137	4550002890	S.TAN	TEESVA 1A 225M8R	B	110.7/96
C138	4030011810	S.CER	C1608 JB 1A 224K-T	B	101.8/89.2
C139	4030007130	S.CER	C1608 CH 1H 101J-T	T	100.9/77.3
C140	4510009150	S.ELE	EEE1EA470WP	T	100.9/81.5
C141	4030006860	S.CER	C1608 JB 1H 102K-T	B	119.5/97.9
C142	4510008540	S.ELE	EEE1CA100SR	T	136.8/95.2
C143	4030006880	S.CER	C1608 JB 1H 472K-T	B	45.1/86.4
C144	4510009150	S.ELE	EEE1EA470WP	T	41.5/100.2
C145	4030008920	S.CER	C1608 JB 1H 473K-T	B	41.8/88.3
C146	4510008530	S.ELE	EEE1HA2R2SR	T	39.6/93.6
C147	4030006880	S.CER	C1608 JB 1H 472K-T	B	39.5/87.1
C148	4030006900	S.CER	C1608 JB 1H 103K-T	T	44.3/89.9
C149	4030006900	S.CER	C1608 JB 1H 103K-T	T	48.5/95.7
C150	4030006900	S.CER	C1608 JB 1H 103K-T	B	45.2/92.8
C151	4510008860	S.ELE	EEE1AA100NR	T	56.7/95.4
C152	4510009280	S.ELE	EEE1EA4R7SR	T	62/99.5
C153	4030010210	S.CER	C3216 JB 1C 105M-T	B	65/101.2
C154	4030009110	S.CER	C3216 JB 1C 474K-T	B	63.2/93.6
C155	4510008500	S.ELE	EEE1CA101WP	T	50.7/91.4
C157	4510008530	S.ELE	EEE1HA2R2SR	T	67.7/85.9
C158	4510008540	S.ELE	EEE1CA100SR	T	147/78.5
C159	4510008540	S.ELE	EEE1CA100SR	T	147.8/71.9
C160	4030006880	S.CER	C1608 JB 1H 472K-T	B	148.6/70.2
C161	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.1/9.6
C162	4030006860	S.CER	C1608 JB 1H 102K-T	T	78.9/1.7

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C163	4030006860	S.CER	C1608 JB 1H 102K-T	T	80.2/1.7
C164	4030006860	S.CER	C1608 JB 1H 102K-T	T	81.5/1.7
C165	4030006860	S.CER	C1608 JB 1H 102K-T	T	186.7/19.2
C166	4030006860	S.CER	C1608 JB 1H 102K-T	T	187.6/2
C167	4030006860	S.CER	C1608 JB 1H 102K-T	T	193.6/2
C168	4030006860	S.CER	C1608 JB 1H 102K-T	T	45.4/4.9
C169	4030006860	S.CER	C1608 JB 1H 102K-T	T	186.3/2
C170	4030006860	S.CER	C1608 JB 1H 102K-T	T	204.9/16.4
C172	4030006860	S.CER	C1608 JB 1H 102K-T	T	44.1/11.7
C180	4030006860	S.CER	C1608 JB 1H 102K-T	T	71.1/9.6
C186	4030006860	S.CER	C1608 JB 1H 102K-T	T	180.9/8.5
C187	4030006860	S.CER	C1608 JB 1H 102K-T	B	259.1/71.8
C188	4030006860	S.CER	C1608 JB 1H 102K-T	T	189/28.7
C189	4030006860	S.CER	C1608 JB 1H 102K-T	T	188.2/23.3
C191	4030011600	S.CER	C1608 JB 1E 104K-T	T	227.7/9.4
C193	4030011600	S.CER	C1608 JB 1E 104K-T	T	247.8/68.9
C194	4030011600	S.CER	C1608 JB 1E 104K-T	T	80.5/60
C196	4030006900	S.CER	C1608 JB 1H 103K-T	T	162.1/2.7
C197	4030006900	S.CER	C1608 JB 1H 103K-T	T	152.6/2.7
C198	4030010210	S.CER	C3216 JB 1C 105M-T	B	20.8/2.8
C199	4030011600	S.CER	C1608 JB 1E 104K-T	T	21/5
C200	4510008500	S.ELE	EEE1CA101WP	T	15.6/10.5
C201	4030006900	S.CER	C1608 JB 1H 103K-T	T	171.7/2.7
C202	4030006900	S.CER	C1608 JB 1H 103K-T	B	78.3/79.9
C203	4030006880	S.CER	C1608 JB 1H 472K-T	T	67.2/77.2
C204	4030009000	S.CER	C2012 JB 1C 224K-T	T	64.6/80.7
C206	4030011600	S.CER	C1608 JB 1E 104K-T	B	47.2/71
C207	4510008540	S.ELE	EEE1CA100SR	T	37/77.6
C208	4030011600	S.CER	C1608 JB 1E 104K-T	B	46.4/67.4
C209	4030009110	S.CER	C3216 JB 1C 474K-T	T	42.8/66.2
C210	4510008540	S.ELE	EEE1CA100SR	T	35.2/61.2
C211	4510008830	S.ELE	EEE1CA221P	T	20.6/58.6
C212	4550006080	S.TAN	TEESVB2 1C 106M8R	T	41.1/71.7
C213	4030006850	S.CER	C1608 JB 1H 471K-T	T	36.8/69.8
C215	4030009000	S.CER	C2012 JB 1C 224K-T	T	28.8/62.2
C216	4030006880	S.CER	C1608 JB 1H 472K-T	T	31.5/66.4
C217	4030006880	S.CER	C1608 JB 1H 472K-T	T	50.9/84.2
C218	4030011600	S.CER	C1608 JB 1E 104K-T	T	33.4/79.4
C219	4510009150	S.ELE	EEE1EA470WP	T	42.5/81.6
C220	4030011600	S.CER	C1608 JB 1E 104K-T	T	33.4/82.9
C221	4030006880	S.CER	C1608 JB 1H 472K-T	T	35.6/86.7
C222	4030006860	S.CER	C1608 JB 1H 102K-T	T	15.6/63.8
C223	4510009150	S.ELE	EEE1EA470WP	T	11/61.7
C224	4510008830	S.ELE	EEE1CA221P	T	12/69.8
C225	4510009150	S.ELE	EEE1EA470WP	T	11.8/77.9
C226	4510008510	S.ELE	EEE1CA471P	T	25.4/72.4
C227	4510004601	ELE	16 ME 1000 HC+T0		
C228	4030011600	S.CER	C1608 JB 1E 104K-T	B	9/89
C229	4030011600	S.CER	C1608 JB 1E 104K-T	T	31.2/80.5
C230	4030006880	S.CER	C1608 JB 1H 472K-T	T	30.4/86.3
C231	4030007090	S.CER	C1608 CH 1H 470J-T	B	170.2/92.4
C232	4030006860	S.CER	C1608 JB 1H 102K-T	B	157.8/93
C233	4510009280	S.ELE	EEE1EA4R7SR	T	19.3/65.4
C235	4030006880	S.CER	C1608 JB 1H 472K-T	T	25.4/98.2
C236	4030006900	S.CER	C1608 JB 1H 103K-T	T	25.4/99.6
C238	4030006880	S.CER	C1608 JB 1H 472K-T	T	15/95.7
C239	4030018980	S.CER	C1608 JB 1H 104K-T	B	5.4/20.5
C240	4030018980	S.CER	C1608 JB 1H 104K-T	B	6.3/26.6
C241	4510009150	S.ELE	EEE1EA470WP	T	11.7/27.8
C242	4510004510	ELE	25 ME 470 HC+T0		
C243	4030018980	S.CER	C1608 JB 1H 104K-T	B	27.8/40
C244	4510008540	S.ELE	EEE1CA100SR	T	17.4/51.1
C245	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.4/50.9
C246	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.4/54.2
C247	4510008540	S.ELE	EEE1CA100SR	T	12.6/54.2
C248	4510008830	S.ELE	EEE1CA221P	T	62.3/42.1
C249	4030011600	S.CER	C1608 JB 1E 104K-T	T	57.8/38.2
C250	4030011600	S.CER	C1608 JB 1E 104K-T	T	54/27.1
C251	4510008830	S.ELE	EEE1CA221P	T	52.2/33.1
C252	4340000530	S.MLR	ECHU1H333JX5	T	67.3/23.3
C253	4510008740	S.ELE	EEE1HA330P	T	73.2/33.3
C254	4510008740	S.ELE	EEE1HA330P	T	73.2/42.1
C255	4030018980	S.CER	C1608 JB 1H 104K-T	B	72.6/41.3
C256	4030018980	S.CER	C1608 JB 1H 104K-T	B	79.8/41.3
C257	4510008880	S.ELE	EEE1VA330WP	T	83.1/41.5
C258	4510008880	S.ELE	EEE1VA330WP	T	90.4/41.5
C259	4510009150	S.ELE	EEE1EA470WP	T	86.8/22.3
C260	4510008570	S.ELE	EEE1CA220SR	T	93.3/21.9
C261	4030011600	S.CER	C1608 JB 1E 104K-T	B	92.2/28.9
C262	4030011600	S.CER	C1608 JB 1E 104K-T	B	93.7/28.9
C263	4510008540	S.ELE	EEE1CA100SR	T	92/28.1
C264	4510008540	S.ELE	EEE1CA100SR	T	92/32.9
C265	4030006900	S.CER	C1608 JB 1H 103K-T	T	243.6/70.4
C266	4510008540	S.ELE	EEE1CA100SR	T	243.5/82.1
C267	4510008540	S.ELE	EEE1CA100SR	T	237.5/82.1
C268	4510008540	S.ELE	EEE1CA100SR	T	237.4/77.3
C269	4510008540	S.ELE	EEE1CA100SR	T	243.4/77.3
C270	4030006900	S.CER	C1608 JB 1H 103K-T	B	246.6/83.2
C271	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/66.4
C272	4030006900	S.CER	C1608 JB 1H 103K-T	T	58.2/69.6
C273	4510008540	S.ELE	EEE1CA100SR	T	42.5/54.5
C274	4030009110	S.CER	C3216 JB 1C 474K-T	B	67.1/71.5
C275	4030006900	S.CER	C1608 JB 1H 103K-T	B	77.1/63.4
C276	4030006860	S.CER	C1608 JB 1H 102K-T	B	61.8/61.8
C277	4030006860	S.CER	C1608 JB 1H 102K-T	T	58.2/58.2
C279	4510008540	S.ELE	EEE1CA100SR	T	54.4/52.1
C281	4030006850	S.CER	C1608 JB 1H 471K-T	B	110.9/85.2

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C282	4030007170	S.CER	C1608 CH 1H 221J-T	B	107.2/86.5
C283	4030007170	S.CER	C1608 CH 1H 221J-T	B	108.4/86.5
C284	4030006900	S.CER	C1608 JB 1H 103K-T	T	111.6/85.8
C285	4030006880	S.CER	C1608 JB 1H 472K-T	B	131.5/97.9
C287	4030011600	S.CER	C1608 JB 1E 104K-T	B	242.6/55.4
C288	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/39.7
C289	4030007020	S.CER	C1608 CH 1H 120J-T	T	245.6/42.5
C290	4030009000	S.CER	C2012 JB 1C 224K-T	T	256.6/20
C291	4030006880	S.CER	C1608 JB 1H 472K-T	B	252.3/35.6
C292	4030006880	S.CER	C1608 JB 1H 472K-T	T	258/25.1
C293	4030006880	S.CER	C1608 JB 1H 472K-T	T	257.6/23.8
C294	4030006880	S.CER	C1608 JB 1H 472K-T	T	260.3/33
C295	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.9/61.5
C296	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.5/30.4
C297	4030010210	S.CER	C3216 JB 1C 105M-T	B	260.4/66.4
C298	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.7/27.8
C299	4030006880	S.CER	C1608 JB 1H 472K-T	T	258.2/26.5
C300	4030006880	S.CER	C1608 JB 1H 472K-T	T	259.2/29.1
C301	4030006900	S.CER	C1608 JB 1H 103K-T	B	251/84.9
C303	4510004510	ELE	25 ME 470 HC+T0		
C304	4030018980	S.CER	C1608 JB 1H 104K-T	B	239.8/10.1
C305	4030011600	S.CER	C1608 JB 1E 104K-T	T	243.5/16.2
C306	4510009150	S.ELE	EEE1EA470WP	T	236.5/21.1
C307	4030006900	S.CER	C1608 JB 1H 103K-T	B	75.8/59.2
C308	4030006880	S.CER	C1608 JB 1H 472K-T	T	254/4.9
C309	4030007090	S.CER	C1608 CH 1H 470J-T	T	177.7/96.3
C310	4030009000	S.CER	C2012 JB 1C 224K-T	T	167/83.9
C311	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/72
C312	4030011600	S.CER	C1608 JB 1E 104K-T	B	120.3/81.2
C313	4030011600	S.CER	C1608 JB 1E 104K-T	B	180.5/37.5
C314	4030010210	S.CER	C3216 JB 1C 105M-T	B	67/60.6
C315	4030010210	S.CER	C3216 JB 1C 105M-T	B	68.6/62.9
C316	4030010210	S.CER	C3216 JB 1C 105M-T	B	62.2/58.8
C317	4030006880	S.CER	C1608 JB 1H 472K-T	T	53.8/70.5
C318	4510008540	S.ELE	EEE1CA100SR	T	51.3/66.2
C319	4510008540	S.ELE	EEE1CA100SR	T	223.3/39.6
C320	4030007070	S.CER	C1608 CH 1H 330J-T	B	225/38.1
C321	4030006950	S.CER	C1608 CH 1H 040C-T	B	223.6/38.1
C322	4030006880	S.CER	C1608 JB 1H 472K-T	T	93.5/83.8
C323	4030011600	S.CER	C1608 JB 1E 104K-T	B	193.8/89.6
C324	4030011600	S.CER	C1608 JB 1E 104K-T	B	138.5/73.8
C325	4030011600	S.CER	C1608 JB 1E 104K-T	B	139.7/80.6
C326	4030006900	S.CER	C1608 JB 1H 103K-T	T	181.7/74.1
C328	4510008530	S.ELE	EEE1HA2R2SR	T	44.5/93.6
C330	4030006860	S.CER	C1608 JB 1H 102K-T	B	109.9/87.7
C331	4510008540	S.ELE	EEE1CA100SR	T	141.6/94.8
C332	4030006900	S.CER	C1608 JB 1H 103K-T	B	108.8/90
C333	4030008880	S.CER	C1608 JB 1H 223K-T	T	81.2/75.3
C334	4030008880	S.CER	C1608 JB 1H 223K-T	T	80.6/72.5
C335	4030011600	S.CER	C1608 JB 1E 104K-T	B	105.6/69.3
C336	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/73
C337	4030011600	S.CER	C1608 JB 1E 104K-T	B	108.9/71.4
C338	4030011600	S.CER	C1608 JB 1E 104K-T	B	177/85.5
C339	4510008540	S.ELE	EEE1CA100SR	T	105.8/100.8
C340	4030011600	S.CER	C1608 JB 1E 104K-T	B	101.3/97.8
C341	4030007090	S.CER	C1608 CH 1H 470J-T	T	95.8/76.5
C342	4030010020	S.CER	C1608 JB 1H 122K-T	T	97.8/98.3
C343	4510008540	S.ELE	EEE1CA100SR	T	86.6/100.3
C344	4030007090	S.CER	C1608 CH 1H 470J-T	B	95.3/97.8
C345	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/85.5
C346	4030007090	S.CER	C1608 CH 1H 470J-T	B	85.7/81.8
C347	4030011600	S.CER	C1608 JB 1E 104K-T	B	89.2/83.9
C348	4030007170	S.CER	C1608 CH 1H 221J-T	B	96.1/93
C349	4030006880	S.CER	C1608 JB 1H 472K-T	B	75.7/101.7
C350	4030006880	S.CER	C1608 JB 1H 472K-T	B	71.9/92.4
C351	4030006880	S.CER	C1608 JB 1H 472K-T	B	72.5/89
C352	4510008530	S.ELE	EEE1HA2R2SR	T	67.7/100.6
C353	4030009000	S.CER	C2012 JB 1C 224K-T	B	79.9/85.2
C354	4030011600	S.CER	C1608 JB 1E 104K-T	B	86.1/61.3
C355	4030011600	S.CER	C1608 JB 1E 104K-T	B	91.7/66.2
C356	4030011600	S.CER	C1608 JB 1E 104K-T	B	83.5/64.4
C357	4530000400	S.ARY	EZANCE 220M 22P	T	87.6/11.9
C358	4530000410	S.ARY	EZANCE 471M 470P	T	79.3/11.9
C359	4530000410	S.ARY	EZANCE 471M 470P	T	65.4/12.2
C360	4530000410	S.ARY	EZANCE 471M 470P	T	57.1/11.4
C361	4530000400	S.ARY	EZANCE 220M 22P	T	187.2/12.2
C362	4530000400	S.ARY	EZANCE 220M 22P	T	195.3/13.2
C363	4030007090	S.CER	C1608 CH 1H 470J-T	T	250.6/38.7
C364	4030007090	S.CER	C1608 CH 1H 470J-T	T	248.6/38.7
C365	4510004601	ELE	16 ME 1000 HC+T0		
C367	4030011600	S.CER	C1608 JB 1E 104K-T	T	117.5/83.4
C368	4550003240	S.TAN	TEESVB 1E 335M12R	B	6.5/33.3
C369	4530000410	S.ARY	EZANCE 471M 470P	T	48.8/12.2
C370	4530000410	S.ARY	EZANCE 471M 470P	T	215.3/13
C371	4530000410	S.ARY	EZANCE 471M 470P	T	207/13
C372	4530000400	S.ARY	EZANCE 220M 22P	T	215.5/24.3
C373	4530000410	S.ARY	EZANCE 471M 470P	T	206.9/24.3
C374	4530000410	S.ARY	EZANCE 471M 470P	T	193.6/21.3
C375	4030011600	S.CER	C1608 JB 1E 104K-T	B	94.1/91.4
C376	4030011600	S.CER	C1608 JB 1E 104K-T	T	65.3/56.2
C377	4510008540	S.ELE	EEE1CA100SR	T	60.1/50.4
C378	4030010210	S.CER	C3216 JB 1C 105M-T	B	21.6/75.9
C379	4030008880	S.CER	C1608 JB 1H 223K-T	B	55.5/76.2
C380	4030009110	S.CER	C3216 JB 1C 474K-T	B	244/9.2
C381	4030011600	S.CER	C1608 JB 1E 104K-T	B	71.9/101.6
C382	4030011600	S.CER	C1608 JB 1E 104K-T	T	256.9/55.6
C383	4030006880	S.CER	C1608 JB 1H 472K-T	B	106/87.1

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

[MAIN-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C384	4030010210	S.CER	C3216 JB 1C 105M-T	B	139.8/99.4
C385	4550006480	S.TAN	TEESVA 1C 475M8R	B	172/68.6
C386	4030011600	S.CER	C1608 JB 1E 104K-T	B	168.5/66.1
C387	4030007090	S.CER	C1608 CH 1H 470J-T	B	27/27.9
C388	4030007090	S.CER	C1608 CH 1H 470J-T	B	23/27.9
C389	4030007090	S.CER	C1608 CH 1H 470J-T	B	13.9/92.9
C390	4030007090	S.CER	C1608 CH 1H 470J-T	B	6.4/38
C391	4030007090	S.CER	C1608 CH 1H 470J-T	B	8.5/36.1
C392	4030007090	S.CER	C1608 CH 1H 470J-T	B	14.3/38.1
C393	4030007090	S.CER	C1608 CH 1H 470J-T	B	16.5/35.5
C525	4510008540	S.ELE	EEE1CA100SR	T	167.4/61.9
C526	4030006880	S.CER	C1608 JB 1H 472K-T	T	168.3/65
C535	4030011600	S.CER	C1608 JB 1E 104K-T		
RL1	6330001060	RLY	APQ 3311 (APQ3311K1)		
CP1	6910009670	S.CHK	HK3-S-T	T	175.6/79.7
CP2	6910009670	S.CHK	HK3-S-T	T	216/47.5
CP3	6910009670	S.CHK	HK3-S-T	T	154.8/61.1
CP4	6910009670	S.CHK	HK3-S-T	T	145.1/82
CP5	6910009670	S.CHK	HK3-S-T	T	160.6/64.9
J1	6510007020	CNR	TMP-J01X-V6		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510018450	CNR	TMP-S01X-B1		
J4	6510007020	CNR	TMP-J01X-V6		
J5	6510019761	S.CNR	52610-1571 (1590)	T	82.2/6
J6	6510019141	S.CNR	52610-1071 (1090)	T	190.1/6.4
J7	6510019761	S.CNR	52610-1571 (1590)	T	57.9/5.2
J8	6510019141	S.CNR	52610-1071 (1090)	T	209.4/6.4
J9	6510003441	CNR	B08B-EH-S (LF) (SN)		
J10	6510007860	CNR	PI28A-07M		
J12	6510019191	S.CNR	52365-0871 -	T	79.7/56.7
J14	6510023650	CNR	HEC0740-010618		
J15	6510011431	CNR	B3P-VH (LF) (SN)		
J16	6510011441	CNR	B4P-VH (LF) (SN)		
J17	6450000150	CNR	JPJ2545-01-510		
J18	6450000150	CNR	JPJ2545-01-510		
J19	6510007100	CNR	PI28A-06M		
J20	6510007170	CNR	PI28A-03M		
J21	6450000140	CNR	HSJ0807-01-010		
J22	6450000140	CNR	HSJ0807-01-010		
J23	6510019651	CNR	DBLC-J25SAF-23L8E		
J28	6450001560	CNR	PD-72		
J29	6450001560	CNR	PD-72		
J30	6450001560	CNR	PD-72		
J31	6450001560	CNR	PD-72		
J32	6510014191	CNR	A4B-3PA-2DSA (71)		
P1	6510014180	CNR	A3-SP (A)		
F1	5210000221	FUS	FGMB 125V 3A PBF		
F2	6510020300	HOL	OF-429P		

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	6910013081	S.IC	5MXE14-7-LF	T	31/54.9
IC2	1110006990	S.IC	uPC2710TB-E3	T	27.8/62.3
IC3	1110003780	S.IC	NJM2902V-TE1	T	26.5/24.3
Q1	1590000430	S.TR	DTC144EUA T106	T	20.4/38.3
Q2	1590001770	S.TR	XP1213 (TX)	T	31/21.7
Q3	1590001310	S.TR	XN1114 (TX)	T	31/25.8
Q4	1530003450	S.TR	2SC4835-R (TX)	T	94.2/23.5
Q5	1530003450	S.TR	2SC4835-R (TX)	T	94.5/55.3
D1	1750000211	S.DIO	1SV237 (TE85R,F)	T	60.6/13.2
D2	1750000531	S.DIO	1SV271 (TPH3,F)	T	51.9/60
D3	1790000450	S.DIO	MA862 (TX)	T	87/20.2
D4	1790000620	S.DIO	MA77 (TX)	T	88.5/57.8
D5	1750000211	S.DIO	1SV237 (TE85R,F)	T	13.7/61.9
D6	1750000211	S.DIO	1SV237 (TE85R,F)	T	23.3/48.6
FI1	2020002280	S.DET	MBF-778A-10-J0076	T	85.9/32
FI2	2020002270	S.DET	MBF-778-10-J0075	T	85.9/47.5
L1	6200002820	S.COL	LQW31HN47NJ03L	T	60.9/16.9
L2	6200003331	S.COL	NLV32T-1R0J	T	53.4/13
L3	6200002370	S.COL	LQW31HN39NJ03L	T	55.8/58
L4	6200003331	S.COL	NLV32T-1R0J	T	52/56.2
L6	6200003331	S.COL	NLV32T-1R0J	T	93/18.4
L7	6200003331	S.COL	NLV32T-1R0J	T	93.8/58.1
L8	6200002320	S.COL	LQW31HN8N8J03L	T	39.2/58
L10	6180002961	S.COL	NLV32T-R18J	T	24.4/62.4
L11	6200003331	S.COL	NLV32T-1R0J	T	17.2/41.4
L12	6200005351	S.COL	LL1608-FSL10NJ	T	17/54.4
L13	6200005361	S.COL	LL1608-FSL12NJ	T	20.6/55
L14	6190001161	COL	#302HEP-1926A		
L15	6190001111	COL	#252HEP-3076A		
L16	6200012030	S.COL	LL1608-FSL22NJ	T	15.1/48.4
L17	6200005401	S.COL	LL1608-FSL27NJ	T	18.8/49
L18	6200003331	S.COL	NLV32T-1R0J	T	27.6/47
L19	6200003331	S.COL	NLV32T-1R0J	T	23.3/53.8
L21	6200005341	S.COL	LL1608-FSL8N2J	T	16.2/59.2
L23	6200005361	S.COL	LL1608-FSL12NJ	T	62.6/41.4
L120	6200003271	S.COL	NLV25T-R56J	T	40.1/38.2
L121	6200003271	S.COL	NLV25T-R56J	T	40.1/34.4
L122	6200005461	S.COL	LL1608-FSL82NJ	T	37.1/52.3
R1	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	57/14.2
R2	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	51.4/16.2
R3	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	51.4/38.6
R4	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	63.4/14.4
R5	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	90/20.4
R6	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	95.8/19.1
R7	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	99.2/38.2
R8	7030003470	S.RES	ERJ3GEYJ 182 V (1.8 k)	T	57/60
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	36.3/63.3
R10	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	35.5/61.3
R11	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	34.7/63.3
R12	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	20.8/63
R13	7030004030	S.RES	ERJ3GEYJ 5R6 V (5.6)	T	19.4/63
R14	7030003430	S.RES	ERJ3GEYJ 821 V (820)	T	16.5/63.4
R15	7030003380	S.RES	ERJ3GEYJ 331 V (330)	T	25.5/49.7
R16	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	28.6/13.8
R17	7410000730	S.ARY	EXB-V8V 104JV (100 k)	T	26.1/11.7
R18	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	31.6/29.8
R19	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	98/23.6
R20	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	99.4/54.6
R21	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	24.8/30.4
R22	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	28/30.4
R23	7030003400	S.RES	ERJ3GEYJ 471 V (470)	T	30.2/29.8
R24	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	36.9/34.1
C1	4030006860	S.CER	C1608 JB 1H 102K-T	T	71.5/15.4
C2	4030006980	S.CER	C1608 CH 1H 070D-T	T	57.2/17.3
C3	4030006860	S.CER	C1608 JB 1H 102K-T	T	57/15.6
C4	4030006860	S.CER	C1608 JB 1H 102K-T	T	52.8/16.2
C6	4030009990	S.CER	C1608 CH 1H 200J-T	T	62.6/49
C7	4030006980	S.CER	C1608 CH 1H 070D-T	T	59.6/57.6
C8	4030006860	S.CER	C1608 JB 1H 102K-T	T	51.4/50.6
C9	4030007090	S.CER	C1608 CH 1H 470J-T	T	51.4/43.4
C10	4030006850	S.CER	C1608 JB 1H 471K-T	T	51.4/34
C11	4030006860	S.CER	C1608 JB 1H 102K-T	T	89.6/23.2
C12	4030007090	S.CER	C1608 CH 1H 470J-T	T	90/21.8
C13	4030007090	S.CER	C1608 CH 1H 470J-T	T	93.6/20.6
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	91.6/55.2
C17	4030007090	S.CER	C1608 CH 1H 470J-T	T	96.9/56.9
C18	4030006860	S.CER	C1608 JB 1H 102K-T	T	99.2/42.4
C19	4030006850	S.CER	C1608 JB 1H 471K-T	T	99.2/34
C20	4030006850	S.CER	C1608 JB 1H 471K-T	T	45/58.6
C21	4030009510	S.CER	C1608 CH 1H 010B-T	T	40.9/60.4
C22	4030009510	S.CER	C1608 CH 1H 010B-T	T	37.5/58.5
C23	4030006960	S.CER	C1608 CH 1H 050C-T	T	40.2/55
C28	4030006850	S.CER	C1608 JB 1H 471K-T	T	38.3/62.5
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	32.7/61.3
C30	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.2/63

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

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
C31	4030007090	S.CER C1608 CH 1H 470J-T	T	31.4/63.4
C32	4030006860	S.CER C1608 JB 1H 102K-T	T	30.1/63.4
C33	4030006850	S.CER C1608 JB 1H 471K-T	T	22/42
C34	4030006960	S.CER C1608 CH 1H 050C-T	T	17/57.2
C35	4030009560	S.CER C1608 CH 1H R75B-T	T	17/55.8
C36	4030006960	S.CER C1608 CH 1H 050C-T	T	19.2/56.6
C37	4030009500	S.CER C1608 CH 1H 0R5B-T	T	18.6/53
C38	4030009530	S.CER C1608 CH 1H 030B-T	T	22.2/57.6
C39	4030011600	S.CER C1608 JB 1E 104K-T	T	25.8/17
C40	4030011600	S.CER C1608 JB 1E 104K-T	T	26.4/31
C47	4030006960	S.CER C1608 CH 1H 050C-T	T	15.1/51.2
C48	4030009910	S.CER C1608 CH 1H 040B-T	T	15.1/49.8
C49	4030007010	S.CER C1608 CH 1H 100D-T	T	17.4/50.6
C50	4030009530	S.CER C1608 CH 1H 030B-T	T	16.8/47
C51	4030006980	S.CER C1608 CH 1H 070D-T	T	20.2/49
C52	4030006860	S.CER C1608 JB 1H 102K-T	T	31.2/46.2
C53	4030006850	S.CER C1608 JB 1H 471K-T	T	24.1/56.7
C54	4030006860	S.CER C1608 JB 1H 102K-T	T	24.1/51.6
C55	4030006860	S.CER C1608 JB 1H 102K-T	T	12.4/40.8
C56	4030006860	S.CER C1608 JB 1H 102K-T	T	96.7/23.6
C57	4030006860	S.CER C1608 JB 1H 102K-T	T	97.3/53.9
C60	4030006850	S.CER C1608 JB 1H 471K-T	T	21.4/60.8
C61	4030009520	S.CER C1608 CH 1H 020B-T	T	45/63
C62	4030007090	S.CER C1608 CH 1H 470J-T [EUR-01]		
C63	4030007090	S.CER C1608 CH 1H 470J-T [EUR-01]		
C64	4030007090	S.CER C1608 CH 1H 470J-T [EUR-01]		
C65	4030007090	S.CER C1608 CH 1H 470J-T [EUR-01]		
C66	4030007090	S.CER C1608 CH 1H 470J-T [EUR-01]		
C67	4030007090	S.CER C1608 CH 1H 470J-T [EUR-01]		
C120	4030007120	S.CER C1608 CH 1H 820J-T	T	38.2/39.8
C121	4030011280	S.CER C1608 CH 1H 271J-T	T	38.2/36.9
C122	4030007120	S.CER C1608 CH 1H 820J-T	T	38.2/34.1
J1	6510019141	S.CNR 52610-1071 (1090)	T	5.7/32.4
J2	6510007020	CNR TMP-J01X-V6		
WS1	8970022400	RX1768 COAXIAL TUBE (1)/MI		
WS2	8970022410	RX1768 1.5D COAXIAL TUBE (1)/MI		
EP10	6910000630	BEA FSRH070140RN000B (FSOH070RN) [EUR-01]		
EP11	6910000630	BEA FSRH070140RN000B (FSOH070RN) [EUR-01]		
EP12	9017680190	TUB 10 L=25MM [EUR-01]		
EP61	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/25.4
EP62	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/26.7
EP63	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/28
EP64	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/29.3
EP65	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/33.7
EP66	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/35
EP67	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/36.3
EP68	6910012350	S.BEA MMZ1608Y 102BT	T	13.2/37.6

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
IC1	1110006990	S.IC uPC2710TB-E3		
IC2	1110006990	S.IC uPC2710TB-E3		
IC3	1130007700	S.IC BU4094BCF-E2		
IC4	1130007700	S.IC BU4094BCF-E2		
IC5	1160000131	S.IC TD62783AFG (S,EL)		
Q1	1560000721	S.FET 2SK2171-4-TD-E		
Q2	1560000721	S.FET 2SK2171-4-TD-E		
Q3	1590001840	S.TR XN4601 (TX)		
Q4	1590001001	S.TR RN2427 (TE85R,F)		
Q5	1590001330	S.TR DTA114EUA T106		
Q6	1560000721	S.FET 2SK2171-4-TD-E		
Q7	1560000721	S.FET 2SK2171-4-TD-E		
Q8	1580000540	S.FET 3SK131-T2-LA		
Q9	1590001770	S.TR XP1213 (TX)		
Q10	1590001770	S.TR XP1213 (TX)		
Q11	1590001001	S.TR RN2427 (TE85R,F)		
Q12	1590001001	S.TR RN2427 (TE85R,F)		
Q13	1590001770	S.TR XP1213 (TX)		
Q14	1590001330	S.TR DTA114EUA T106		
Q15	1560000831	S.FET 2SK2036 (TE85L,F)		
Q16	1560000831	S.FET 2SK2036 (TE85L,F)		
Q17	1590001001	S.TR RN2427 (TE85R,F)		
D1	1750000550	S.DIO 1SS355 TE-17		
D2	1750000550	S.DIO 1SS355 TE-17		
D3	1750000211	S.DIO 1SV237 (TE85R,F)		
D4	1750000531	S.DIO 1SV271 (TPH3,F)		
D5	1750000531	S.DIO 1SV271 (TPH3,F)		
D6	1750000531	S.DIO 1SV271 (TPH3,F)		
D7	1790000620	S.DIO MA77 (TX)		
D8	1790000450	S.DIO MA862 (TX)		
D9	1790000450	S.DIO MA862 (TX)		
D10	1790000450	S.DIO MA862 (TX)		
D11	1790000620	S.DIO MA77 (TX)		
D12	1790000450	S.DIO MA862 (TX)		
D13	1790000450	S.DIO MA862 (TX)		
D14	1790000450	S.DIO MA862 (TX)		
D15	1790000450	S.DIO MA862 (TX)		
D16	1750000211	S.DIO 1SV237 (TE85R,F)		
D17	1790000450	S.DIO MA862 (TX)		
D18	1750000431	S.DIO HSB88WSTR-E		
FI1	2010001980	XTL 48M15A 48.800MHZ		
L1	6140002070	COL LR-233		
L2	6200003011	S.COL NLV32T-R27J		
L3	6200003001	S.COL NLV32T-R22J		
L4	6200003001	S.COL NLV32T-R22J		
L5	6200003520	S.COL ELJFB 102K-F		
L6	6200003520	S.COL ELJFB 102K-F		
L7	6200001711	S.COL NLV32T-220J		
L8	6200001711	S.COL NLV32T-220J		
L10	6200001851	S.COL NLV32T-5R6J		
L11	6200003111	S.COL NLV32T-6R8J		
L12	6200003520	S.COL ELJFB 102K-F		
L13	6200005501	S.COL NLV32T-471J		
L14	6200005501	S.COL NLV32T-471J		
L15	6200003111	S.COL NLV32T-6R8J		
L16	6200002961	S.COL NLV32T-4R7J		
L17	6200005501	S.COL NLV32T-471J		
L18	6200002991	S.COL NLV32T-2R2J		
L19	6200002991	S.COL NLV32T-2R2J		
L20	6200002961	S.COL NLV32T-4R7J		
L21	6200003101	S.COL NLV32T-3R9J		
L22	6200003261	S.COL NLV32T-101J		
L23	6200003101	S.COL NLV32T-3R9J		
L24	6200001851	S.COL NLV32T-5R6J		
L25	6200003261	S.COL NLV32T-101J		
L26	6200003051	S.COL NLV32T-R82J		
L27	6200003061	S.COL NLV32T-1R2J		
L28	6200003081	S.COL NLV32T-1R8J		
L29	6200003071	S.COL NLV32T-1R5J		
L30	6200003261	S.COL NLV32T-101J		
L31	6200003061	S.COL NLV32T-1R2J		
L32	6200003331	S.COL NLV32T-1R0J		
L33	6200003051	S.COL NLV32T-R82J		
L34	6200003061	S.COL NLV32T-1R2J		
L35	6200003261	S.COL NLV32T-101J		
L36	6200003031	S.COL NLV32T-R47J		
L37	6200002981	S.COL NLV32T-R56J		
L38	6200003041	S.COL NLV32T-R68J		
L39	6200003051	S.COL NLV32T-R82J		
L40	6200003261	S.COL NLV32T-101J		
L41	6200003251	S.COL NLV32T-R39J		
L42	6200003251	S.COL NLV32T-R39J		
L43	6200003031	S.COL NLV32T-R47J		
L44	6200002981	S.COL NLV32T-R56J		
L45	6200003261	S.COL NLV32T-101J		
L46	6200003011	S.COL NLV32T-R27J		
L47	6200003011	S.COL NLV32T-R27J		
L48	6200003021	S.COL NLV32T-R33J		
L49	6200003251	S.COL NLV32T-R39J		

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

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L50	6200003520	S.COL ELJFB 102K-F		
L51	6200003520	S.COL ELJFB 102K-F		
L52	6200005501	S.COL NLV32T-471J		
L53	6200005501	S.COL NLV32T-471J		
L54	6140000640	COL LR-86		
L55	6140001540	COL LR-169		
L56	6200005501	S.COL NLV32T-471J		
L57	6200003520	S.COL ELJFB 102K-F		
L58	6200003001	S.COL NLV32T-R22J		
L59	6200003001	S.COL NLV32T-R22J		
L60	6140001500	COL LR-171		
L61	6200001831	S.COL NLV32T-100J		
L62	6150002980	COL LS-309		
L63	6150003110	COL LS-306		
L64	6200003331	S.COL NLV32T-1R0J		
L65	6150002390	COL LS-250		
L66	6150000991	COL LS-424		
L67	6200003381	S.COL #617PT-1837=P3		
L68	6200003381	S.COL #617PT-1837=P3		
L69	6200001831	S.COL NLV32T-100J		
L70	6200003011	S.COL NLV32T-R27J		
L71	6200003011	S.COL NLV32T-R27J		
L72	6200003001	S.COL NLV32T-R22J		
L73	6200003331	S.COL NLV32T-1R0J		
L74	6200001831	S.COL NLV32T-100J		
L75	6200003431	S.COL NLV32T-R10J		
L76	6200001471	S.COL NLV32T-R12J		
L77	6200003950	S.COL HF50ACC 322513-T		
L78	6200003950	S.COL HF50ACC 322513-T		
L79	6200003950	S.COL HF50ACC 322513-T		
L80	6200003321	S.COL NLV32T-3R3J		
L82	6180002961	S.COL NLV32T-R18J		
L83	6200003001	S.COL NLV32T-R22J		
L84	6200003031	S.COL NLV32T-R47J		
L85	6200003041	S.COL NLV32T-R68J		
L86	6200003011	S.COL NLV32T-R27J		
R1	7540000130	ABSORBER 2P-50A-301		
R2	7030003600	S.RES ERJ3GEYJ 223 V (22 k)		
R3	7540000130	ABSORBER 2P-50A-301		
R4	7030003600	S.RES ERJ3GEYJ 223 V (22 k)		
R5	7030007650	S.RES ERJ8ENF 68R0V (68)		
R7	7030000330	S.RES MCR10EZHJ 390 (391)		
R8	7030000230	S.RES MCR10EZHJ 56 (560)		
R9	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)		
R10	7030007650	S.RES ERJ8ENF 68R0V (68)		
R12	7030007540	S.RES ERJ8ENF 3900V (390)		
R14	7030007530	S.RES ERJ8ENF 1800V (180)		
R18	7030000260	S.RES MCR10EZHJ 100 (101)		
R19	7030000240	S.RES MCR10EZHJ 68 (680)		
R20	7030000260	S.RES MCR10EZHJ 100 (101)		
R21	7030007540	S.RES ERJ8ENF 3900V (390)		
R22	7030007540	S.RES ERJ8ENF 3900V (390)		
R24	7030007540	S.RES ERJ8ENF 3900V (390)		
R26	7030007540	S.RES ERJ8ENF 3900V (390)		
R28	7030007530	S.RES ERJ8ENF 1800V (180)		
R30	7030007540	S.RES ERJ8ENF 3900V (390)		
R32	7030007540	S.RES ERJ8ENF 3900V (390)		
R34	7030007540	S.RES ERJ8ENF 3900V (390)		
R36	7030007540	S.RES ERJ8ENF 3900V (390)		
R38	7030007540	S.RES ERJ8ENF 3900V (390)		
R40	7030007540	S.RES ERJ8ENF 3900V (390)		
R42	7030007540	S.RES ERJ8ENF 3900V (390)		
R44	7030007540	S.RES ERJ8ENF 3900V (390)		
R46	7030007550	S.RES ERJ8ENF 4700V (470)		
R48	7030007550	S.RES ERJ8ENF 4700V (470)		
R50	7030007550	S.RES ERJ8ENF 4700V (470)		
R52	7030007550	S.RES ERJ8ENF 4700V (470)		
R54	7030007850	S.RES ERJ8ENF 1001V (1 k)		
R56	7030007550	S.RES ERJ8ENF 4700V (470)		
R58	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R59	7030003310	S.RES ERJ3GEYJ 820 V (82)		
R60	7030003280	S.RES ERJ3GEYJ 470 V (47)		
R61	7030003280	S.RES ERJ3GEYJ 470 V (47)		
R62	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)		
R63	7310004780	S.TRI EVM-3YSX50 B13 (102)		
R64	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R65	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)		
R66	7030003560	S.RES ERJ3GEYJ 103 V (10 k)		
R67	7030003560	S.RES ERJ3GEYJ 103 V (10 k)		
R68	7030003570	S.RES ERJ3GEYJ 123 V (12 k)		
R69	7030000180	S.RES MCR10EZHJ 22 (220)		
R71	7030007680	S.RES ERJ8ENF 47R0V (47)		
R73	7030006270	S.RES ERJ12YJ221U (220)		
R74	7030000340	S.RES MCR10EZHJ 470 (471)		
R75	7030000340	S.RES MCR10EZHJ 470 (471)		
R77	7310004860	S.TRI EVM-3YSX50 B53 (502)		
R78	7030003560	S.RES ERJ3GEYJ 103 V (10 k)		
R79	7030000220	S.RES MCR10EZHJ 47 (470)		
R80	7030003280	S.RES ERJ3GEYJ 470 V (47)		
R81	7030004850	S.RES ERJ3GEYF 913 V (91 k)		
R82	7030003590	S.RES ERJ3GEYJ 183 V (18 k)		
R83	7030003240	S.RES ERJ3GEYJ 220 V (22)		
R84	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R85	7030003330	S.RES ERJ3GEYJ 121 V (120)		
R86	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)		

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R87	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R88	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)		
R89	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R90	7030003230	S.RES ERJ3GEYJ 180 V (18)		
R91	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R92	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R93	7030003230	S.RES ERJ3GEYJ 180 V (18)		
R94	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R95	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R96	7030003230	S.RES ERJ3GEYJ 180 V (18)		
R97	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R101	7410000750	S.ARY EXB-V4V 104JV (100 k)		
R102	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R103	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R104	7030003360	S.RES ERJ3GEYJ 221 V (220)		
R105	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R106	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R107	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R108	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R110	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R111	7030003340	S.RES ERJ3GEYJ 151 V (150)		
R112	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R113	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R114	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R115	7510001360	S.TMR NTCG20 3SH 333JT		
R116	7030003620	S.RES ERJ3GEYJ 333 V (33 k)		
R203	7030003860	S.RES ERJ3GE JPW V		
R204	7030003860	S.RES ERJ3GE JPW V		
C1	4030011600	S.CER C1608 JB 1E 104K-T		
C2	4030011600	S.CER C1608 JB 1E 104K-T		
C3	4030006860	S.CER C1608 JB 1H 102K-T		
C4	4030007100	S.CER C1608 CH 1H 560J-T		
C5	4030007060	S.CER C1608 CH 1H 270J-T		
C6	4030007130	S.CER C1608 CH 1H 101J-T		
C7	4030007090	S.CER C1608 CH 1H 470J-T		
C8	4030007120	S.CER C1608 CH 1H 820J-T		
C10	4030006860	S.CER C1608 JB 1H 102K-T		
C11	4030011600	S.CER C1608 JB 1E 104K-T		
C12	4030008920	S.CER C1608 JB 1H 473K-T		
C13	4510008540	S.ELE EEE1CA100SR		
C14	4030011600	S.CER C1608 JB 1E 104K-T		
C15	4030009630	S.CER C1608 JB 1H 822K-T		
C16	4030006860	S.CER C1608 JB 1H 102K-T		
C17	4030009880	S.CER C1608 JB 1H 682K-T		
C21	4030011600	S.CER C1608 JB 1E 104K-T		
C22	4030008470	S.CER C1608 JB 1H 272K-T		
C23	4030010760	S.CER C1608 CH 1H 331J-T		
C24	4030006870	S.CER C1608 JB 1H 222K-T		
C25	4030011600	S.CER C1608 JB 1E 104K-T		
C26	4030011600	S.CER C1608 JB 1E 104K-T		
C27	4030008470	S.CER C1608 JB 1H 272K-T		
C28	4030008470	S.CER C1608 JB 1H 272K-T		
C29	4030009980	S.CER C1608 JB 1H 152K-T		
C30	4030009880	S.CER C1608 JB 1H 682K-T		
C31	4030009970	S.CER C1608 JB 1H 182K-T		
C32	4030011600	S.CER C1608 JB 1E 104K-T		
C33	4030008920	S.CER C1608 JB 1H 473K-T		
C34	4030010020	S.CER C1608 JB 1H 122K-T		
C35	4030007150	S.CER C1608 CH 1H 151J-T		
C36	4030010020	S.CER C1608 JB 1H 122K-T		
C37	4030008920	S.CER C1608 JB 1H 473K-T		
C38	4030008470	S.CER C1608 JB 1H 272K-T		
C39	4030009980	S.CER C1608 JB 1H 152K-T		
C40	4030008920	S.CER C1608 JB 1H 473K-T		
C41	4030008920	S.CER C1608 JB 1H 473K-T		
C42	4030009970	S.CER C1608 JB 1H 182K-T		
C43	4030011280	S.CER C1608 CH 1H 271J-T		
C44	4030006860	S.CER C1608 JB 1H 102K-T		
C45	4030008920	S.CER C1608 JB 1H 473K-T		
C46	4030006850	S.CER C1608 JB 1H 471K-T		
C47	4030007110	S.CER C1608 CH 1H 680J-T		
C48	4030011280	S.CER C1608 CH 1H 271J-T		
C49	4030010020	S.CER C1608 JB 1H 122K-T		
C50	4030008770	S.CER C1608 JB 1H 562K-T		
C51	4030010040	S.CER C1608 JB 1H 561K-T		
C52	4030008920	S.CER C1608 JB 1H 473K-T		
C53	4030008920	S.CER C1608 JB 1H 473K-T		
C54	4030010760	S.CER C1608 CH 1H 331J-T		
C55	4030007100	S.CER C1608 CH 1H 560J-T		
C56	4030010760	S.CER C1608 CH 1H 331J-T		
C57	4030006860	S.CER C1608 JB 1H 102K-T		
C58	4030006870	S.CER C1608 JB 1H 222K-T		
C59	4030010760	S.CER C1608 CH 1H 331J-T		
C60	4030008920	S.CER C1608 JB 1H 473K-T		
C61	4030008920	S.CER C1608 JB 1H 473K-T		
C62	4030011280	S.CER C1608 CH 1H 271J-T		
C63	4030007100	S.CER C1608 CH 1H 560J-T		
C64	4030007150	S.CER C1608 CH 1H 151J-T		
C65	4030006850	S.CER C1608 JB 1H 471K-T		
C66	4030006860	S.CER C1608 JB 1H 102K-T		
C67	4030007170	S.CER C1608 CH 1H 221J-T		
C68	4030008920	S.CER C1608 JB 1H 473K-T		
C69	4030008920	S.CER C1608 JB 1H 473K-T		
C70	4030007170	S.CER C1608 CH 1H 221J-T		
C71	4030007070	S.CER C1608 CH 1H 330J-T		

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

[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C72	4030007140	S.CER	C1608 CH 1H 121J-T		
C73	4030011280	S.CER	C1608 CH 1H 271J-T		
C74	4030010020	S.CER	C1608 JB 1H 122K-T		
C75	4030007150	S.CER	C1608 CH 1H 151J-T		
C76	4030008920	S.CER	C1608 JB 1H 473K-T		
C77	4030008920	S.CER	C1608 JB 1H 473K-T		
C79	4030007140	S.CER	C1608 CH 1H 121J-T		
C80	4030007080	S.CER	C1608 CH 1H 390J-T		
C81	4030007110	S.CER	C1608 CH 1H 680J-T		
C82	4030007170	S.CER	C1608 CH 1H 221J-T		
C83	4030009490	S.CER	C1608 JB 1H 821K-T		
C84	4030007120	S.CER	C1608 CH 1H 820J-T		
C85	4030008920	S.CER	C1608 JB 1H 473K-T		
C86	4030011600	S.CER	C1608 JB 1E 104K-T		
C87	4030011600	S.CER	C1608 JB 1E 104K-T		
C88	4030008920	S.CER	C1608 JB 1H 473K-T		
C89	4030008920	S.CER	C1608 JB 1H 473K-T		
C90	4030008920	S.CER	C1608 JB 1H 473K-T		
C91	4030009000	S.CER	C2012 JB 1C 224K-T		
C92	4030008920	S.CER	C1608 JB 1H 473K-T		
C94	4030008920	S.CER	C1608 JB 1H 473K-T		
C95	4030008920	S.CER	C1608 JB 1H 473K-T		
C96	4030008920	S.CER	C1608 JB 1H 473K-T		
C97	4030011600	S.CER	C1608 JB 1E 104K-T		
C98	4030007150	S.CER	C1608 CH 1H 151J-T		
C99	4030007090	S.CER	C1608 CH 1H 470J-T		
C100	4030007110	S.CER	C1608 CH 1H 680J-T		
C102	4030011600	S.CER	C1608 JB 1E 104K-T		
C103	4030011600	S.CER	C1608 JB 1E 104K-T		
C104	4030006860	S.CER	C1608 JB 1H 102K-T		
C105	4030007020	S.CER	C1608 CH 1H 120J-T		
C106	4030008920	S.CER	C1608 JB 1H 473K-T		
C107	4030006960	S.CER	C1608 CH 1H 050C-T		
C109	4030009530	S.CER	C1608 CH 1H 030B-T		
C110	4030008920	S.CER	C1608 JB 1H 473K-T		
C111	4030011600	S.CER	C1608 JB 1E 104K-T		
C112	4030008920	S.CER	C1608 JB 1H 473K-T		
C113	4030007040	S.CER	C1608 CH 1H 180J-T		
C114	4030008920	S.CER	C1608 JB 1H 473K-T		
C115	4030008920	S.CER	C1608 JB 1H 473K-T		
C116	4030006860	S.CER	C1608 JB 1H 102K-T		
C117	4030007130	S.CER	C1608 CH 1H 101J-T		
C118	4030008920	S.CER	C1608 JB 1H 473K-T		
C119	4030006860	S.CER	C1608 JB 1H 102K-T		
C120	4030007040	S.CER	C1608 CH 1H 180J-T		
C121	4030007140	S.CER	C1608 CH 1H 121J-T		
C122	4030007090	S.CER	C1608 CH 1H 470J-T		
C123	4030007170	S.CER	C1608 CH 1H 221J-T		
C124	4030007140	S.CER	C1608 CH 1H 121J-T		
C125	4030006860	S.CER	C1608 JB 1H 102K-T		
C126	4030009520	S.CER	C1608 CH 1H 020B-T		
C127	4030008920	S.CER	C1608 JB 1H 473K-T		
C128	4030006860	S.CER	C1608 JB 1H 102K-T		
C129	4030007070	S.CER	C1608 CH 1H 330J-T		
C130	4030009650	S.CER	C1608 CH 1H 240J-T		
C131	4030007060	S.CER	C1608 CH 1H 270J-T		
C132	4030007010	S.CER	C1608 CH 1H 100D-T		
C134	4530000410	S.ARY	EZANCE 471M 470P		
C135	4030008920	S.CER	C1608 JB 1H 473K-T		
C136	4030008920	S.CER	C1608 JB 1H 473K-T		
C137	4530000400	S.ARY	EZANCE 220M 22P		
C138	4030011600	S.CER	C1608 JB 1E 104K-T		
C139	4030011600	S.CER	C1608 JB 1E 104K-T		
C140	4030006860	S.CER	C1608 JB 1H 102K-T		
C141	4030006860	S.CER	C1608 JB 1H 102K-T		
C142	4030007010	S.CER	C1608 CH 1H 100D-T		
C143	4030007110	S.CER	C1608 CH 1H 680J-T		
C144	4030006880	S.CER	C1608 JB 1H 472K-T		
C145	4030007150	S.CER	C1608 CH 1H 151J-T		
C146	4030007150	S.CER	C1608 CH 1H 151J-T		
C147	4030010210	S.CER	C3216 JB 1C 105M-T		
C148	4030008920	S.CER	C1608 JB 1H 473K-T		
RL1	6330000180	RLY	MZ-12HG		
RL2	6330000180	RLY	MZ-12HG		
CP1	6910009670	S.CHK	HK3-S-T		
J1	6450000150	CNR	JPJ2545-01-510		
J2	6510007020	CNR	TMP-J01X-V6		
J3	6510007020	CNR	TMP-J01X-V6		
J4	6510019761	S.CNR	52610-1571 (1590)		
WS1	8600035490		RX1768 J05RF-A		

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110002700	S.IC	NJM2904M-TE1		
IC2	1110003780	S.IC	NJM2902V-TE1		
IC3	1110006420	S.IC	uPC2708TB-E3-A		
IC4	1190002051	S.IC	SPM5001-TL-E		
IC6	1110006870	S.IC	uPC2709TB-E3		
IC7	1110002700	S.IC	NJM2904M-TE1		
Q1	1580000800	S.FET	3SK324UG-TL-E		
Q2	1580000800	S.FET	3SK324UG-TL-E		
Q3	1580000800	S.FET	3SK324UG-TL-E		
Q4	1580000800	S.FET	3SK324UG-TL-E		
Q5	1590001770	S.TR	XP1213 (TX)		
Q6	1590001770	S.TR	XP1213 (TX)		
Q7	1590001310	S.TR	XN1114 (TX)		
Q8	1590001770	S.TR	XP1213 (TX)		
Q9	1590001310	S.TR	XN1114 (TX)		
Q10	1590000430	S.TR	DTC144EUA T106		
Q11	1560000811	S.FET	2SK1069-4-TL-E		
Q12	1560000811	S.FET	2SK1069-4-TL-E		
D1	1750000550	S.DIO	1SS355 TE-17		
D2	1750000550	S.DIO	1SS355 TE-17		
D3	1720000601	S.VCP	HN2V02H-B (TE12R,F)		
D4	1720000601	S.VCP	HN2V02H-B (TE12R,F)		
D5	1730002430	S.ZEN	MA8150-M (TX)		
D6	1750000531	S.DIO	1SV271 (TPH3,F)		
D7	1750000531	S.DIO	1SV271 (TPH3,F)		
D8	1750000531	S.DIO	1SV271 (TPH3,F)		
D9	1720000681	S.VCP	1SV262 (TPH2,F)		
D10	1720000681	S.VCP	1SV262 (TPH2,F)		
D11	1720000681	S.VCP	1SV262 (TPH2,F)		
D12	1720000681	S.VCP	1SV262 (TPH2,F)		
D13	1750000531	S.DIO	1SV271 (TPH3,F)		
D14	1790000620	S.DIO	MA77 (TX)		
D15	1720000681	S.VCP	1SV262 (TPH2,F)		
D16	1720000681	S.VCP	1SV262 (TPH2,F)		
D17	1790000620	S.DIO	MA77 (TX)		
D19	1720000261	S.VCP	1SV214 (TPH2,F)		
D20	1720000261	S.VCP	1SV214 (TPH2,F)		
D21	1720000261	S.VCP	1SV214 (TPH2,F)		
D22	1720000261	S.VCP	1SV214 (TPH2,F)		
D23	1720000261	S.VCP	1SV214 (TPH2,F)		
D24	1750000111	S.DIO	1SS272 (TE85R,F)		
D25	1750000531	S.DIO	1SV271 (TPH3,F)		
D26	1750000531	S.DIO	1SV271 (TPH3,F)		
D27	1750000531	S.DIO	1SV271 (TPH3,F)		
D28	1750000531	S.DIO	1SV271 (TPH3,F)		
D29	1720000261	S.VCP	1SV214 (TPH2,F)		
D30	1720000261	S.VCP	1SV214 (TPH2,F)		
D31	1720000261	S.VCP	1SV214 (TPH2,F)		
D32	1720000261	S.VCP	1SV214 (TPH2,F)		
D33	1720000681	S.VCP	1SV262 (TPH2,F)		
D34	1720000681	S.VCP	1SV262 (TPH2,F)		
L1	6200003261	S.COL	NLV32T-101J		
L2	6200002981	S.COL	NLV32T-R56J		
L3	6200003021	S.COL	NLV32T-R33J		
L4	6200001471	S.COL	NLV32T-R12J		
L5	6200001471	S.COL	NLV32T-R12J		
L6	6200004900	S.COL	ELJFC 5R6K-F		
L7	6200001471	S.COL	NLV32T-R12J		
L8	6200003421	S.COL	NLV32T-R15J		
L9	6200003011	S.COL	NLV32T-R27J		
L10	6200003261	S.COL	NLV32T-101J		
L11	6200001831	S.COL	NLV32T-100J		
L12	6200003011	S.COL	NLV32T-R27J		
L13	6200001471	S.COL	NLV32T-R12J		
L14	6200003431	S.COL	NLV32T-R10J		
L15	6200002390	S.COL	LQW31HN64NJ03L		
L16	6200002100	S.COL	LQW31HN17NJ03L		
L17	6200001620	S.COL	ELJFC 1R0K-F		
L18	6200002370	S.COL	LQW31HN39NJ03L		
L19	6200002820	S.COL	LQW31HN47NJ03L		
L20	6200003431	S.COL	NLV32T-R10J		
L21	6200001831	S.COL	NLV32T-100J		
L23	6200003331	S.COL	NLV32T-1R0J		
L24	6200002350	S.COL	LQW31HN27NJ03L		
L25	6200002820	S.COL	LQW31HN47NJ03L		
L26	6200007670	S.COL	LQW2BHN10NJ03L		
L27	6200007670	S.COL	LQW2BHN10NJ03L		
L28	6200007670	S.COL	LQW2BHN10NJ03L		
L29	6200003251	S.COL	NLV32T-R39J		
L30	6200002330	S.COL	LQW31HN15NJ03L		
L31	6200007670	S.COL	LQW2BHN10NJ03L		
L32	6200002360	S.COL	LQW31HN33NJ03L		
L33	6200003331	S.COL	NLV32T-1R0J		
L35	6200002350	S.COL	LQW31HN27NJ03L		
L36	6200005351	S.COL	LL1608-FSL10NJ		
L37	6200005301	S.COL	LL1608-FSL3N9S		
L38	6200005301	S.COL	LL1608-FSL3N9S		
L39	6200002820	S.COL	LQW31HN47NJ03L		
L41	6200005341	S.COL	LL1608-FSL8N2J		
L42	6200002330	S.COL	LQW31HN15NJ03L		
L43	6200003331	S.COL	NLV32T-1R0J		

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
L44	6200001831	S.COL NLV32T-100J		
L46	6200007670	S.COL LQW2BHN10NJ03L		
L47	6200002330	S.COL LQW31HN15NJ03L		
L48	6200002100	S.COL LQW31HN17NJ03L		
L49	6200001831	S.COL NLV32T-100J		
L51	6200005291	S.COL LL1608-FSL3N3S		
L52	6200002320	S.COL LQW31HN8N8J03L		
L53	6200005301	S.COL LL1608-FSL3N9S		
L54	6200012040	S.COL LL1608-FSL5N6S		
L55	6200005301	S.COL LL1608-FSL3N9S		
L56	6200005291	S.COL LL1608-FSL3N3S		
L57	6200003331	S.COL NLV32T-1R0J		
L58	6140002551	S.COL #617DB-1919=P3		
L59	6140002551	S.COL #617DB-1919=P3		
L60	6200003331	S.COL NLV32T-1R0J		
L61	6140002551	S.COL #617DB-1919=P3		
L62	6200003331	S.COL NLV32T-1R0J		
L64	6200012030	S.COL LL1608-FSL22NJ		
L65	6200001770	S.COL ELJNC 47NK-F		
L67	6200005301	S.COL LL1608-FSL3N9S		
L69	6200012040	S.COL LL1608-FSL5N6S		
L70	6200005371	S.COL LL1608-FSL15NJ		
L72	6200005331	S.COL LL1608-FSL6N8J		
L73	6200010561	S.COL LL1608-FSL39NJ		
L74	6200012040	S.COL LL1608-FSL5N6S		
L75	6200007670	S.COL LQW2BHN10NJ03L		
L76	6200002320	S.COL LQW31HN8N8J03L		
L77	6200005331	S.COL LL1608-FSL6N8J		
L78	6200006030	S.COL LQP18MN4N7C02D		
L79	6200012040	S.COL LL1608-FSL5N6S		
L80	6200003031	S.COL NLV32T-R47J		
L81	6200003331	S.COL NLV32T-1R0J		
L82	6200012030	S.COL LL1608-FSL22NJ		
R1	7030003200	S.RES ERJ3GEYJ 100 V (10)		
R2	7410000590	S.ARY EXB-V4V 473JV (47 k)		
R3	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R4	7030003680	S.RES ERJ3GEYJ 104 V (100 k)		
R5	7030003250	S.RES ERJ3GEYJ 270 V (27)		
R6	7030003760	S.RES ERJ3GEYJ 474 V (470 k)		
R7	7030003270	S.RES ERJ3GEYJ 390 V (39)		
R8	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R10	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R11	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R12	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R13	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R14	7030003680	S.RES ERJ3GEYJ 104 V (100 k)		
R15	7030003250	S.RES ERJ3GEYJ 270 V (27)		
R16	7030003760	S.RES ERJ3GEYJ 474 V (470 k)		
R17	7030003270	S.RES ERJ3GEYJ 390 V (39)		
R19	7030000370	S.RES MCR10EZHJ 820 (821)		
R20	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R21	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R22	7030003680	S.RES ERJ3GEYJ 104 V (100 k)		
R23	7030003250	S.RES ERJ3GEYJ 270 V (27)		
R24	7030003760	S.RES ERJ3GEYJ 474 V (470 k)		
R25	7030003270	S.RES ERJ3GEYJ 390 V (39)		
R26	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R27	7030000370	S.RES MCR10EZHJ 820 (821)		
R28	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R29	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R30	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R31	7030003260	S.RES ERJ3GEYJ 330 V (33)		
R32	7030003270	S.RES ERJ3GEYJ 390 V (39)		
R33	7030003760	S.RES ERJ3GEYJ 474 V (470 k)		
R34	7030003400	S.RES ERJ3GEYJ 471 V (470)		
R35	7030003200	S.RES ERJ3GEYJ 100 V (10)		
R36	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R37	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)		
R38	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R39	7410000750	S.ARY EXB-V4V 104JV (100 k)		
R40	7030003680	S.RES ERJ3GEYJ 104 V (100 k)		
R41	7030003680	S.RES ERJ3GEYJ 104 V (100 k)		
R42	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)		
R43	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R44	7030003860	S.RES ERJ3GE JPW V		
R45	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R46	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R48	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R49	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)		
R50	7030003620	S.RES ERJ3GEYJ 333 V (33 k)		
R51	7030003660	S.RES ERJ3GEYJ 683 V (68 k)		
R52	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R54	7030003590	S.RES ERJ3GEYJ 183 V (18 k)		
R56	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)		
R57	7030003730	S.RES ERJ3GEYJ 274 V (270 k)		
R58	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R59	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R62	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)		
R63	7030003620	S.RES ERJ3GEYJ 333 V (33 k)		
R64	7030003630	S.RES ERJ3GEYJ 393 V (39 k)		
R65	7030003700	S.RES ERJ3GEYJ 154 V (150 k)		
R66	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R67	7030003680	S.RES ERJ3GEYJ 104 V (100 k)		
R68	7410000580	S.ARY EXB-V4V 224JV (220 k)		
R69	7030003760	S.RES ERJ3GEYJ 474 V (470 k)		

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION	M.	H/V LOCATION
R70	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R71	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)		
R72	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)		
R73	7030003560	S.RES ERJ3GEYJ 103 V (10 k)		
R74	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R75	7030003660	S.RES ERJ3GEYJ 683 V (68 k)		
R76	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R77	7030003760	S.RES ERJ3GEYJ 474 V (470 k)		
R78	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R79	7030003640	S.RES ERJ3GEYJ 473 V (47 k)		
R80	7410000800	S.ARY EXB-V8V 103JV (10 k)		
R81	7410000800	S.ARY EXB-V8V 103JV (10 k)		
R82	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R83	7030003280	S.RES ERJ3GEYJ 470 V (47)		
R84	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R85	7030003280	S.RES ERJ3GEYJ 470 V (47)		
R86	7410000750	S.ARY EXB-V4V 104JV (100 k)		
R87	7410000590	S.ARY EXB-V4V 473JV (47 k)		
R88	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)		
R89	7030003620	S.RES ERJ3GEYJ 333 V (33 k)		
R90	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R91	7030007680	S.RES ERJ8ENF 47R0V (47)		
R92	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R93	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R94	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)		
R95	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R96	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R97	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)		
R98	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R99	7030003370	S.RES ERJ3GEYJ 271 V (270)		
R100	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R105	7030003320	S.RES ERJ3GEYJ 101 V (100)		
R106	7030003200	S.RES ERJ3GEYJ 100 V (10)		
R107	7030004030	S.RES ERJ3GEYJ 5R6 V (5.6)		
R108	7030003400	S.RES ERJ3GEYJ 471 V (470)		
R109	7310004790	S.TRI EVM-3YSX50 B14 (103)		
R110	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R111	7030003440	S.RES ERJ3GEYJ 102 V (1 k)		
R112	7030003430	S.RES ERJ3GEYJ 821 V (820)		
R113	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)		
R114	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)		
R115	7030003240	S.RES ERJ3GEYJ 220 V (22)		
R116	7030003240	S.RES ERJ3GEYJ 220 V (22)		
R117	7030003860	S.RES ERJ3GE JPW V		
R118	7030003860	S.RES ERJ3GE JPW V		
R119	7030003860	S.RES ERJ3GE JPW V		
R120	7030003860	S.RES ERJ3GE JPW V		
R121	7030003860	S.RES ERJ3GE JPW V		
R122	7030003860	S.RES ERJ3GE JPW V		
R123	7030003860	S.RES ERJ3GE JPW V		
C1	4030006860	S.CER C1608 JB 1H 102K-T		
C2	4030006860	S.CER C1608 JB 1H 102K-T		
C3	4030006880	S.CER C1608 JB 1H 472K-T		
C4	4030006850	S.CER C1608 JB 1H 471K-T		
C5	4030006880	S.CER C1608 JB 1H 472K-T		
C6	4030006880	S.CER C1608 JB 1H 472K-T		
C7	4030009490	S.CER C1608 JB 1H 821K-T		
C8	4030006880	S.CER C1608 JB 1H 472K-T		
C9	4030006860	S.CER C1608 JB 1H 102K-T		
C10	4030007050	S.CER C1608 CH 1H 220J-T		
C11	4030006880	S.CER C1608 JB 1H 472K-T		
C12	4030006880	S.CER C1608 JB 1H 472K-T		
C13	4030006880	S.CER C1608 JB 1H 472K-T		
C14	4030006860	S.CER C1608 JB 1H 102K-T		
C15	4030006860	S.CER C1608 JB 1H 102K-T		
C16	4030006860	S.CER C1608 JB 1H 102K-T		
C17	4030007030	S.CER C1608 CH 1H 150J-T		
C18	4030006860	S.CER C1608 JB 1H 102K-T		
C19	4030006850	S.CER C1608 JB 1H 471K-T		
C20	4030006860	S.CER C1608 JB 1H 102K-T		
C21	4030006860	S.CER C1608 JB 1H 102K-T		
C22	4030006850	S.CER C1608 JB 1H 471K-T		
C23	4030006860	S.CER C1608 JB 1H 102K-T		
C24	4030007010	S.CER C1608 CH 1H 100D-T		
C25	4030006860	S.CER C1608 JB 1H 102K-T		
C26	4030006860	S.CER C1608 JB 1H 102K-T		
C27	4030006860	S.CER C1608 JB 1H 102K-T		
C28	4030006850	S.CER C1608 JB 1H 471K-T		
C29	4030007130	S.CER C1608 CH 1H 101J-T		
C30	4030007010	S.CER C1608 CH 1H 100D-T		
C31	4030009650	S.CER C1608 CH 1H 240J-T		
C32	4030007070	S.CER C1608 CH 1H 330J-T		
C33	4030007130	S.CER C1608 CH 1H 101J-T		
C34	4030006850	S.CER C1608 JB 1H 471K-T		
C36	4030006860	S.CER C1608 JB 1H 102K-T		
C37	4030006860	S.CER C1608 JB 1H 102K-T		
C38	4030006850	S.CER C1608 JB 1H 471K-T		
C39	4030009530	S.CER C1608 CH 1H 030B-T		
C40	4030007130	S.CER C1608 CH 1H 101J-T		
C41	4030006850	S.CER C1608 JB 1H 471K-T		
C43	4030006860	S.CER C1608 JB 1H 102K-T		
C44	4030006850	S.CER C1608 JB 1H 471K-T		
C45	4030007130	S.CER C1608 CH 1H 101J-T		
C46	4030007130	S.CER C1608 CH 1H 101J-T		
C47	4030007020	S.CER C1608 CH 1H 120J-T		

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

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C48	4030006850	S.CER C1608 JB 1H 471K-T			
C49	4030006850	S.CER C1608 JB 1H 471K-T			
C50	4030006860	S.CER C1608 JB 1H 102K-T			
C51	4030006850	S.CER C1608 JB 1H 471K-T			
C52	4030006860	S.CER C1608 JB 1H 102K-T			
C53	4030006850	S.CER C1608 JB 1H 471K-T			
C54	4030006850	S.CER C1608 JB 1H 471K-T			
C55	4030009520	S.CER C1608 CH 1H 020B-T			
C56	4030008560	S.CER C1608 CH 1H 300J-T			
C57	4030006860	S.CER C1608 JB 1H 102K-T			
C59	4030006860	S.CER C1608 JB 1H 102K-T			
C60	4030006850	S.CER C1608 JB 1H 471K-T			
C61	4030006860	S.CER C1608 JB 1H 102K-T			
C66	4030006860	S.CER C1608 JB 1H 102K-T			
C67	4030007090	S.CER C1608 CH 1H 470J-T	[EUR-01]		
C68	4030007090	S.CER C1608 CH 1H 470J-T	[EUR-01]		
C72	4530000410	S.ARY EZANCE 471M 470P			
C75	4030011600	S.CER C1608 JB 1E 104K-T			
C76	4030011600	S.CER C1608 JB 1E 104K-T			
C77	4030011600	S.CER C1608 JB 1E 104K-T			
C78	4030006860	S.CER C1608 JB 1H 102K-T			
C79	4510008550	S.ELE EEE1HA010SR			
C80	4510008550	S.ELE EEE1HA010SR			
C81	4030006860	S.CER C1608 JB 1H 102K-T			
C82	4030006860	S.CER C1608 JB 1H 102K-T			
C83	4030006950	S.CER C1608 CH 1H 040C-T			
C84	4030006950	S.CER C1608 CH 1H 040C-T			
C85	4030006990	S.CER C1608 CH 1H 080D-T			
C86	4030009520	S.CER C1608 CH 1H 020B-T			
C87	4030006990	S.CER C1608 CH 1H 080D-T			
C88	4030009500	S.CER C1608 CH 1H 0R5B-T			
C89	4030006950	S.CER C1608 CH 1H 040C-T			
C90	4030006900	S.CER C1608 JB 1H 103K-T			
C91	4030007130	S.CER C1608 CH 1H 101J-T			
C92	4030006850	S.CER C1608 JB 1H 471K-T			
C93	4030006960	S.CER C1608 CH 1H 050C-T			
C94	4030006980	S.CER C1608 CH 1H 070D-T			
C95	4030007090	S.CER C1608 CH 1H 470J-T			
C96	4030009520	S.CER C1608 CH 1H 020B-T			
C97	4030009510	S.CER C1608 CH 1H 010B-T			
C98	4030009520	S.CER C1608 CH 1H 020B-T			
C100	4030009540	S.CER C1608 CH 1H 1R5B-T			
C101	4030007090	S.CER C1608 CH 1H 470J-T			
C102	4030006850	S.CER C1608 JB 1H 471K-T			
C103	4030006860	S.CER C1608 JB 1H 102K-T			
C104	4030006850	S.CER C1608 JB 1H 471K-T			
C105	4030006860	S.CER C1608 JB 1H 102K-T			
C106	4030006850	S.CER C1608 JB 1H 471K-T			
C107	4030006850	S.CER C1608 JB 1H 471K-T			
C108	4030006850	S.CER C1608 JB 1H 471K-T			
C109	4030006850	S.CER C1608 JB 1H 471K-T			
C110	4030006850	S.CER C1608 JB 1H 471K-T			
C111	4030006860	S.CER C1608 JB 1H 102K-T			
C112	4030006850	S.CER C1608 JB 1H 471K-T			
C113	4030006860	S.CER C1608 JB 1H 102K-T	[EUR-01]		
C114	4030006860	S.CER C1608 JB 1H 102K-T	[EUR-01]		
C117	4030006850	S.CER C1608 JB 1H 471K-T			
C118	4030006850	S.CER C1608 JB 1H 471K-T			
C119	4030006850	S.CER C1608 JB 1H 471K-T			
C120	4030007010	S.CER C1608 CH 1H 100D-T			
C121	4030006850	S.CER C1608 JB 1H 471K-T			
C122	4030009520	S.CER C1608 CH 1H 020B-T			
C123	4030009520	S.CER C1608 CH 1H 020B-T			
C124	4030009550	S.CER C1608 CH 1H 2R5B-T			
C125	4030006950	S.CER C1608 CH 1H 040C-T			
C126	4030006950	S.CER C1608 CH 1H 040C-T			
C127	4030006960	S.CER C1608 CH 1H 050C-T			
C128	4030006850	S.CER C1608 JB 1H 471K-T			
C129	4030006860	S.CER C1608 JB 1H 102K-T			
C130	4510008550	S.ELE EEE1HA010SR			
C131	4030006860	S.CER C1608 JB 1H 102K-T			
C132	4030007060	S.CER C1608 CH 1H 270J-T			
C133	4030009530	S.CER C1608 CH 1H 030B-T			
C134	4030009560	S.CER C1608 CH 1H R75B-T			
C135	4030009510	S.CER C1608 CH 1H 010B-T			
C136	4510008550	S.ELE EEE1HA010SR			
C137	4030009500	S.CER C1608 CH 1H 0R5B-T			
C138	4030006850	S.CER C1608 JB 1H 471K-T			
C139	4030006860	S.CER C1608 JB 1H 102K-T			
C140	4030009540	S.CER C1608 CH 1H 1R5B-T			
C141	4030006950	S.CER C1608 CH 1H 040C-T			
C142	4030009510	S.CER C1608 CH 1H 010B-T			
C143	4030006950	S.CER C1608 CH 1H 040C-T			
C144	4030009520	S.CER C1608 CH 1H 020B-T			
C145	4030006940	S.CER C1608 CH 1H 030C-T			
C146	4030006860	S.CER C1608 JB 1H 102K-T			
C147	4030006860	S.CER C1608 JB 1H 102K-T			
C148	4030006860	S.CER C1608 JB 1H 102K-T			
C149	4030006850	S.CER C1608 JB 1H 471K-T			
C150	4030006850	S.CER C1608 JB 1H 471K-T			
C151	4030006860	S.CER C1608 JB 1H 102K-T			
C152	4030006860	S.CER C1608 JB 1H 102K-T			
C153	4030009520	S.CER C1608 CH 1H 020B-T			
C154	4030009520	S.CER C1608 CH 1H 020B-T			
C155	4030009520	S.CER C1608 CH 1H 020B-T			
C156	4030007130	S.CER C1608 CH 1H 101J-T			
C157	4030007130	S.CER C1608 CH 1H 101J-T			

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C158	4030006850	S.CER C1608 JB 1H 471K-T			
C159	4030006850	S.CER C1608 JB 1H 471K-T			
C160	4030006850	S.CER C1608 JB 1H 471K-T			
C161	4030006850	S.CER C1608 JB 1H 471K-T			
C162	4030006850	S.CER C1608 JB 1H 471K-T			
C163	4030006850	S.CER C1608 JB 1H 471K-T			
C164	4030006850	S.CER C1608 JB 1H 471K-T			
C165	4030006850	S.CER C1608 JB 1H 471K-T			
C166	4030007010	S.CER C1608 CH 1H 100D-T			
C167	4030007010	S.CER C1608 CH 1H 100D-T			
C168	4030007030	S.CER C1608 CH 1H 150J-T			
C171	4030009920	S.CER C1608 CH 1H 050B-T			
C172	4030009920	S.CER C1608 CH 1H 050B-T			
C173	4030007130	S.CER C1608 CH 1H 101J-T			
C174	4030009920	S.CER C1608 CH 1H 050B-T			
RL1	6330000810	RLY ARK115			
RL2	6330000810	RLY ARK115			
CP1	6910009670	S.CHK HK3-S-T			
J1	6510007020	CNR TMP-J01X-V6			
J2	6510007020	CNR TMP-J01X-V6			
J3	6510019761	S.CNR 52610-1571 (1590)			
J4	6510007020	CNR TMP-J01X-V6			
EP71	6910012350	S.BEA MMZ1608Y 102BT			
EP72	6910012350	S.BEA MMZ1608Y 102BT			
EP73	6910012350	S.BEA MMZ1608Y 102BT			
EP74	6910012350	S.BEA MMZ1608Y 102BT			
EP75	6910012350	S.BEA MMZ1608Y 102BT			
EP76	6910012350	S.BEA MMZ1608Y 102BT			
EP77	6910012350	S.BEA MMZ1608Y 102BT			
EP78	6910012350	S.BEA MMZ1608Y 102BT			

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
IC1	1110006970	S.IC MAALSS0038		T	65.6/10
IC2	6910010230	S.IC 5MXF25-7	[OTH-02]	T	65/41.7
IC2	6910010231	S.IC 5MXF25-7-LF	[EUR-01]	T	65/41.7
IC3	1110006420	S.IC uPC2708TB-E3-A		T	58.4/27
IC4	1140006720	S.IC LMX2316TMX/NOPB		T	16/45.7
IC6	1190002380	S.IC MVE1017-42-J1803		T	27.7/26.7
IC7	1110006420	S.IC uPC2708TB-E3-A		T	19.7/36.2
IC8	1110004610	S.IC uPB1508GV-E1		T	17.8/60.3
IC9	1110006870	S.IC uPC2709TB-E3		T	48/61.4
IC10	1130007700	S.IC BU4094BCF-E2		T	14.4/14.5
IC11	1160000131	S.IC TD62783AFG (S,EL)		T	27.3/9.2
Q2	1590001770	S.TR XP1213 (TX)		T	66.9/51.6
Q3	1590001001	S.TR RN2427 (TE85R,F)		T	42.5/12.6
Q4	1590000430	S.TR DTC144EUA T106		T	44.3/6.8
Q5	1590001001	S.TR RN2427 (TE85R,F)		T	28.1/18.3
Q6	1590000430	S.TR DTC144EUA T106		T	24.5/18.6
Q7	1590001770	S.TR XP1213 (TX)		T	38.9/13
Q10	1590001330	S.TR DTA114EUA T106		T	42.5/9.4
Q11	1530003450	S.TR 2SC4835-R (TX)		T	76.5/67.4
Q12	1530003450	S.TR 2SC4835-R (TX)		T	44.6/72.9
Q13	1530002280	S.TR 2SC4081 T106 S		T	40.2/19.1
Q14	1590001001	S.TR RN2427 (TE85R,F)		T	32.2/18.6
D1	1750000550	S.DIO 1SS355 TE-17		T	79.7/19.6
D3	1720000681	S.VCP 1SV262 (TPH2,F)		T	74.2/9.2
D4	1720000681	S.VCP 1SV262 (TPH2,F)		T	74.2/5.6
D5	1720000681	S.VCP 1SV262 (TPH2,F)		T	69.1/8.2
D6	1750000550	S.DIO 1SS355 TE-17		T	75/57.9
D7	1790000620	S.DIO MA77 (TX)		T	80.9/69.2
D8	1790000620	S.DIO MA77 (TX)		T	67.5/69.3
D9	1790000620	S.DIO MA77 (TX)		T	49.1/73.8
D10	1790000620	S.DIO MA77 (TX)		T	35.7/73.9
D11	1750000211	S.DIO 1SV237 (TE85R,F)		T	23.1/56.9
D12	1750000211	S.DIO 1SV237 (TE85R,F)		T	23.1/62.9
D13	1750000211	S.DIO 1SV237 (TE85R,F)		T	42.8/52.3
D14	1750000211	S.DIO 1SV237 (TE85R,F)		T	42.9/40.5
D15	1750000531	S.DIO 1SV271 (TPH3,F)		T	80.9/71.2
D16	1750000531	S.DIO 1SV271 (TPH3,F)		T	67.5/71.2
D17	1750000531	S.DIO 1SV271 (TPH3,F)		T	49.1/75.8
D18	1750000531	S.DIO 1SV271 (TPH3,F)		T	35.7/75.8
D19	1750000550	S.DIO 1SS355 TE-17		T	8.8/47.8
D20	1720000681	S.VCP 1SV262 (TPH2,F)		T	79.2/8.6
D21	1720000681	S.VCP 1SV262 (TPH2,F)		T	80.4/5.6
D22	1790000660	S.DIO MA728 (TX)		T	40.2/21.4
L2	6200005331	S.COL LL1608-FSL6N8J		T	77.6/9.8
L3	6200006050	S.COL LQP18MN6N8C02D		T	76/11.2

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

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
L4	6200006040	S.COL	LQP18MN5N6C02D	T	71.8/9.6
L5	6200005361	S.COL	LL1608-FSL12NJ	T	63.6/6.4
L6	6200001620	S.COL	ELJFC 1R0K-F	T	56.3/13.1
L10	6200005411	S.COL	LL1608-FSL33NJ	T	62/26
L11	6200003331	S.COL	NLV32T-1R0J	T	57.7/23.6
L12	6200005301	S.COL	LL1608-FSL3N9S	T	74.2/51
L16	6200001981	S.COL	NLV25T-1R0J	T	83.8/73.1
L17	6200001981	S.COL	NLV25T-1R0J	T	71/79.8
L18	6200001981	S.COL	NLV25T-1R0J	T	71.5/67.3
L19	6200001981	S.COL	NLV25T-1R0J	T	64.5/70.4
L20	6200001981	S.COL	NLV25T-1R0J	T	53.1/75.5
L21	6200001981	S.COL	NLV25T-1R0J	T	52/78.3
L22	6200001981	S.COL	NLV25T-1R0J	T	39.7/71.9
L23	6200001981	S.COL	NLV25T-1R0J	T	32.7/74.9
L24	6200003550	S.COL	MLF1608A 4R7K-T	T	9.2/44.3
L25	6200001620	S.COL	ELJFC 1R0K-F	T	22.8/53.1
L27	6200003331	S.COL	NLV32T-1R0J	T	36.8/18.9
L28	6200001620	S.COL	ELJFC 1R0K-F	T	25.9/37.7
L29	6200005341	S.COL	LL1608-FSL8N2J	T	25/45.6
L30	6200005351	S.COL	LL1608-FSL10NJ	T	25.8/42.3
L31	6200001770	S.COL	ELJNC 47NK-F	T	10.2/56.7
L32	6200001620	S.COL	ELJFC 1R0K-F	T	11.4/59.2
L36	6200001770	S.COL	ELJNC 47NK-F	T	9.3/61.9
L40	6200001770	S.COL	ELJNC 47NK-F	T	23.1/59.9
L41	6200001770	S.COL	ELJNC 47NK-F	T	47.5/57.4
L42	6200003331	S.COL	NLV32T-1R0J	T	42.9/57.4
L43	6200005361	S.COL	LL1608-FSL12NJ	T	46.8/50.4
L44	6200005381	S.COL	LL1608-FSL18NJ	T	46.8/47.2
L45	6200005381	S.COL	LL1608-FSL18NJ	T	46.8/44
L46	6200003331	S.COL	NLV32T-1R0J	T	50.3/43.8
L47	6200005331	S.COL	LL1608-FSL6N8J	T	38.6/50.2
L48	6200005341	S.COL	LL1608-FSL8N2J	T	38.6/47.2
L49	6200005341	S.COL	LL1608-FSL8N2J	T	38.6/44.2
L50	6200001770	S.COL	ELJNC 47NK-F	T	35.5/43.3
L52	6200001770	S.COL	ELJNC 47NK-F	T	22.8/39.1
L53	6200005361	S.COL	LL1608-FSL12NJ	T	57.6/5.6
L54	6200005361	S.COL	LL1608-FSL12NJ	T	53.2/5.6
L56	6200005351	S.COL	LL1608-FSL10NJ	T	68.2/10.2
L57	6200003251	S.COL	NLV32T-R39J	T	9/40.4
L58	6200005311	S.COL	LL1608-FSL4N7S	T	69.8/26
L59	6200003001	S.COL	NLV32T-R22J	T	20.4/23.6
L60	6170000230	COL	LW-25		
R1	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	71/32.6
R2	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)	T	78/5.6
R3	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	75.8/7.8
R4	7410000590	S.ARY	EXB-V4V 473JV (47 k)	T	71.7/6.9
R8	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	60.6/5.6
R9	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	59/5.6
R11	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	65.2/26
R12	7030003210	S.RES	ERJ3GEYJ 120 V (12)	T	66/28.2
R13	7030003390	S.RES	ERJ3GEYJ 391 V (390)	T	66.8/26
R14	7030003200	S.RES	ERJ3GEYJ 100 V (10)	T	69.4/56
R15	7030000370	S.RES	MCR10EZHJ 820 (821)	T	83.8/75.3
R16	7030000340	S.RES	MCR10EZHJ 470 (471)	T	78.7/73.8
R17	7030000240	S.RES	MCR10EZHJ 68 (680)	T	74.5/75
R18	7030000290	S.RES	MCR10EZHJ 180 (181)	T	74.5/73
R19	7030000240	S.RES	MCR10EZHJ 68 (680)	T	71.8/73.9
R20	7030000340	S.RES	MCR10EZHJ 470 (471)	T	67/73.7
R21	7030000370	S.RES	MCR10EZHJ 820 (821)	T	64.6/73.9
R23	7030000370	S.RES	MCR10EZHJ 820 (821)	T	56.9/75.6
R24	7030000340	S.RES	MCR10EZHJ 470 (471)	T	46.9/78.4
R25	7030000270	S.RES	MCR10EZHJ 120 (121)	T	42.7/79.6
R26	7030000230	S.RES	MCR10EZHJ 56 (560)	T	42.7/77.6
R27	7030000270	S.RES	MCR10EZHJ 120 (121)	T	40/78.5
R28	7030000340	S.RES	MCR10EZHJ 470 (471)	T	35.2/78.3
R29	7030000370	S.RES	MCR10EZHJ 820 (821)	T	32.8/78.5
R30	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	48.5/67.8
R31	7410001090	S.ARY	EXB-V8V 101JV	T	66.9/60.1
R32	7030003320	S.RES	ERJ3GEYJ 101 V (100)	T	10.4/51.3
R34	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	12.2/39.9
R37	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)	T	14/28
R38	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	40/23
R39	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	15.6/36
R40	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	16.4/37.9
R41	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	19.2/38.6
R42	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	25.8/41
R43	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	23.4/50.5
R44	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	25.7/54.6
R45	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	26.2/58.2
R46	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	13.4/56.1
R47	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	12.2/63.8
R48	7030003410	S.RES	ERJ3GEYJ 561 V (560)	T	35.2/60.4
R49	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	30.4/50.6
R50	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	45.2/40.4
R51	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	47.4/39.6
R52	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	47.4/41
R53	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	47.9/16.3
R54	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	47.8/8.6
R55	7310004790	S.TRI	EVM-3YSX50 B14 (103)	T	47.8/5.3
R56	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)	T	43.8/4.2
R57	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)	T	45.2/4.2
R58	7030003370	S.RES	ERJ3GEYJ 271 V (270)	T	43/54.6
R61	7030003230	S.RES	ERJ3GEYJ 180 V (18)	T	59.8/7.6
R62	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	71.8/40.6
R64	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	37.9/6.1

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
R65	7410000830	S.ARY	EXB-V4V 103JV (10 k)	T	37.9/9.7
R66	7030003360	S.RES	ERJ3GEYJ 221 V (220)	T	70.9/11.8
R67	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	51/48.8
R68	7030003340	S.RES	ERJ3GEYJ 151 V (150)	T	35/46
R69	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	70.8/63
R70	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	42.6/63.4
R71	7030005280	S.RES	ERJ3GEYJ 6R8V (6.8)	T	40.4/62.6
R72	7030003420	S.RES	ERJ3GEYJ 681 V (680)	T	38.2/63.4
R73	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)	T	11.5/37.8
R74	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	12.2/25.8
R75	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)	T	14.8/25.8
R76	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	54.6/29
R77	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)	T	80/10.8
R78	7030003280	S.RES	ERJ3GEYJ 470 V (47)	T	27/54.6
R79	7030003350	S.RES	ERJ3GEYJ 181 V (180)	T	71.6/46.1
R100	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)	T	17.1/41.3
R103	7030003860	S.RES	ERJ3GE JPW V	T	78.4/12
R104	7030003860	S.RES	ERJ3GE JPW V	T	80/13.4
R106	7030003860	S.RES	ERJ3GE JPW V	T	69.6/11.8
R107	7030003860	S.RES	ERJ3GE JPW V	T	88.8/69.6
R108	7030003860	S.RES	ERJ3GE JPW V	T	86/69.8
R109	7030003860	S.RES	ERJ3GE JPW V	T	78.6/68.4
C1	4030006850	S.CER	C1608 JB 1H 471K-T	T	79.8/18.1
C2	4030009530	S.CER	C1608 CH 1H 030B-T	T	83/13.4
C6	4030009530	S.CER	C1608 CH 1H 030B-T	T	76.8/13.4
C8	4030009520	S.CER	C1608 CH 1H 020B-T	T	73.8/12.6
C9	4030006850	S.CER	C1608 JB 1H 471K-T	T	69.2/6.6
C11	4030007130	S.CER	C1608 CH 1H 101J-T	T	67.4/12.6
C14	4030007010	S.CER	C1608 CH 1H 100D-T	T	61.4/8.8
C16	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.2/7.2
C17	4030007130	S.CER	C1608 CH 1H 101J-T	T	66.2/5.9
C18	4030008560	S.CER	C1608 CH 1H 300J-T	T	54/22.6
C21	4030006850	S.CER	C1608 JB 1H 471K-T	T	55.4/26.8
C24	4030007130	S.CER	C1608 CH 1H 101J-T	T	63/28.2
C25	4030006990	S.CER	C1608 CH 1H 080D-T	T	60.6/22.6
C26	4030007130	S.CER	C1608 CH 1H 101J-T	T	61.9/22.6
C27	4030009530	S.CER	C1608 CH 1H 030B-T	T	73.4/53.2
C29	4030006850	S.CER	C1608 JB 1H 471K-T	T	74.2/55.6
C34	4030006860	S.CER	C1608 JB 1H 102K-T	T	84.2/71.2
C36	4030006860	S.CER	C1608 JB 1H 102K-T	T	77.8/71.2
C37	4030006860	S.CER	C1608 JB 1H 102K-T	T	69.4/72.8
C38	4030006860	S.CER	C1608 JB 1H 102K-T	T	80.6/75.4
C39	4030006860	S.CER	C1608 JB 1H 102K-T	T	69.4/74.2
C40	4030007130	S.CER	C1608 CH 1H 101J-T	T	65.2/79.8
C41	4030006860	S.CER	C1608 JB 1H 102K-T	T	66.6/79.8
C42	4030007130	S.CER	C1608 CH 1H 101J-T	T	68/67.7
C43	4030006860	S.CER	C1608 JB 1H 102K-T	T	68/66.4
C44	4030006860	S.CER	C1608 JB 1H 102K-T	T	53/73.6
C45	4030006860	S.CER	C1608 JB 1H 102K-T	T	46/75.8
C46	4030006860	S.CER	C1608 JB 1H 102K-T	T	37.6/77.4
C47	4030006860	S.CER	C1608 JB 1H 102K-T	T	48.8/80
C48	4030007130	S.CER	C1608 CH 1H 101J-T	T	37.6/78.8
C49	4030007130	S.CER	C1608 CH 1H 101J-T	T	54.4/79.2
C50	4030006860	S.CER	C1608 JB 1H 102K-T	T	55.8/79.2
C51	4030007130	S.CER	C1608 CH 1H 101J-T	T	36.2/72.3
C52	4030006860	S.CER	C1608 JB 1H 102K-T	T	36.2/71
C53	4030006860	S.CER	C1608 JB 1H 102K-T	T	33.8/71.8
C54	4030008920	S.CER	C1608 JB 1H 473K-T	T	11.2/49.4
C55	4030011600	S.CER	C1608 JB 1E 104K-T	T	9.2/45.6
C56	4030008920	S.CER	C1608 JB 1H 473K-T	T	10.4/47.5
C57	4030008920	S.CER	C1608 JB 1H 473K-T	T	40.2/3.8
C58	4030006860	S.CER	C1608 JB 1H 102K-T	T	41.6/3.8
C60	4550006270	S.TAN	TEESVP 1A 105M8R	T	25.8/49.2
C61	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.6/50.1
C62	4030011600	S.CER	C1608 JB 1E 104K-T	T	14.2/52.9
C63	4030006850	S.CER	C1608 JB 1H 471K-T	T	12.9/54.8
C64	4550006270	S.TAN	TEESVP 1A 105M8R	T	8.8/51.1
C66	4030006900	S.CER	C1608 JB 1H 103K-T	T	14/29.4
C67	4550000530	S.TAN	TEESVA 1V 104M8R	T	18/28.4
C69	4030006860	S.CER	C1608 JB 1H 102K-T	T	36.4/22.6
C70	4030007090	S.CER	C1608 CH 1H 470J-T	T	37.8/22.6
C71	4510009140	S.ELE	EEE1AA330SR	T	38.6/28.2
C74	4030006850	S.CER	C1608 JB 1H 471K-T	T	17.2/36
C75	4030006850	S.CER	C1608 JB 1H 471K-T	T	22.9/41
C76	4030009530	S.CER	C1608 CH 1H 030B-T	T	25.8/43.6
C77	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	26.6/45.6
C78	4030009530	S.CER	C1608 CH 1H 030B-T	T	25.8/47.7
C79	4030006860	S.CER	C1608 JB 1H 102K-T	T	20.7/50.5
C80	4030006850	S.CER	C1608 JB 1H 471K-T	T	26.2/56.9
C81	4030006850	S.CER	C1608 JB 1H 471K-T	T	16.4/56.1
C82	4030006850	S.CER	C1608 JB 1H 471K-T	T	9.2/54.8
C83	4030007090	S.CER	C1608 CH 1H 470J-T	T	9.2/53.5
C84	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.2/55.3
C85	4030007090	S.CER	C1608 CH 1H 470J-T	T	14.1/60.7
C86	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.1/58
C87	4030006850	S.CER	C1608 JB 1H 471K-T	T	14.1/63.4
C93	4030006850	S.CER	C1608 JB 1H 471K-T	T	12.2/62.5
C94	4030007090	S.CER	C1608 CH 1H 470J-T	T	12.2/61.2
C100	4030006850	S.CER	C1608 JB 1H 471K-T	T	37.4/61.2
C101	4030006850	S.CER	C1608 JB 1H 471K-T	T	26.8/61
C102	4030007090	S.CER	C1608 CH 1H 470J-T	T	31.2/57.6
C103	4030006850	S.CER	C1608 JB 1H 471K-T	T	46.2/54.6
C104	4030006850	S.CER	C1608 JB 1H 471K-T	T	45.6/60.4
C105	4030007090	S.CER	C1608 CH 1H 470J-T	T	44.2/60.4
C107	4030006860	S.CER	C1608 JB 1H 102K-T	T	8.1/68.2

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

[CONV-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION		M.	H/V LOCATION
C108	4030006860	S.CER	C1608 JB 1H 102K-T	T	17/71.4
C109	4030006860	S.CER	C1608 JB 1H 102K-T	T	16.4/83.2
C111	4030011600	S.CER	C1608 JB 1E 104K-T	T	19.8/3.1
C112	4030011600	S.CER	C1608 JB 1E 104K-T	T	7.4/16.4
C113	4030007090	S.CER	C1608 CH 1H 470J-T	T	23.1/37.2
C114	4030006860	S.CER	C1608 JB 1H 102K-T	T	23.1/35.9
C115	4030006990	S.CER	C1608 CH 1H 080D-T	T	44.6/49.4
C117	4030006970	S.CER	C1608 CH 1H 060D-T	T	44/47.2
C119	4030009530	S.CER	C1608 CH 1H 030B-T	T	44/44
C120	4030007090	S.CER	C1608 CH 1H 470J-T	T	51/46
C121	4030006850	S.CER	C1608 JB 1H 471K-T	T	51/47.4
C122	4030006950	S.CER	C1608 CH 1H 040C-T	T	40.8/49.4
C124	4030009530	S.CER	C1608 CH 1H 030B-T	T	41.6/47.2
C125	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	40/44.2
C126	4030009520	S.CER	C1608 CH 1H 020B-T	T	41.6/44.2
C127	4030007090	S.CER	C1608 CH 1H 470J-T	T	34.4/40.4
C128	4030006850	S.CER	C1608 JB 1H 471K-T	T	35.7/40.4
C129	4030006850	S.CER	C1608 JB 1H 471K-T	T	50.4/39.6
C130	4030009530	S.CER	C1608 CH 1H 030B-T	T	72.2/11.8
C131	4030006860	S.CER	C1608 JB 1H 102K-T	T	74.4/67.2
C132	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.6/71.8
C135	4030006860	S.CER	C1608 JB 1H 102K-T	T	17.5/23.8
C136	4030006850	S.CER	C1608 JB 1H 471K-T	T	82.8/19.6
C137	4030006960	S.CER	C1608 CH 1H 050C-T	T	58.2/8.8
C138	4030007010	S.CER	C1608 CH 1H 100D-T	T	56.2/6.8
C139	4030009520	S.CER	C1608 CH 1H 020B-T	T	55.4/8.8
C140	4030007010	S.CER	C1608 CH 1H 100D-T	T	53.2/9.6
C141	4030006950	S.CER	C1608 CH 1H 040C-T	T	54.6/6.8
C142	4030006960	S.CER	C1608 CH 1H 050C-T	T	46.2/52.6
C143	4030009520	S.CER	C1608 CH 1H 020B-T	T	48.2/50.4
C144	4030006850	S.CER	C1608 JB 1H 471K-T	T	44.8/62.6
C145	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.8/37.8
C146	4030006880	S.CER	C1608 JB 1H 472K-T	T	14/32.1
C147	4030011600	S.CER	C1608 JB 1E 104K-T	T	13.5/25.8
C148	4550000460	S.TAN	TEESVA 1C 105M8R	T	18/26.2
C149	4030007010	S.CER	C1608 CH 1H 100D-T	T	53.8/26.8
C150	4030006850	S.CER	C1608 JB 1H 471K-T	T	73.8/30.2
C152	4030006850	S.CER	C1608 JB 1H 471K-T	T	55.8/10.6
C154	4030006850	S.CER	C1608 JB 1H 471K-T	T	66.2/4.6
C155	4530000400	S.ARY	EZANCE 220M 22P	T	11.6/71.5
C156	4530000400	S.ARY	EZANCE 220M 22P	T	11.6/80
C163	4030006860	S.CER	C1608 JB 1H 102K-T	T	14.4/41.3
C164	4030007140	S.CER	C1608 CH 1H 121J-T	T	9/37
C165	4030007140	S.CER	C1608 CH 1H 121J-T	T	9.2/43
C166	4030006860	S.CER	C1608 JB 1H 102K-T	T	11.7/41.2
C167	4030007050	S.CER	C1608 CH 1H 220J-T	T	14.1/39
C168	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	40/47.2
C169	4030009500	S.CER	C1608 CH 1H 0R5B-T	T	45.4/47.2
C170	4030009520	S.CER	C1608 CH 1H 020B-T	T	69/28.2
C171	4030006860	S.CER	C1608 JB 1H 102K-T	T	63.2/22.6
C172	4030006860	S.CER	C1608 JB 1H 102K-T	T	42.9/60.4
C173	4030007010	S.CER	C1608 CH 1H 100D-T	T	19.2/56.6
C174	4030006860	S.CER	C1608 JB 1H 102K-T	T	19.9/42.7
C175	4030011600	S.CER	C1608 JB 1E 104K-T	T	12.3/50.7
C176	4030006860	S.CER	C1608 JB 1H 102K-T	T	12.3/52
C177	4030011600	S.CER	C1608 JB 1E 104K-T	T	15.5/52.9
RL1	6330000810	RLY	ARK115		
RL2	6330000810	RLY	ARK115		
CP1	6910009670	S.CHK	HK3-S-T	T	13.7/23.3
CP2	6910009670	S.CHK	HK3-S-T	T	44.4/2
J1	6510019141	S.CNR	52610-1071 (1090)	T	4/74.6
J2	6510007020	CNR	TMP-J01X-V6		
WS1	8970022420		RX1768 COAXIAL TUBE (1)/CON		

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

SECTION 7 MECHANICAL PARTS AND DISASSEMBLY

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
P1	6510011650	VHR-4N	1
ME1	5510000440	ME-36	1
S1	2260001260	SW-118 (SDDFA3)	1
W1	9017680260	13/01/300/B10/W02	1
W2	9017680260	13/01/300/B10/W02	1
W3	9017680270	13/02/300/B10/W02	1
W4	9017680270	13/02/300/B10/W02	1
W8	8900006680	OPC-643	1
W9	8900006690	OPC-644	1
W10	8900006700	OPC-645	1
W11	8900006700	OPC-645	1
EP1	6450001230	HLJ0999-01-480	1
EP2	6910013810	RMS20-100-201-1C	1
MP1	8210013401	1768 FRONT PANEL-1	1
MP2	8310037470	1768 WINDOW PLATE	1
MP3	8930039180	1768 WINDOW SHEET	1
MP4	8010016591	1768 SUB CHASSIS-1	1
MP5	8930039190	1768 12-KEY	1
MP6	8930039200	1768 26-KEY	1
MP7	8610010240	Knob K-201 (C)	1
MP8	8610008440	Knob K-201 SPACER	1
MP9	8930027110	Push spring (P)	1
MP10	8610008431	Knob K-202-1	1
MP11	8930017960	Push spring	1
MP12	8610010190	Knob N-242	2
MP13	8610010200	Knob N-243	1
MP14	8610010220	Knob N-243 (A)	1
MP15	8610007420	knob spring NO.6601	2
MP16	8610010210	Knob N-244	2
MP17	8610009160	Knob N-213 BASE	1
MP18	8610009171	KNOB N-213 COVER-1	1
MP19	8610009190	Knob N-213 FINGER REST	1
MP20	8930032340	1424 N-SPRING	1
MP21	8930013990	610 brake plate	1
MP22	8930014030	610 brake pad	1
MP23	8930013940	610 Knob	1
MP24	8820000771	1296 SCREW-1	1
MP25	8850001330	Flat washer (M)	1
MP26	8810009181	0tap 1flat washer B0 2X5 NI-ZC3 (BT)	4
MP27	8810009181	0tap 1flat washer B0 2X5 NI-ZC3 (BT)	5
MP28	8810009061	Screw M3X6 ZK3	2
MP29	8810009061	Screw M3X6 ZK3	4
MP30	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	1
MP31	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	4
MP32	8810003161	Setscrew (A) 3X6 ZC3	1
MP33	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	1
MP34	8610006820	knob spring NO.6600	2
MP35	8930055100	1768 SHAFT PLATE	1
MP36	8930071570	CU SHEET (V) [EUR] only	1

[DISP UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J7	6510014060	PD09A-07M	1
J8	6510003401	B04B-EH-S (LF) (SN)	1
P1	6510011080	PI28A-07F	1
DS1	5030001360	DLC-7982YBGT	1
DS2	5080000370	HRS-4160A	1
DS3	5080000370	HRS-4160A	1
DS4	5080000370	HRS-4160A	1
DS5	5080000370	HRS-4160A	1
S1	2230000970	ESB-64620	1
W1	7120000380	JPW-01 R-01	1
W2	7120000380	JPW-01 R-01	1
W7	9017680600	51/00/320/D02Y/D22	1
W8	9086700300	wire 08	1
W9	9017680610	51/02/320/D02Y/D22	1
W10	9086700300	wire 08	1
W11	9017680620	51/04/320/D02Y/D22	1
W12	9086700300	wire 08	1
W13	9017680630	23/02/320/D02Y/D22	1
EP2	8930041151	SRCN-1768-SP-N-W-1	2
EP3	6910000640	FSOH090RN	1
EP4	9017680190	Tube D=10.0 L=25MM	1
MP2	8930039210	1768 LCD HOLDER	1
MP3	8210013470	1768 REFLECTOR	1
MP4	8930039170	1768 LCD FILTER	1

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

[VR-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
R1	7210002860	RV-306	1
J1	6510019361	52610-0671	1

[VR-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
R1	7210002870	RV-307	1
J1	6510019361	52610-0671	1

[JACK UNIT]

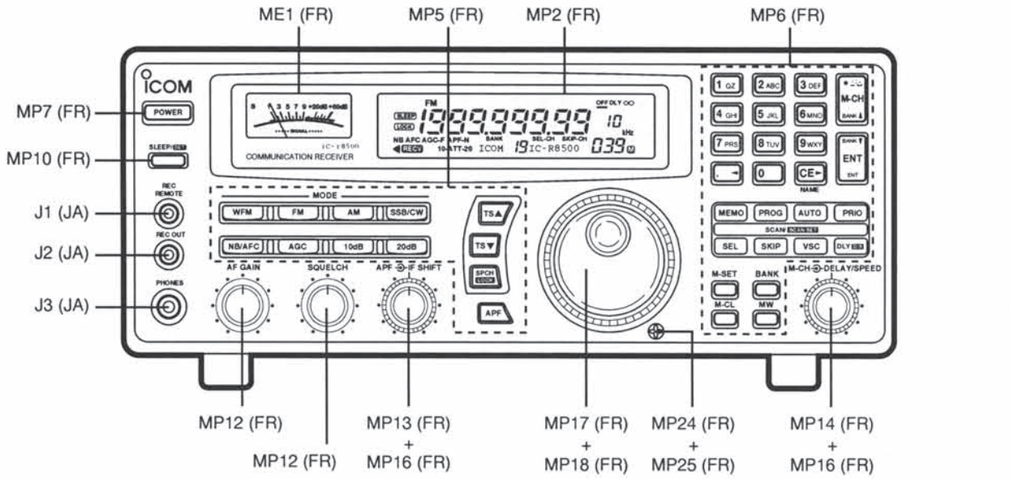
REF NO.	ORDER NO.	DESCRIPTION	QTY.
W1	9017680640	51/00/420/D02/D22	1
W2	9086700300	wire 08	1
W3	9017680650	51/02/420/D02/D22	1
W4	9086700300	wire 08	1
W5	9017680660	51/04/420/D02/D22	1
W6	9086700300	wire 08	1
W7	9017680670	23/00/060/B09/D22	1
W8	9017680680	23/01/060/B09/D22	1
W9	9017680690	23/02/060/B09/D22	1
EP2	6910000640	FSOH090RN [EUR], [FRA], [OTH] only	1
EP3	6910015710	SUMITUBE D=12.0 L=30MM [EUR], [FRA], [OTH] only	1
MP2	8950000180	Cable tie -80 [EUR], [FRA], [OTH]	1
	8950000180	Cable tie -80 [Others]	2

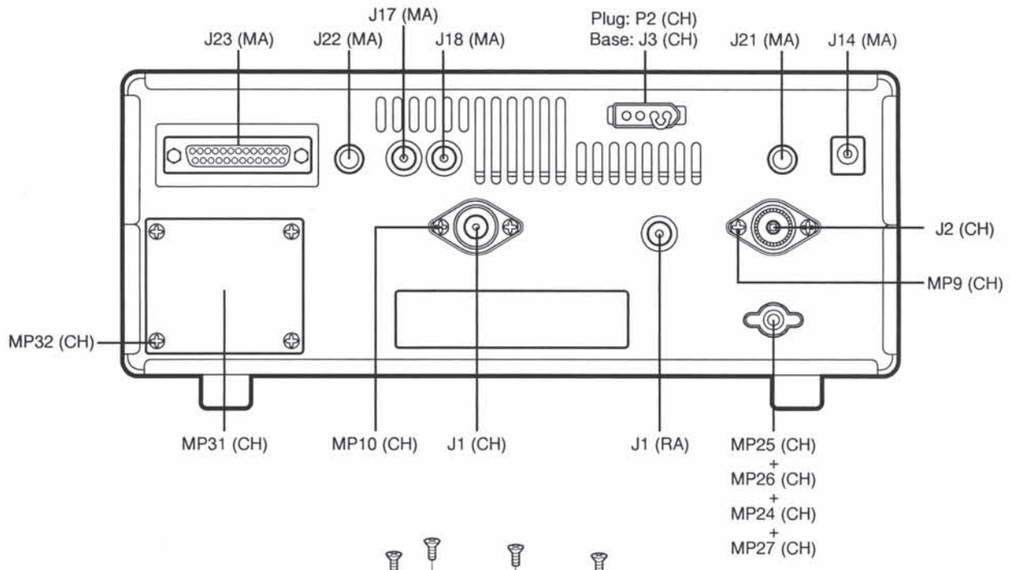
[MAIN-A UNIT]

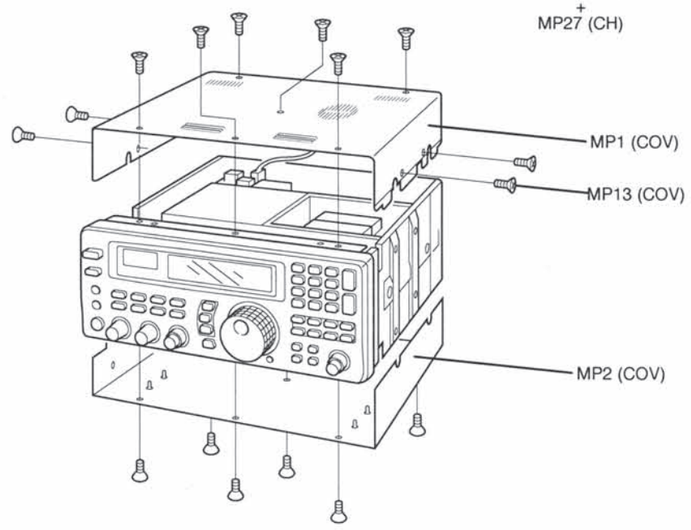
REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510007020	TMP-J01X-V6	1
J2	6510007020	TMP-J01X-V6	1
J3	6510018450	TMP-S01X-B1	1
J4	6510007020	TMP-J01X-V6	1
J9	6510003441	B08B-EH-S (LF) (SN)	1
J10	6510007860	PI28A-07M	1
J14	6510023650	HEC0740-010618	1
J15	6510011431	B3P-VH (LF) (SN)	1
J16	6510011441	B4P-VH (LF) (SN)	1
J17	6450000150	JPJ2545-01-510	1
J18	6450000150	JPJ2545-01-510	1
J19	6510007100	PI28A-06M	1
J20	6510007170	PI28A-03M	1
J21	6450000140	HSJ0807-01-010	1
J22	6450000140	HSJ0807-01-010	1
J23	6510019651	DBLC-J25SAF-23L8E	1
J28	6450001560	PD-72	1
J29	6450001560	PD-72	1
J30	6450001560	PD-72	1
J31	6450001560	PD-72	1
J32	6510014191	A4B-3PA-2DSA (71)	1
F1	5210000221	FGMB 125V 3A PBF	1
F2	6510020300	OF-429P	2
MP1	8930011820	455 filter holder	1
MP2	8510001081	shield case (A)-1 (SX-117)	1
MP3	8510010200	1768 B-SHIELD COVER	1
MP4	8410001920	1428 MAIN-A HEATSINK	1
MP5	8930063120	1768 CLIP	1
MP7	8930035230	1546 TR-A CLIP	1
MP10	8510001081	shield case (A)-1 (SX-117)	1
MP11	8510010200	1768 B-SHIELD COVER	1
MP14	8510000210	194 Sheild plate	1
MP16	8950004610	S-5	1
MP17	8930005200	Crystal holder	2
MP18	8930054900	2356 EARTH SPRING [EUR] only	1

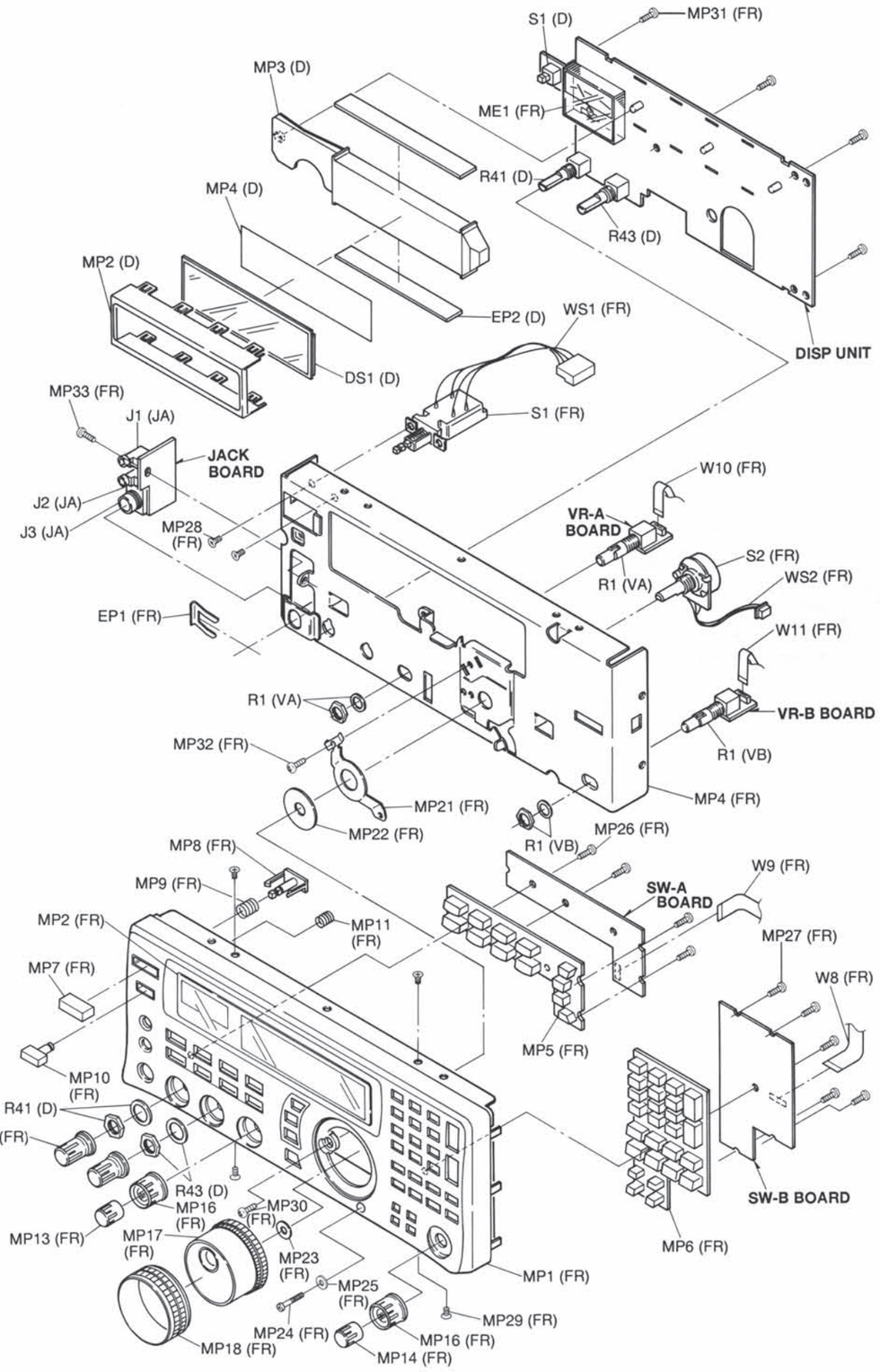
[RF-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6450000150	JPJ2545-01-510	1
J2	6510007020	TMP-J01X-V6	1
J3	6510007020	TMP-J01X-V6	1
J5	6510009870	PD054-02M	1
P1	5610000380	TMP-K01X-A1	1
W1	9014250170	61/99/330/C31/D33	1
W2	9086700300	wire 08	1
MP1	8510017760	194 VCO CASE (B)-1	2
MP2	8510010220	1768 D-SHIELD COVER	2
MP3	8930014140	Case (D)	3
MP4	8930005320	Filter spacer	1

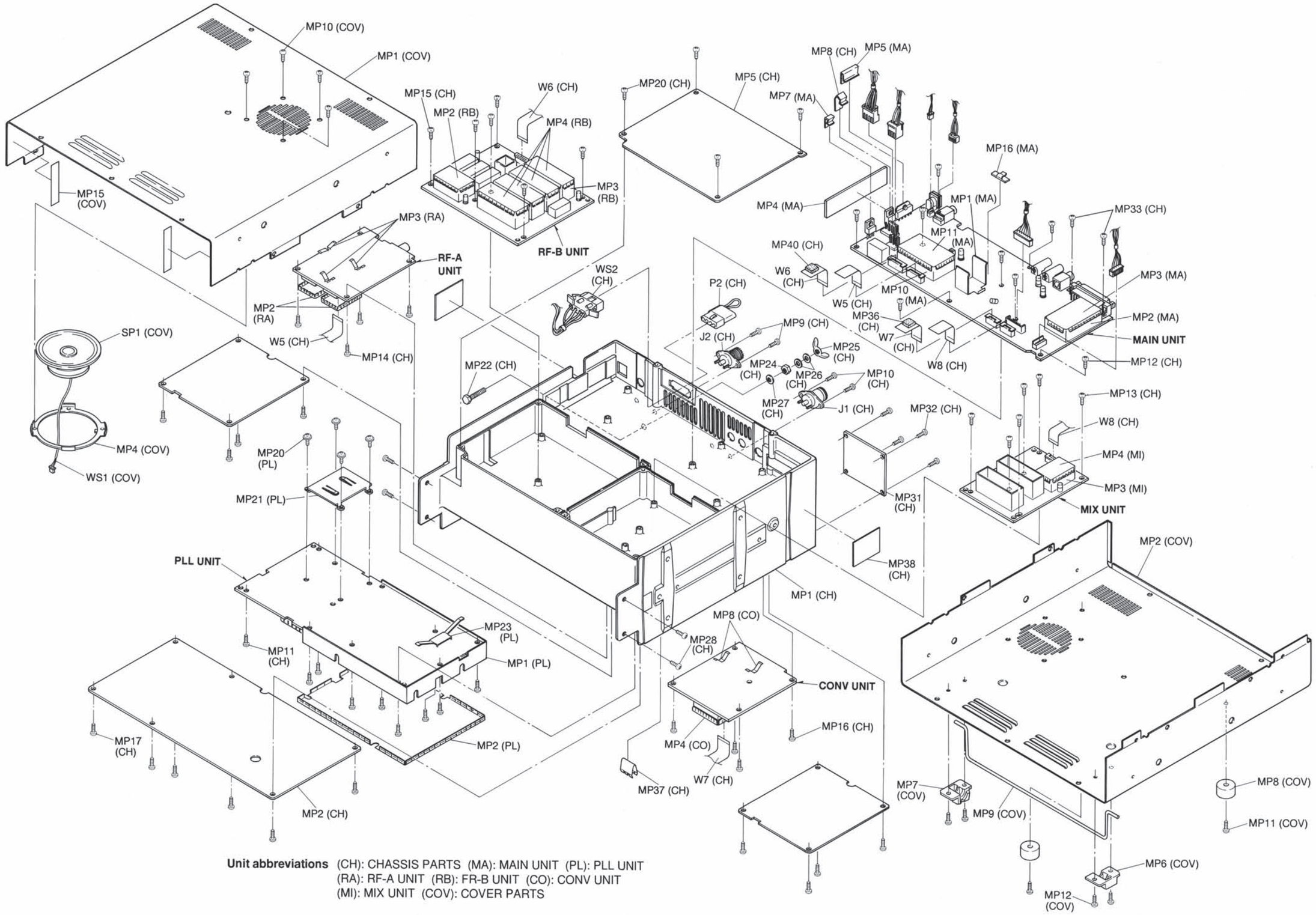








Unit abbreviations (CH): CHASSIS PARTS (FR): FRONT PARTS (D): DISP UNIT (RA): RF-A UNIT (MA): MAIN UNIT
(COV): COVER PARTS (JA): JACK BOARD (VA): VR-A BOARD (VB): VR-B BOARD



Unit abbreviations (CH): CHASSIS PARTS (MA): MAIN UNIT (PL): PLL UNIT
(RA): RF-A UNIT (RB): FR-B UNIT (CO): CONV UNIT
(MI): MIX UNIT (COV): COVER PARTS

[RF-D UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510007020	TMP-J01X-V6	1
J2	6510007020	TMP-J01X-V6	1
J4	6510007020	TMP-J01X-V6	1
MP1	8510017760	194 VCO CASE (B)-1	1
MP2	8510010220	1768 D-SHIELD COVER	1
MP3	8510010170	1768 A-SHIELD CASE	4
MP4	8510010190	1768 A-SHIELD COVER	4
MP5	8510000020	194 case	1
MP6	8510000470	MIX case (FX-249)	3
MP8	8510010250	1705 SHIELD PLATE	2
MP9	8930014140	case (D)	1
MP10	8930005150	case (B)	1
MP11	8930061490	Shield sponge (AB) [EUR] only	1

[COVER UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
P1	6510007150	PI28A-03F	1
SP1	2510000040	C065K12I0810	1
W1	9017680580	51/00/300/D02/W19A	1
W2	9017680590	04/W19A	1
MP1	8110005781	1768 T-COVER-1	1
MP2	8110005791	1768 L-COVER-1	1
MP3	8930021260	57 net (A)	1
MP4	8930006391	SP HOLDER-1	1
MP6	8930005790	colored leg (A)	1
MP7	8930005800	colored leg (B)	1
MP8	8930002900	rubber leg (A)	2
MP9	8010001520	rubber leg (C)	1
MP10	8810009031	Screw M3X8 ZK3	4
MP11	8810009131	Screw BT B0 3X12NI-ZC3 (BT)	2
MP12	8810009131	Screw BT B0 3X12NI-ZC3 (BT)	4
MP13	8810009031	Screw M3X8 ZK3	16
MP15	8930041160	Screw (BO)	2
MP16	8930061520	Shield sponge (AC) [EUR], [FRA], [OTH] only	1

[ACCESSORIES]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510023200	P031010	2
P1	5610000430	AP331	1
P2	6510001940	1490R1	1
F1	5210000221	FGMB 125V 3A PBF	1
F2	5210000051	FGB 3A PBF	2
W1	8900015190	OPC-023D	1
W2	9025609005	13/02/040/A06/A06	1
EP1	Optionalproduct	AD-55A	1
MP1	8810003080	M4X12 BS CR	2
MP2	8810009380	Hex head bolt (+) M5X8 NI	4
MP3	8810001651	Screw BT C0 3X6 ZC3 (FT)	4

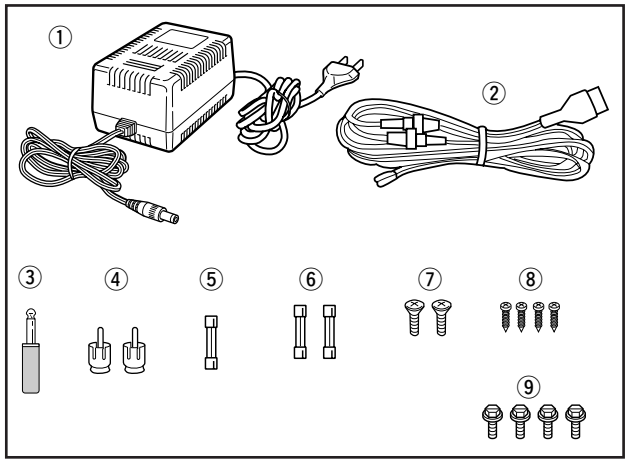
[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510019380	PD09A-09M	1
J2	6510007900	TBP-P01X-A1	1
J3	6510007900	TBP-P01X-A1	1
J4	6510007900	TBP-P01X-A1	1
J5	6510009870	PD054-02M	1
J6	6510007900	TBP-P01X-A1	1
J7	6510018450	TMP-S01X-B1	1
J8	6510007900	TBP-P01X-A1	1
J11	6510007900	TBP-P01X-A1	1
J12	6510007900	TBP-P01X-A1	1
P1	6510003680	EHR-08	1
P2	5610000380	TMP-K01X-A1	1
P3	5610000380	TMP-K01X-A1	1
P4	5610000380	TMP-K01X-A1	1
P5	5610000380	TMP-K01X-A1	1
P6	5610000380	TMP-K01X-A1	1
P7	5610000380	TMP-K01X-A1	1
P8	5610000380	TMP-K01X-A1	1
P9	5610000380	TMP-K01X-A1	1
W1	9017680700	23/01/370/B06Y/D22Y	1
W2	9017680710	23/02/370/B06Y/D22Y	1
W3	9017680720	23/03/370/B06Y/D22Y	1
W4	9017680730	23/04/370/B06Y/D22Y	1

[PLL-B UNIT] (continued)

REF NO.	ORDER NO.	DESCRIPTION	QTY.
W5	9017680740	23/05/370/B06Y/D22Y	1
W6	9017680750	23/06/370/B06Y/D22Y	1
W7	9017680760	23/07/370/B06Y/D22Y	1
W8	9017680770	23/08/370/B06Y/D22Y	1
W9	9017680930	88/99/190/C24/C31Y	1
W10	9086700300	wire 08	1
W11	9017680920	88/99/365/C24/C31Y	1
W12	9086700300	wire 08	1
W13	9017680790	62/99/325/C24Y/C31Y	1
W14	9086700300	wire 08	1
W15	9017680800	61/99/360/C31Y/D33Y	1
W16	9086700300	wire 08	1
W17	9017680810	62/99/455/C24Y/C31Y	1
W18	9086700300	wire 08	1
W19	9017680910	88/99/180/C24Y/C31	1
W20	9086700300	wire 08	1
W21	8900004510	OPC-452A	1
W28	9014130770	62/99/120/C24/C31	1
W29	9086700300	wire 08	1
W30	9014130390	62/99/290/C24/C31	1
W31	9086700300	wire 08	1
EP2	6910000640	FSOH090RN	1
EP3	6910000630	FSOH070RN	1
EP4	6910000630	FSOH070RN	1
EP5	6910000630	FSOH070RN	1
EP6	6910000640	FSOH090RN	1
EP7	6910000630	FSOH070RN	1
EP8	6910000630	FSOH070RN	1
EP9	6910000630	FSOH070RN	1
EP10	6910000630	FSOH070RN	1
EP11	9078400010	Tube D=8.0 L=20MM	1
EP12	9017680190	Tube D=10.0 L=25MM	1
EP13	9078400010	Tube D=8.0 L=20MM	1
EP14	9078400010	Tube D=8.0 L=20MM	1
EP15	9017680370	Tube D=12.0 L=25MM	1
EP16	9078400010	Tube D=8.0 L=20MM	1
EP17	9078400010	Tube D=8.0 L=20MM	1
EP18	9078400010	Tube D=8.0 L=20MM	1
EP19	9078400010	Tube D=8.0 L=20MM	1
EP20	6910000630	FSOH070RN	1
EP21	9078400010	Tube D=8.0 L=20MM	1
EP22	6910000630	FSOH070RN	1
EP23	9078400010	Tube D=8.0 L=20MM	1
MP1	8510010691	1768 PLL CASE-1	1
MP2	8510010650	1768 PLL COVER	1
MP3	8510008300	963 DDS SHIELD CASE	1
MP4	8510008310	963 DDS SHIELD COVER	1
MP5	8510005330	coil case (SX-644)	1
MP6	8510010070	1691 DDS CASE	1
MP7	8510003510	406 shield case	1
MP8	8510012400	2177 D/A CASE	1
MP11	8510005330	coil case (SX-644)	1
MP12	8510008300	963 DDS SHIELD CASE	1
MP13	8510008310	963 DDS SHIELD COVER	1
MP14	8510017760	194 VCO CASE (B)-1	1
MP15	8510010220	1768 D-SHIELD COVER	1
MP16	8510000470	MIX shield case (FX-249)	1
MP17	8510002390	shield case (FX-22)	1
MP18	8510010210	1768 C-SHIELD COVER	1
MP19	8930012060	shield case (FX-574)	1
MP20	8810003161	Setscrew (A) 3X6 ZC3	4
MP21	8510007110	868 PLL-SHIELD	1
MP23	8510010250	1705 SHIELD PLATE	1
MP24	8510002390	shield case (FX-22)	1
MP25	8510010210	1768 C-SHIELD COVER	1
MP26	8510002390	shield case (FX-22)	1
MP27	8510010210	1768 C-SHIELD COVER	1
MP28	8930017260	758 shield case	1
MP29	8930014140	shield case (D)	1
MP30	8930019791	891 shield case-1	1
MP31	8930043121	RUBBER SHEET (AE)-1	1
MP32	8930061490	Shield sponge (AB) [EUR] only	1

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



[PLL-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510000760	3022-02A	1
J2	6510004900	3022-05A	1
MP1	8510010600	637 VCO case (A) (RX-1768)	1

[VCO-B UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510004960	3022-02B	1
J3	6910008021	IPS-1323-PT	1
J4	6510004960	3022-02B	1
J5	6910008021	IPS-1323-PT	1
MP1	8510007021	868 VCO CASE-1	1
MP2	8510003711	VCO COVER (A)-1	1
MP3	8510003721	VCO COVER (B)-1	1
MP4	8510003690	VCO case (RX-406)	1
MP5	8810009440	Setscrew (C) 2X8 NI	2
MP8	8810009490	Screw M2.6X4 NI	12
MP9	8930041830	Sponge (ER)	1

[VCO-C UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J2	6510007020	TMP-J01X-V6	1
J3	6510007900	TBP-P01X-A1	1
J4	6510007900	TBP-P01X-A1	1
P1	5610000380	TMP-K01X-A1	1
P2	5610000380	TMP-K01X-A1	1
W1	9017680890	88/99/300/C24/C31Y	1
W2	9086700300	wire 08	1
W3	9017680830	62/99/290/C24/C31Y	1
W4	9086700300	wire 08	1
EP2	6910000630	FSOH070RN	1
EP3	9078400010	Tube D=8.0 L=20MM	1
EP10	6910000630	FSOH070RN [EUR] only	1
EP11	6910000630	FSOH070RN [EUR] only	1
EP12	9017680190	Tube D=10.0 L=25MM [EUR] only	1
EP61	6910012350	MMZ1608Y102BT	1
EP62	6910012350	MMZ1608Y102BT	1
EP63	6910012350	MMZ1608Y102BT	1
EP64	6910012350	MMZ1608Y102BT	1
EP65	6910012350	MMZ1608Y102BT	1
EP66	6910012350	MMZ1608Y102BT	1
EP67	6910012350	MMZ1608Y102BT	1
EP68	6910012350	MMZ1608Y102BT	1
MP1	8510010170	1768 A-SHIELD CASE	1
MP3	8510017760	194 VCO CASE (B)-1	1
MP4	8510010220	1768 D-SHIELD COVER	1
MP5	8510018020	1768 E-SHIELD CASE	1
MP13	8510000210	194 Sheild plate [EUR] only	1

[MIX-A UNIT]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J2	6510007020	TMP-J01X-V6	1
J3	6510007900	TBP-P01X-A1	1
P1	5610000380	TMP-K01X-A1	1
W1	9017680900	88/99/260/C24Y/C31	1
W2	9086700300	wire 08	1
EP2	6910000630	FSOH070RN	1
EP3	9078400010	Tube D=8.0 L=20MM	1
MP1	8510018010	1768 SHIELD CASE	1
MP2	8510018010	1768 SHIELD CASE	1
MP3	8510017760	194 VCO CASE (B)-1	2
MP4	8510010220	1768 D-SHIELD COVER	2
MP5	8510000470	MIX shield case(FX-249)	3
MP6	8510002390	Shield case (FX-22)	1
MP7	8510010210	1768 C-SHIELD COVER	1
MP8	8930014140	Shield case (D)	2
MP9	8930001180	case (FX-22)	1
MP10	8930020590	Insulation sheet (BY)	1
MP11	8930066570	FERRITE SHEET (O)	1
MP12	8930061490	Shield sponge (AB) [EUR] only	2

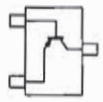
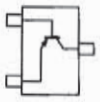
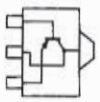
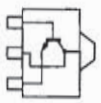
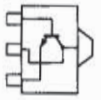
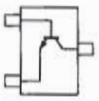
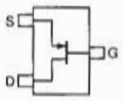
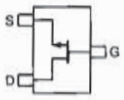
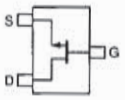
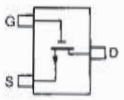
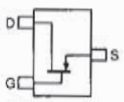
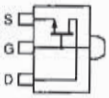
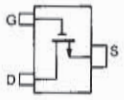
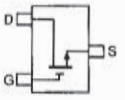
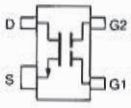
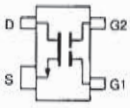
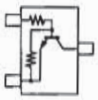
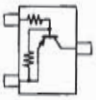
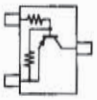
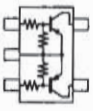
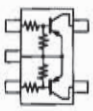
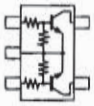
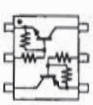
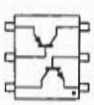
[CHASSIS PARTS]

REF NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510004910	NR-DSE-01	1
J2	6510004880	MR-DSE-01	1
J3	6510001910	1490P	1
P1	6510011640	VHR-3N	1
W2	9017680850	13/00/225/A05/B10	1
W3	9017680860	13/01/225/A05/B10	1
W4	9017680870	13/02/225/A05/B10	1
W5	8900012720	OPC-1292 [EUR] only	1
W6	8900012730	OPC-1293 [EUR] only	1
W7	8900014730	OPC-683A [EUR] only	1
W8	8900015930	OPC-886A [EUR] only	1
EP61	6910000640	FSOH090RN [EUR] only	1
EP62	6910000640	FSOH090RN [EUR] only	1
EP63	6910015700	SUMITUBE D=12.0 L=45MM [EUR] only	1
MP1	8010017892	1768 CHASSIS (A)-2	1
MP2	8510010401	1768 C-SHIELD PLATE-1	1
MP3	8930048960	SHIELD TAPE (B) [EUR] only	1
MP4	8930048120	SHIELD TAPE (A) [EUR] only	1
MP5	8510010391	1768 B-SHIELD PLATE-1 [EUR] only	1
MP6	8930061510	AL SHEET (AI) [EUR] only	1
MP8	8930040710	1768 A-CLIP	1
MP9	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	2
MP10	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	2
MP11	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	10
MP12	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	8
MP13	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	6
MP14	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	4
MP15	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	6
MP16	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	5
MP17	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	6
MP18	8930048960	SHIELD TAPE (B) [EUR] only	1
MP19	8930061500	AL SHEET (AH) [EUR] only	1
MP20	8810008661	Screw BT B0 3X8 NI-ZC3 (BT) [EUR] only	4
MP22	8810003460	Hex head bolt M5X18 SUS	1
MP24	8830000210	Nut M5 BS NI	1
MP25	8830000360	Nut M5 NI	1
MP26	8850000150	Flat washer M5 BS NI	2
MP27	8850000440	S-washer M5 NI	1
MP28	8810009061	Screw M3X6 ZK3	4
MP30	8930061490	Shield sponge (AB) [EUR] only	1
MP31	8210022930	PANEL (D)	1
MP32	8810008661	Screw BT B0 3X8 NI-ZC3 (BT)	4
MP33	8810009040	Setscrew (H) 2.6X10 NI	2
MP34	8950004620	SR-10	3
MP35	8950004610	S-5	3
MP36	8930012740	Sponge (BF) [EUR] only	1
MP37	8930001180	earth pin (FX-22)	1
MP38	8930024440	Sheet (AF)	2
MP39	8930027890	946 EARTH SPRING	1
MP40	8930061490	Shield sponge (AB) [EUR] only	1
MP41	8510010380	1768 A-SHIELD PLATE [EUR] only	1
MP42	8510010380	1768 A-SHIELD PLATE [EUR] only	1
MP43	8810008661	Screw BT B0 3X8 NI-ZC3 (BT) [EUR] only	4
MP44	8810008661	Screw BT B0 3X8 NI-ZC3 (BT) [EUR] only	4
MP45	8510010380	1768 A-SHIELD PLATE [EUR] only	1
MP46	8810008661	Screw BT B0 3X8 NI-ZC3 (BT) [EUR] only	4
MP47	8930048960	SHIELD TAPE (B) [EUR] only	1
MP48	8930048960	SHIELD TAPE (B) [EUR] only	1
MP51	8930048960	SHIELD TAPE (B) [EUR] only	1
MP52	8930049900	SHIELD TAPE (E) [EUR] only	1
MP53	8930048970	SHIELD TAPE (C) [EUR] only	1
MP54	8930048960	SHIELD TAPE (B) [EUR] only	1
MP55	8930048970	SHIELD TAPE (C) [EUR] only	1
MP56	8930048970	SHIELD TAPE (C) [EUR] only	1
MP57	8930049130	SHIELD TAPE (D) [EUR] only	1
MP61	8950000180	Cable tie -80 [EUR] only	1
MP62	8930071550	Shield sponge (BM) [EUR] only	1
MP63	8930071550	Shield sponge (BM) [EUR] only	1
MP64	8930071560	Shield sponge (BN) [EUR] only	1

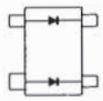
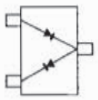
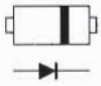
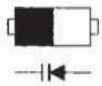
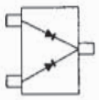
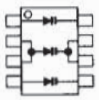
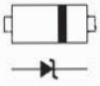
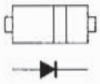
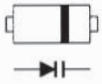
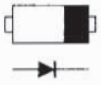
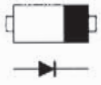
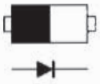
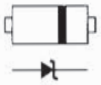
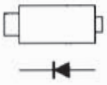
Screw abbreviations A, B0, BT: Self-tapping PH: Pan head
ZK: Black NI-ZU: Nickel-Zinc SUS: Stainless

SECTION 8 SEMICONDUCTOR INFRMATION

• TRANSISTORS AND FET'S

2SA1576 R (Symbol: FR) 	**2SA1586 GR** (Symbol: SG) 	**2SA1736** (Symbol: LD) 	**2SC2873 Y** (Symbol: MY) 	**2SC3650** (Symbol: CF) 
2SC3661 (Symbol: FY) 	**2SC4081 R** (Symbol: BR) 	**2SC4081 S** (Symbol: BS) 	**2SC4835** (Symbol: 3M) 	**2SJ144 GR** (Symbol: VG) 
2SK1069 (Symbol: FJ) 	**2SK1577 2** (Symbol: P2) 	**2SK2036** (Symbol: KJ) 	**2SK210 GR** (Symbol: YG) 	**2SK2171 4** (Symbol: KM) 
2SK536 (Symbol: BJ) 	**2SK882 GR** (Symbol: TG) 	**3SK131 LA** (Symbol: V12) 	**3SK228XR** (Symbol: XR) 	DTA114EU (Symbol: 14)
DTA144EU (Symbol: 16) 	**DTC114EU** (Symbol: 24) 	**DTC144EU** (Symbol: 26) 	**FMS2A** (Symbol: S2) 	**FMW2** (Symbol: W2)
RN2424 (Symbol: RD) 	**RN2427** (Symbol: RG) 	**XN1114** (Symbol: 7Q) 	**XN4601** (Symbol: 5C) 	**XP1114** (Symbol: 7Q) 
XP1213 (Symbol: 9L) 	**XP4311** (Symbol: 7X) 	**XP4601** (Symbol: 5C) 		

• DIODES

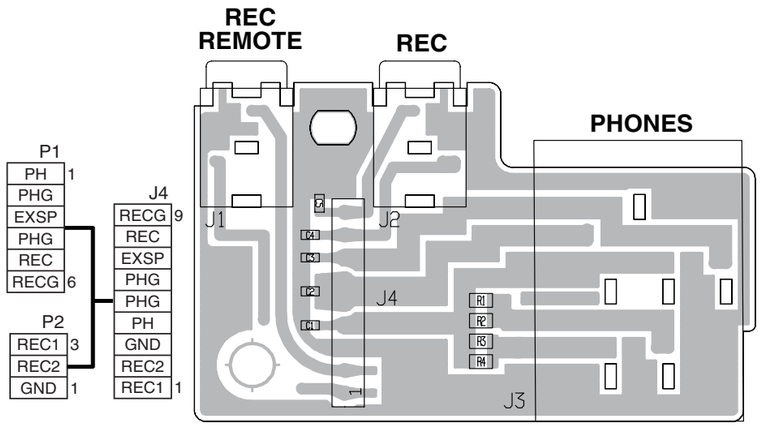
1SS272 (Symbol: A1) 	**1SS375** (Symbol: FH) 	**1SV237** (Symbol: BB) 	**1SV271** (Symbol: TG) 	**1T362A** (No symbol) 
DAN222 (Symbol: N) 	**HN2V02H** (Symbol: 2V02H) 	**MA862** (Symbol: M1I) 	**ND433G E1** (Symbol: 433) 	**RD10M B2** (Symbol: 102)
MA8160H (Symbol: 16^) 	**MA338** (Symbol: 6H) 	**1SV217** (Symbol: T6) 	**1SS355** (Symbol: A) 	**1SR154-400** (Symbol: 14) 
MA77 (Symbol: 4B) 	**MA8150M** (Symbol: 15–) 	**MA728** (Symbol: 2A) 	**MA363B** (Symbol: 6D) 	

SECTION 9 BOARD LAYOUTS

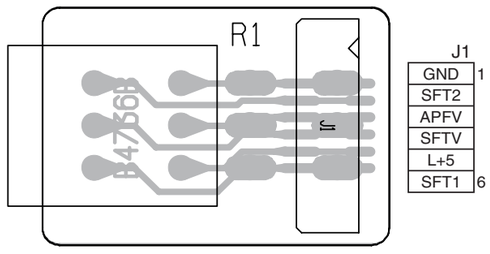
The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

• 9-1

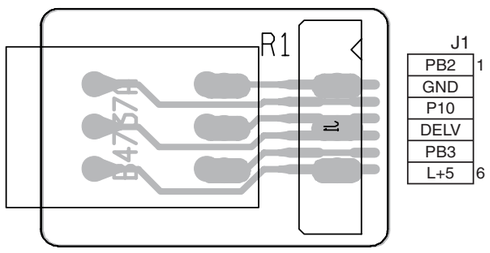
• JACK UNIT



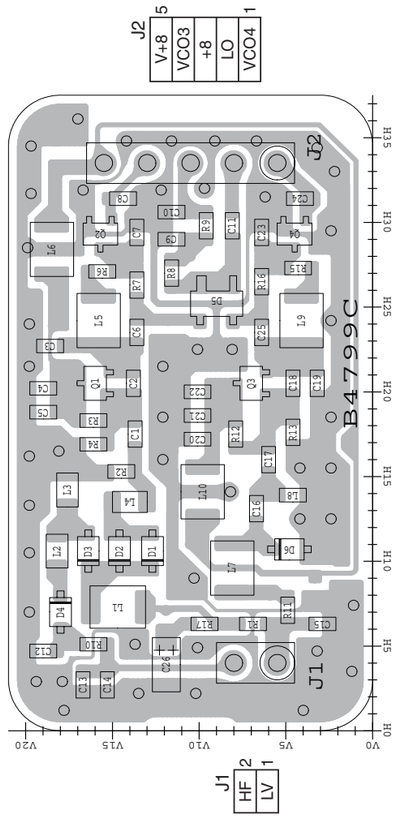
• VR-A UNIT



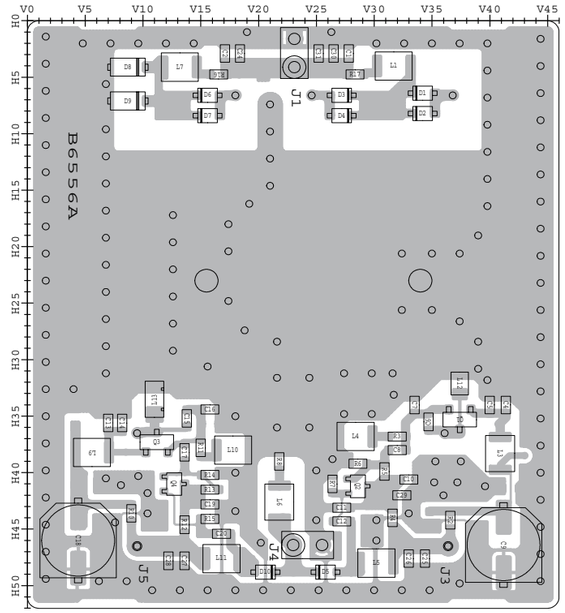
• VR-B UNIT



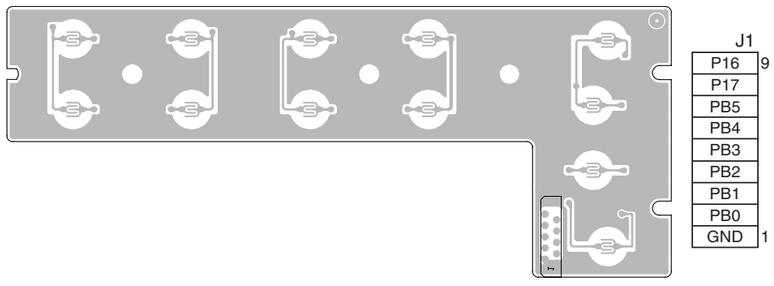
• VCO-B UNIT (TOP VIEW)



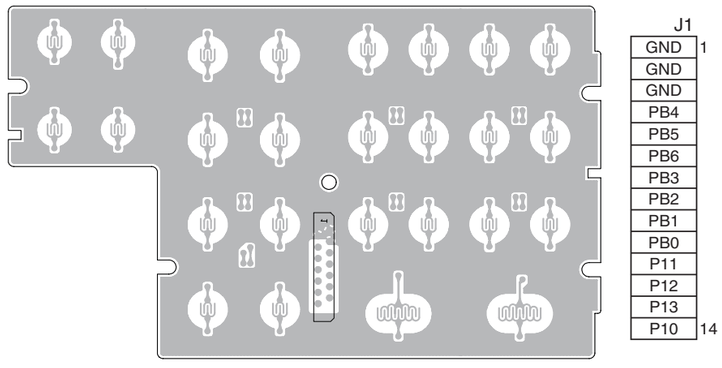
• VCO-C UNIT (TOP VIEW)



• SW-A UNIT (TOP VIEW)

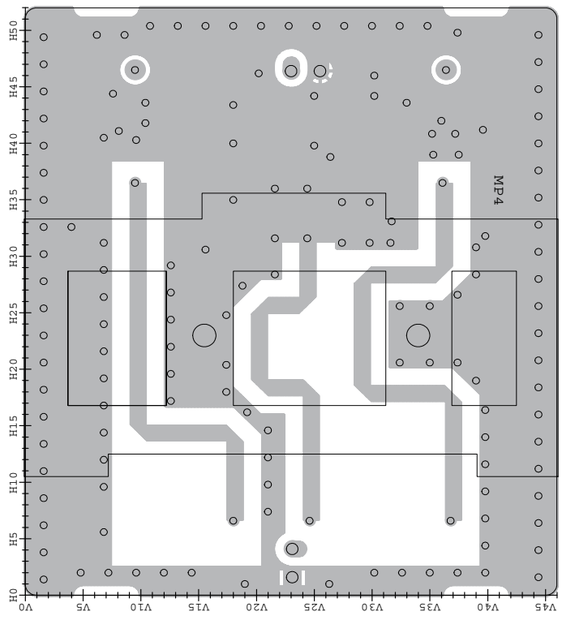


• SW-B UNIT (TOP VIEW)

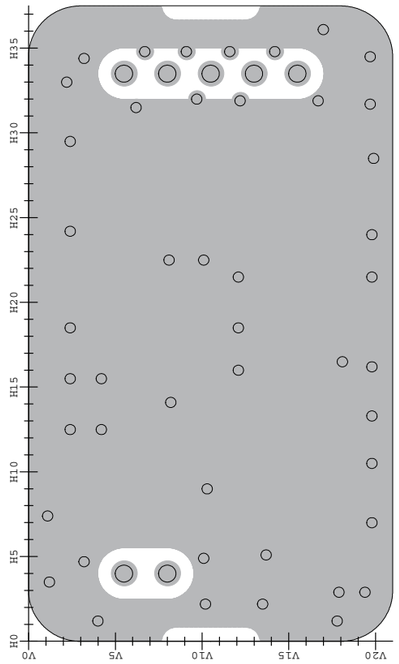


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

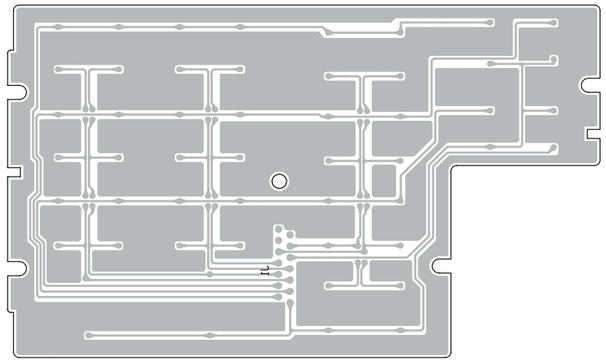
• VCO-C UNIT (BOTTOM VIEW)



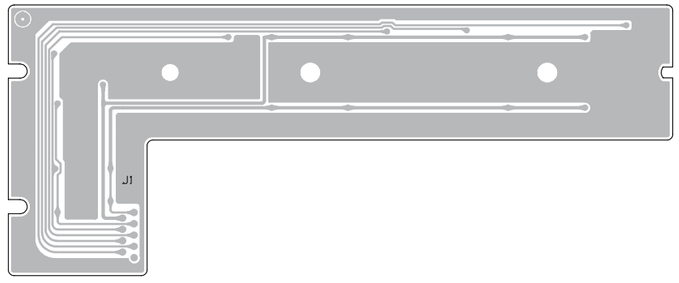
• VCO-B UNIT (BOTTOM VIEW)



• SW-B UNIT (BOTTOM VIEW)

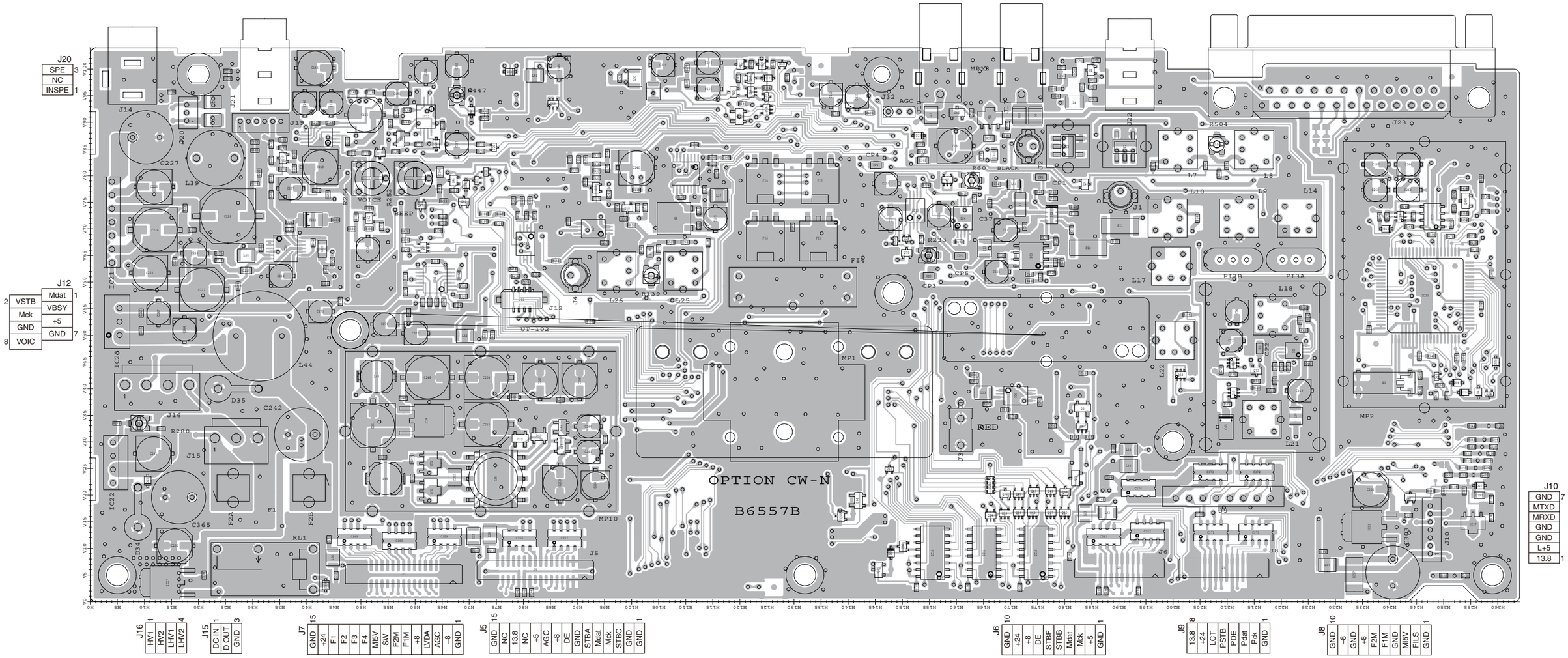


• SW-A UNIT (BOTTOM VIEW)



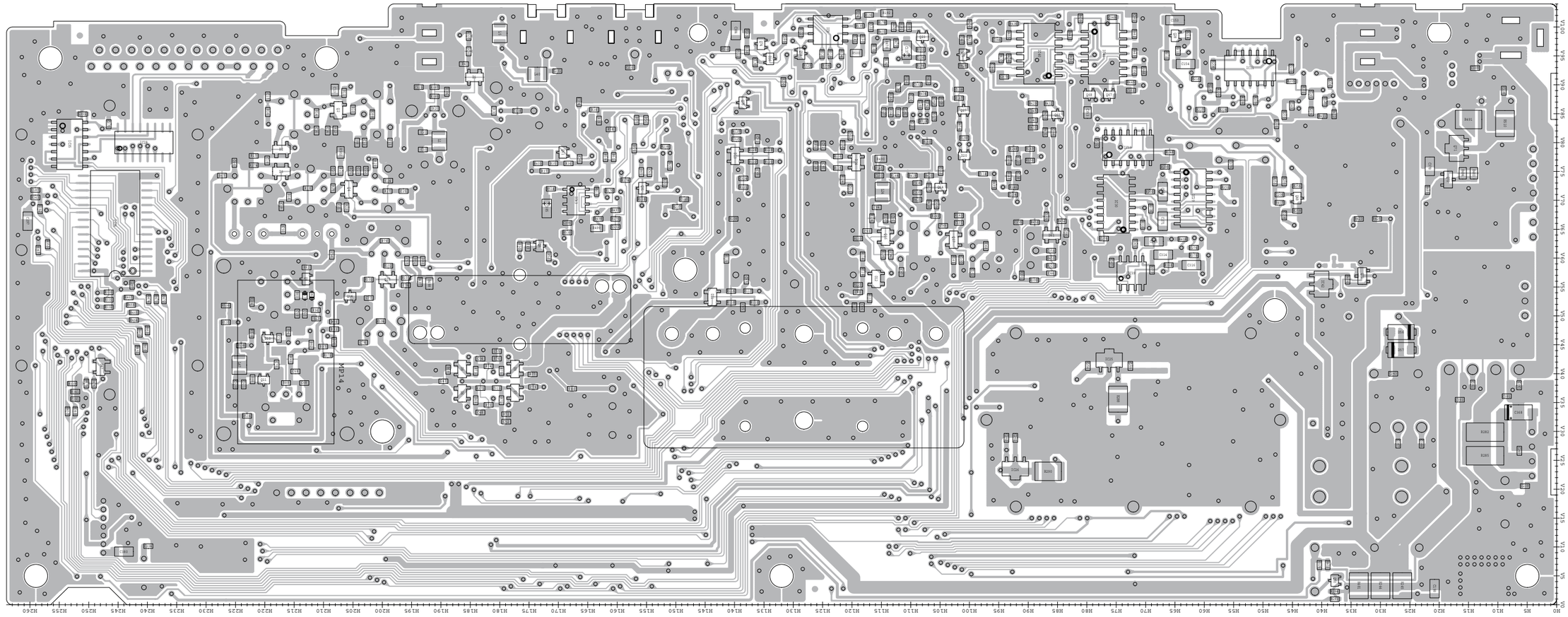
The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• MAIN-A UNIT (TOP VIEW)

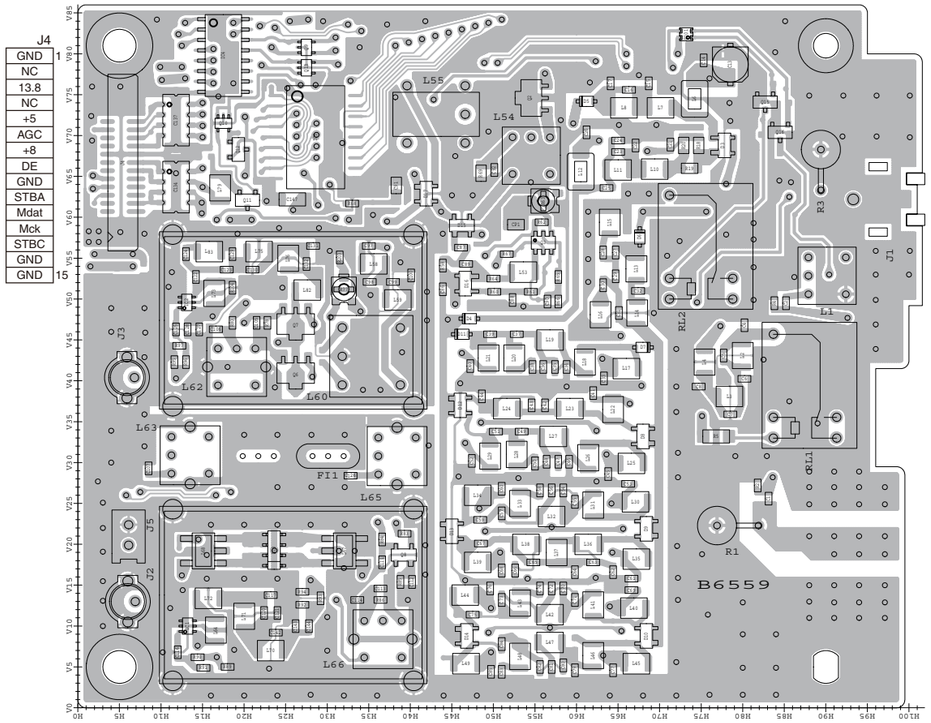


The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

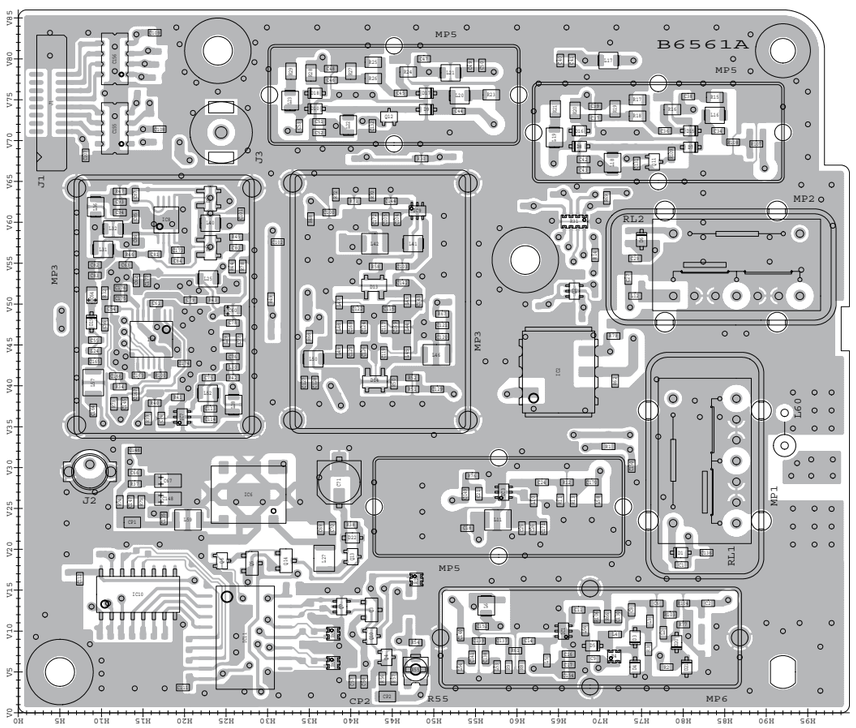
• MAIN-A UNIT (BOTTOM VIEW)



• RF-C UNIT (TOP VIEW)

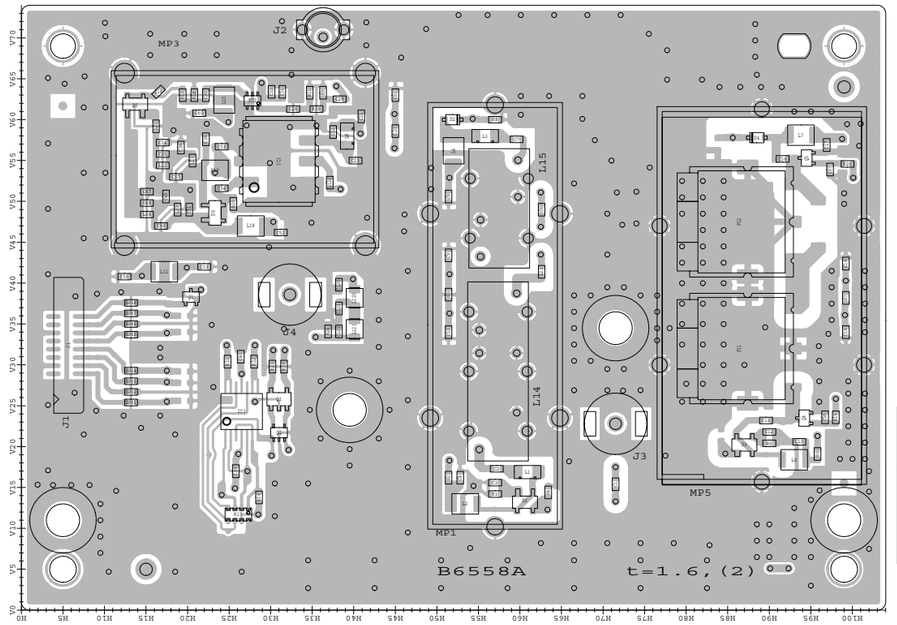


• CONV-B UNIT (TOP VIEW)

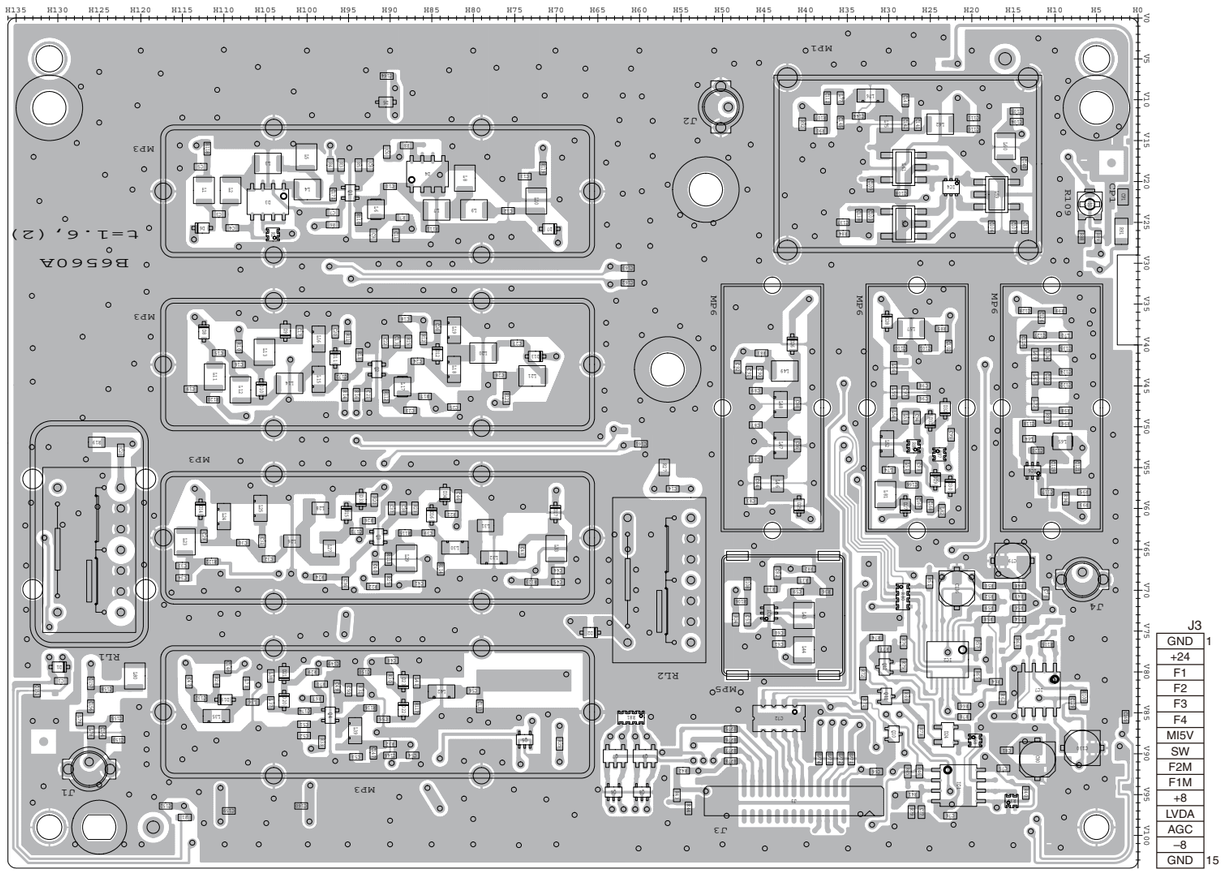


• MIX-A UNIT (TOP VIEW)

The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

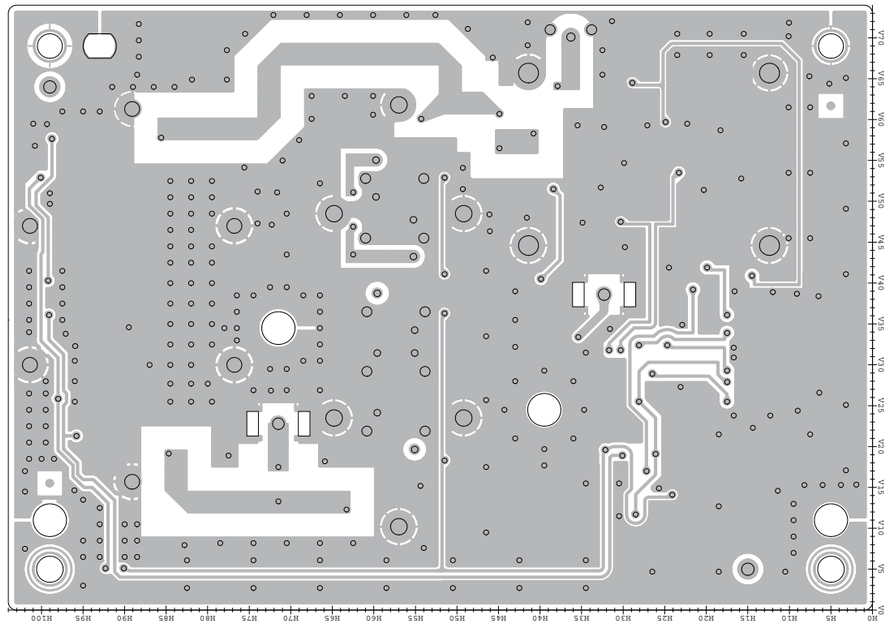


• RF-D UNIT (TOP VIEW)

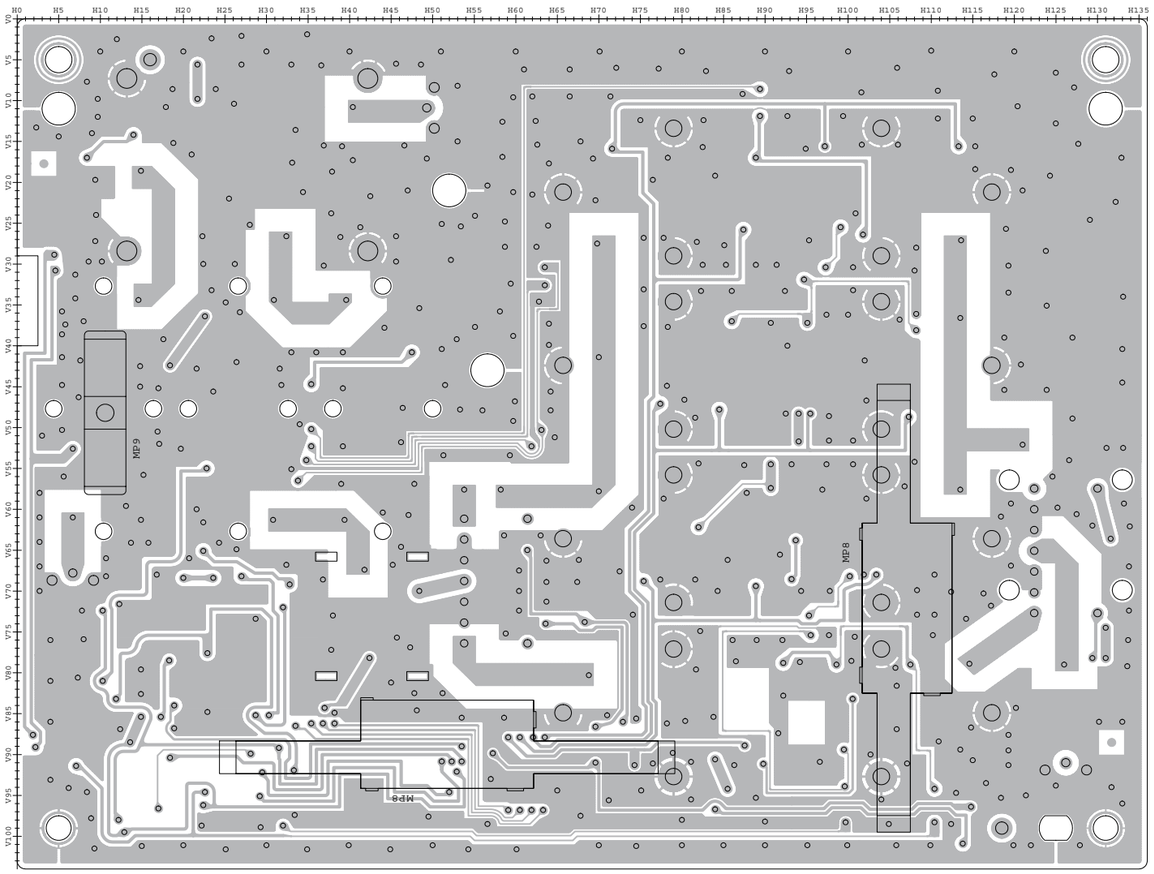


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

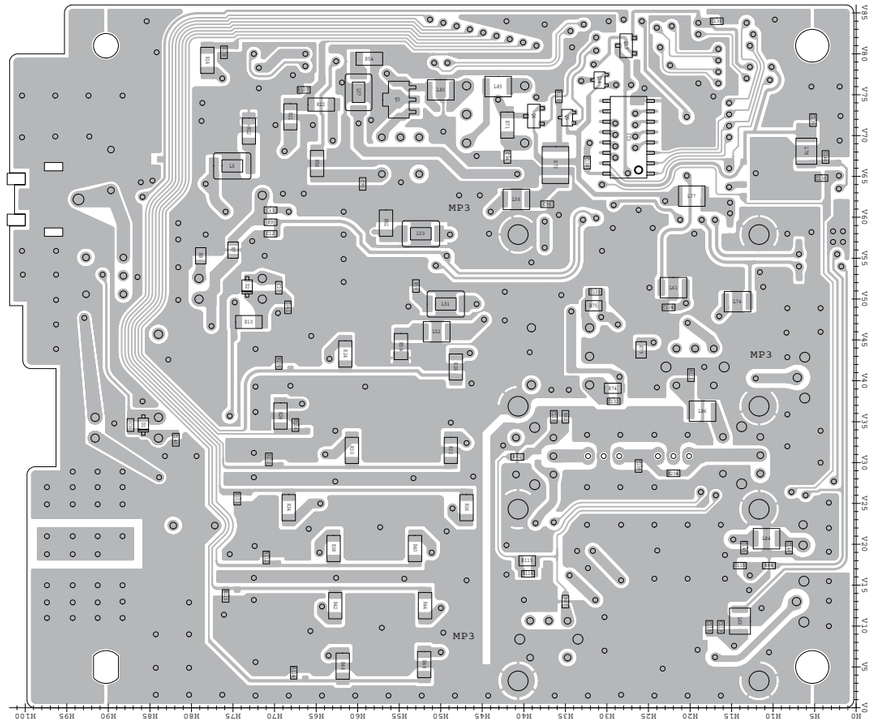
• MIX-A UNIT (BOTTOM VIEW)



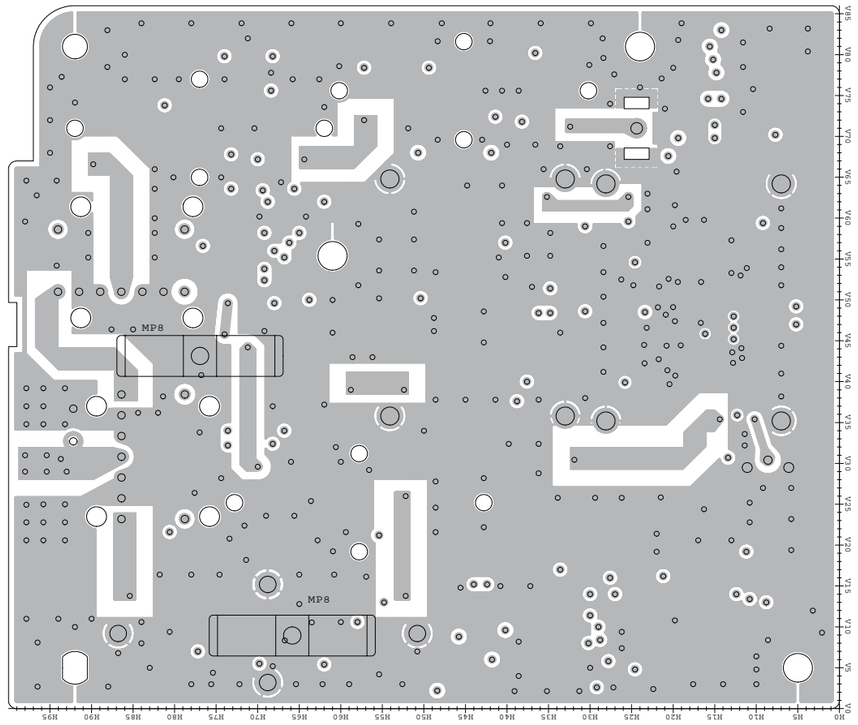
• RF-D UNIT (BOTTOM VIEW)



• RF-C UNIT (BOTTOM VIEW)

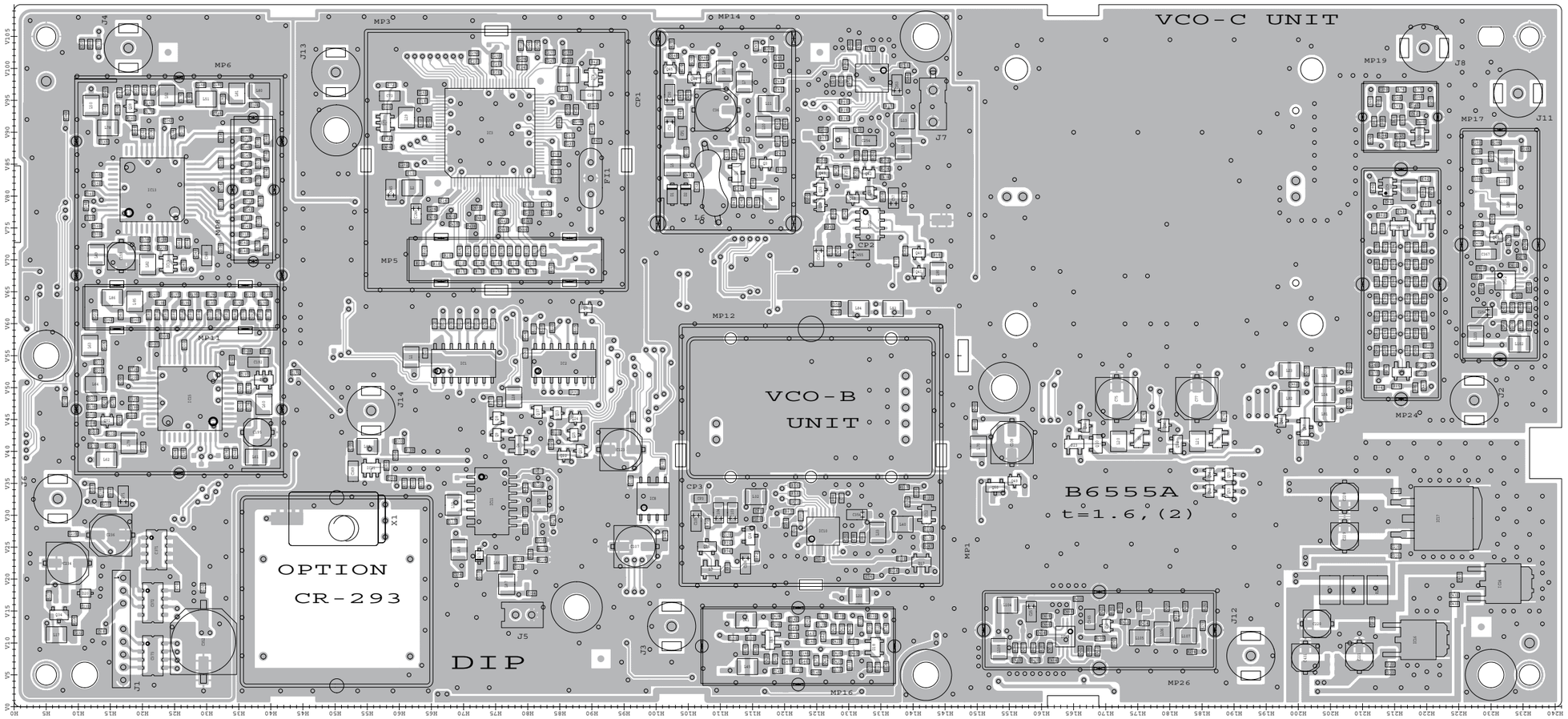


• CONV-B UNIT (BOTTOM VIEW)



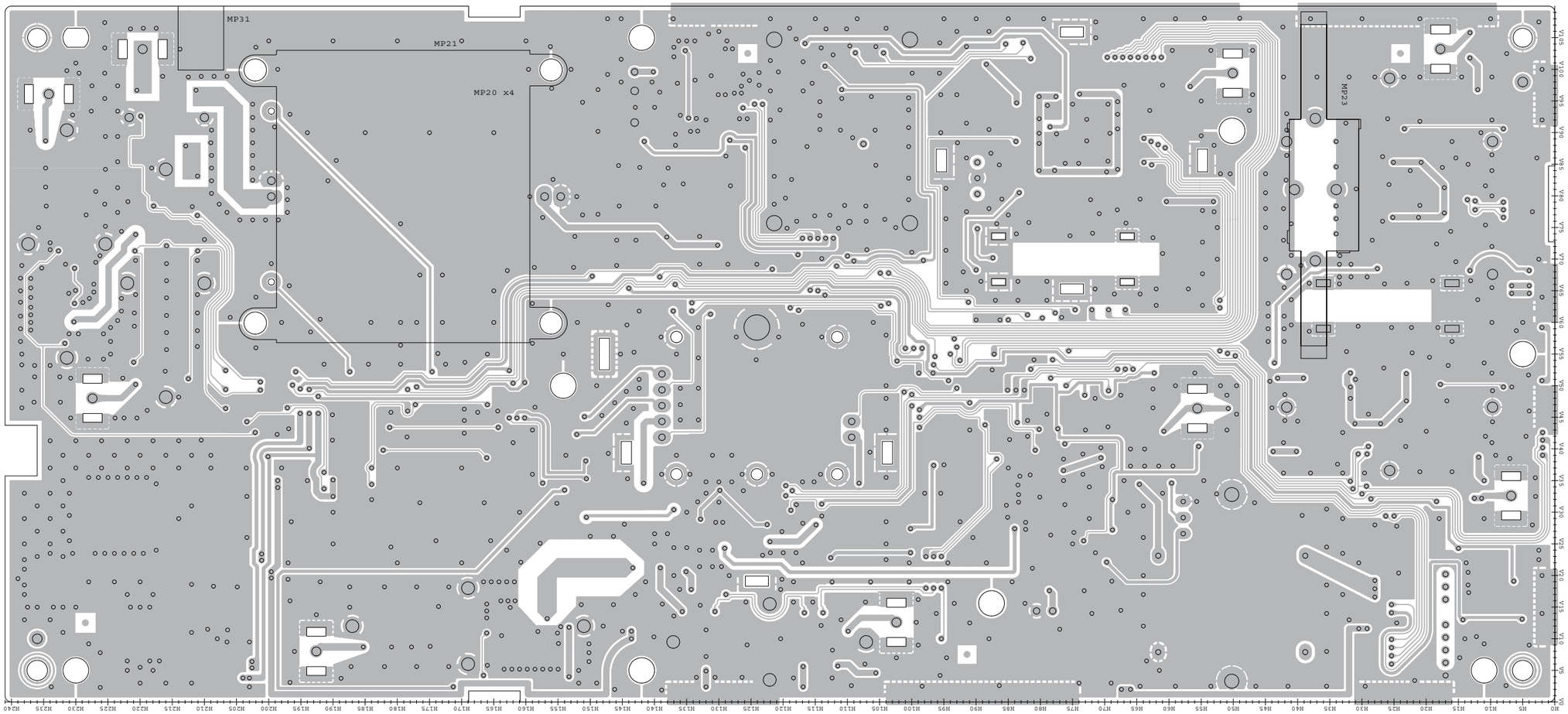
The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• PLL-B UNIT (TOP VIEW)



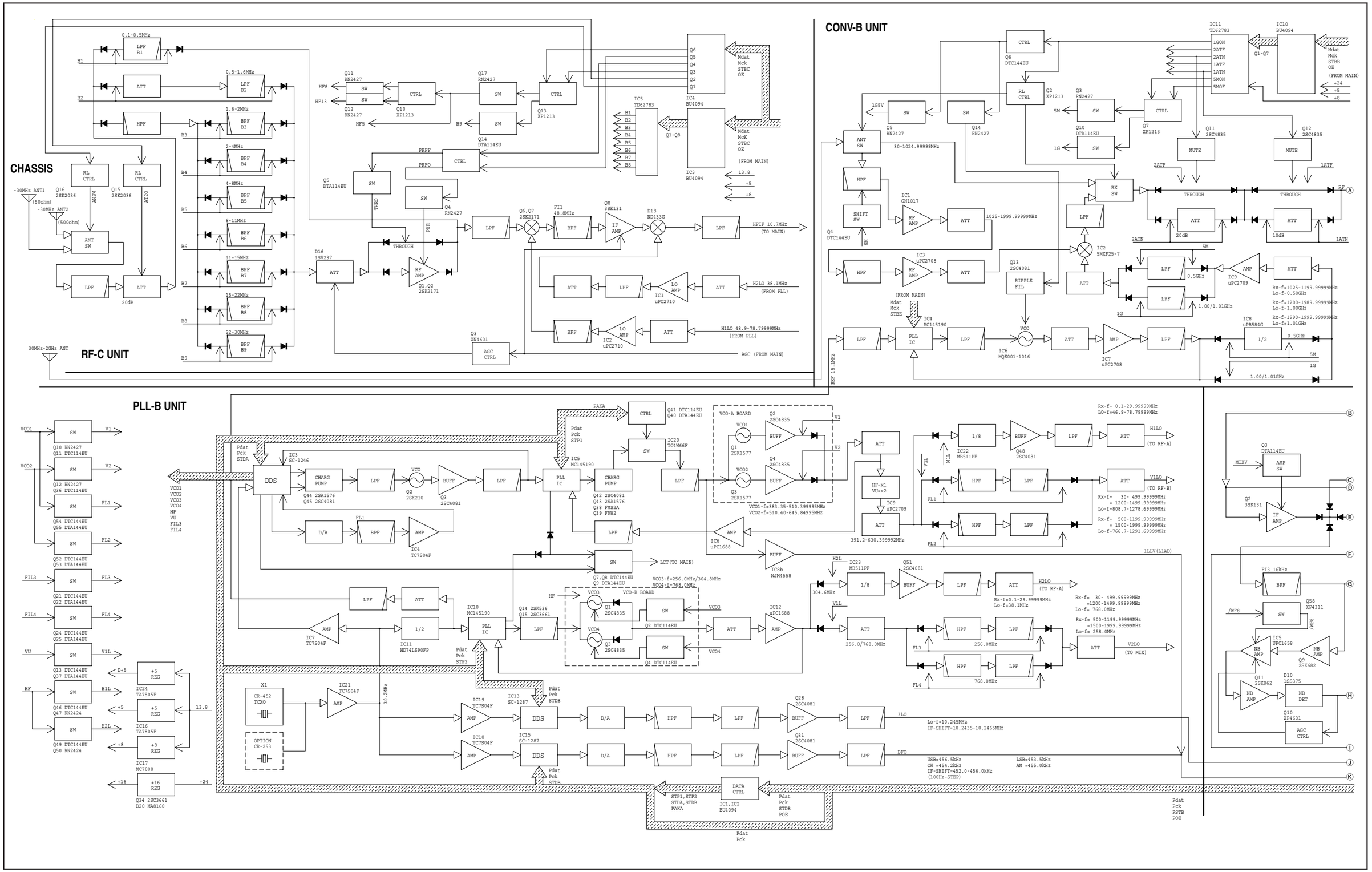
The combination of this side and the bottom side shows the unit layout in the same configuration as the actual P.C. Board.

• PLL-B UNIT (BOTTOM VIEW)

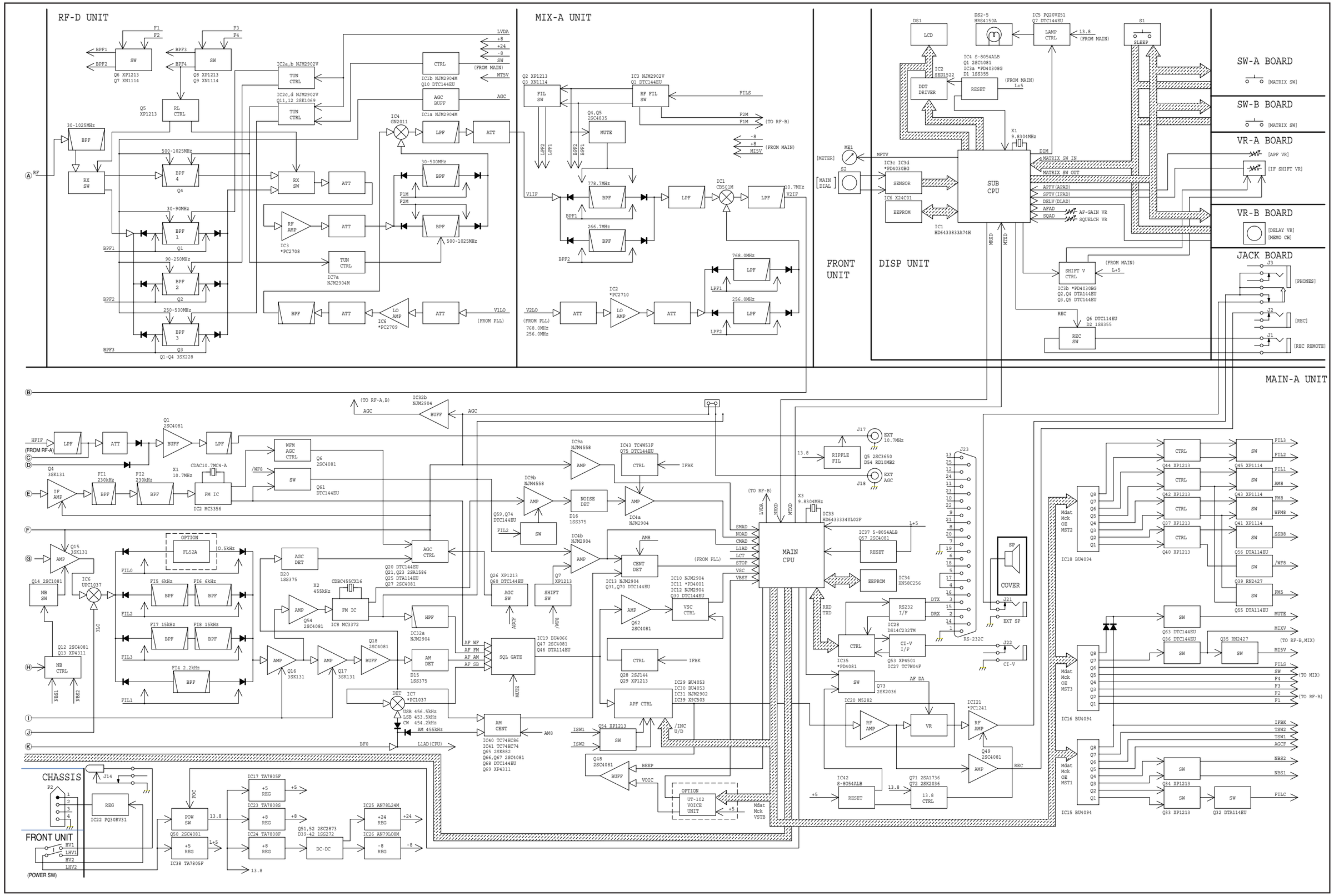


SECTION 10 BLOCK DIAGRAM

• BLOCK DIAGRAM-1

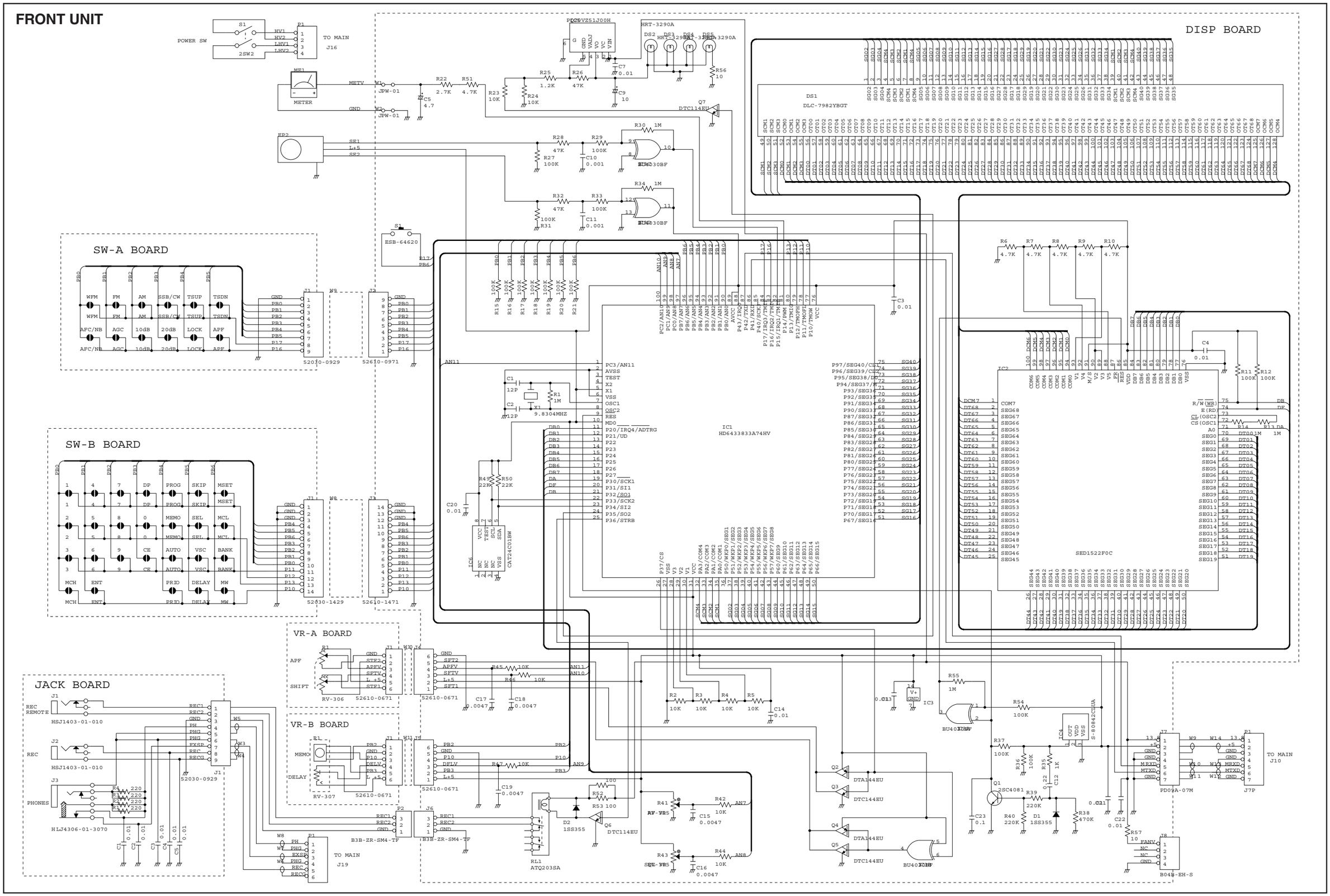


• BLOCK DIAGRAM-2

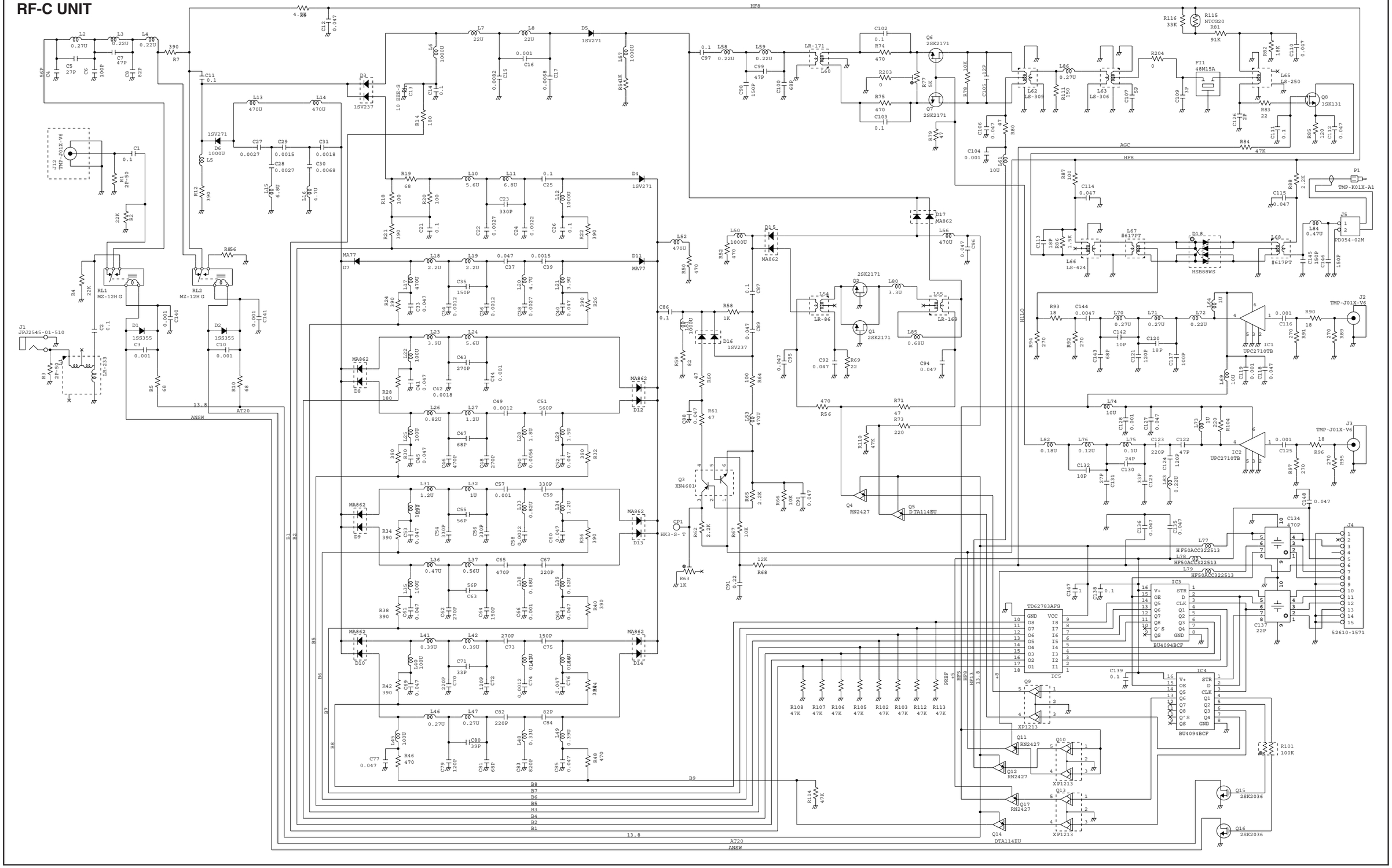


SECTION 11 VOLTAGE DIAGRAM

FRONT UNIT



RF-C UNIT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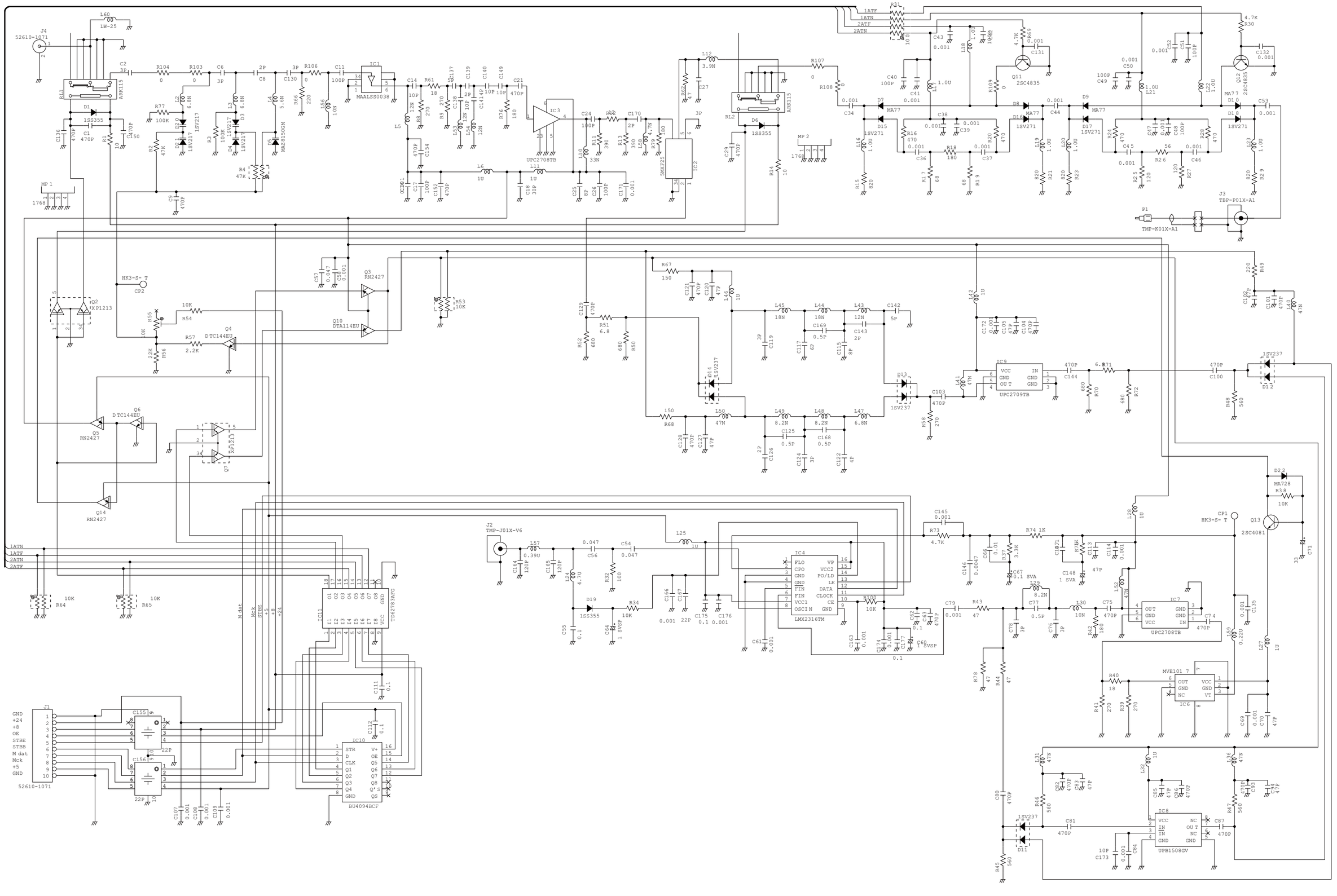
AGC
HF8
HI/LO
ANSW
AT20
13.8
B1
B2
B3
B4
B5
B6
B7
B8
B9
IC1 UPC2710TB
IC2 UPC2710TB
IC3 BU4094BCF
IC4 BU4094BCF
IC5 TD62783AFG
Q1 2SK2171
Q2 2SK2171
Q3 XN4601
Q4 RN2427
Q5 DTA114EU
Q6 2SK2171
Q7 2SK2171
Q8 3SK131
Q9 XP1213
Q10 XP1213
Q11 RN2427
Q12 RN2427
Q13 XP1213
Q14 DTA114EU
Q15 2SK2036
Q16 2SK2036
Q17 RN2427
D1 1SS355
D2 1SS355
D3 1SV237
D4 1SV271
D5 1SV271
D6 1SV271
D7 MA77
D8 MA862
D9 MA862
D10 MA862
D11 MA77
D12 MA862
D13 MA862
D14 MA862
D15 MA862
D16 1SV237
D17 MA862
D18 HSB88WS
RL1 MZ-12H G
RL2 MZ-12H G
FI1 48M15A
CF1 HK3-S-T1
J1 JPJ2545-01-510
J2 TMP-J01X-V6
J3 TMP-J01X-V6
J4 52610-1571
J5 PD054-02M
J12 TMP-J01X-V6
P1 TMP-K01X-A1

CONV-B UNIT



J4
52610-1071
L60
LW-25
ARK115
IC1
MAALSS0038
IC3
UPC2708TB
IC2
5MXF25
RL2
ARK115
MP 1
1768
MP 2
1768
J3
TBP-P01X-A1
P1
TMP-K01X-A1
Q2
XP1213
HK3-S- T
CP2
Q3
RN2427
Q10
DTA114EU
Q4
DTC144EU
Q5
RN2427
Q6
DTC144EU
Q7
XP1213
Q14
RN2427
IC9
UPC2709TB
IC4
LMX2316TM
J2
TMP-J01X-V6
IC7
UPC2708TB
IC6
MVE101
IC8
UPB1508GV
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HK3-S- T
Q13
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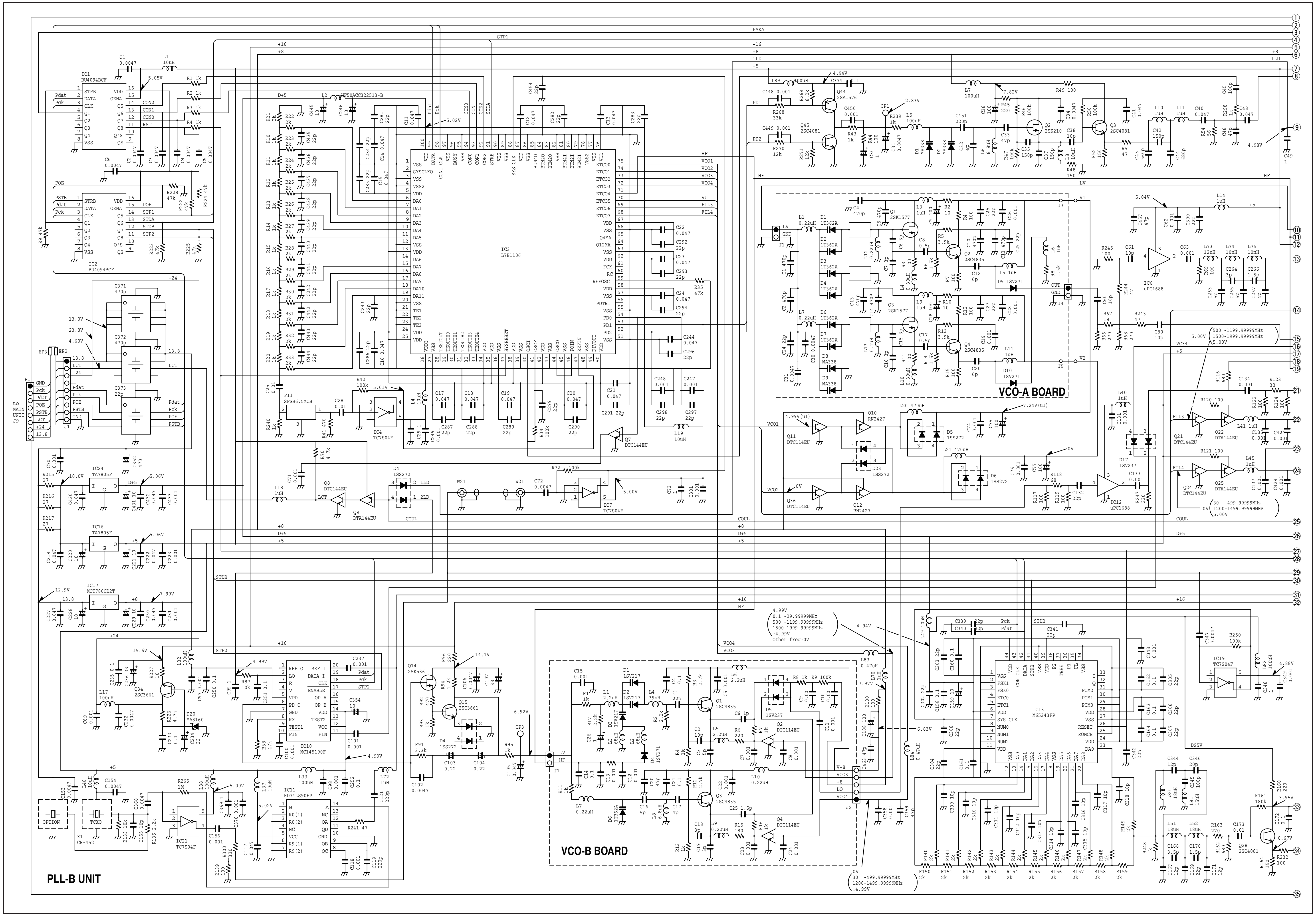
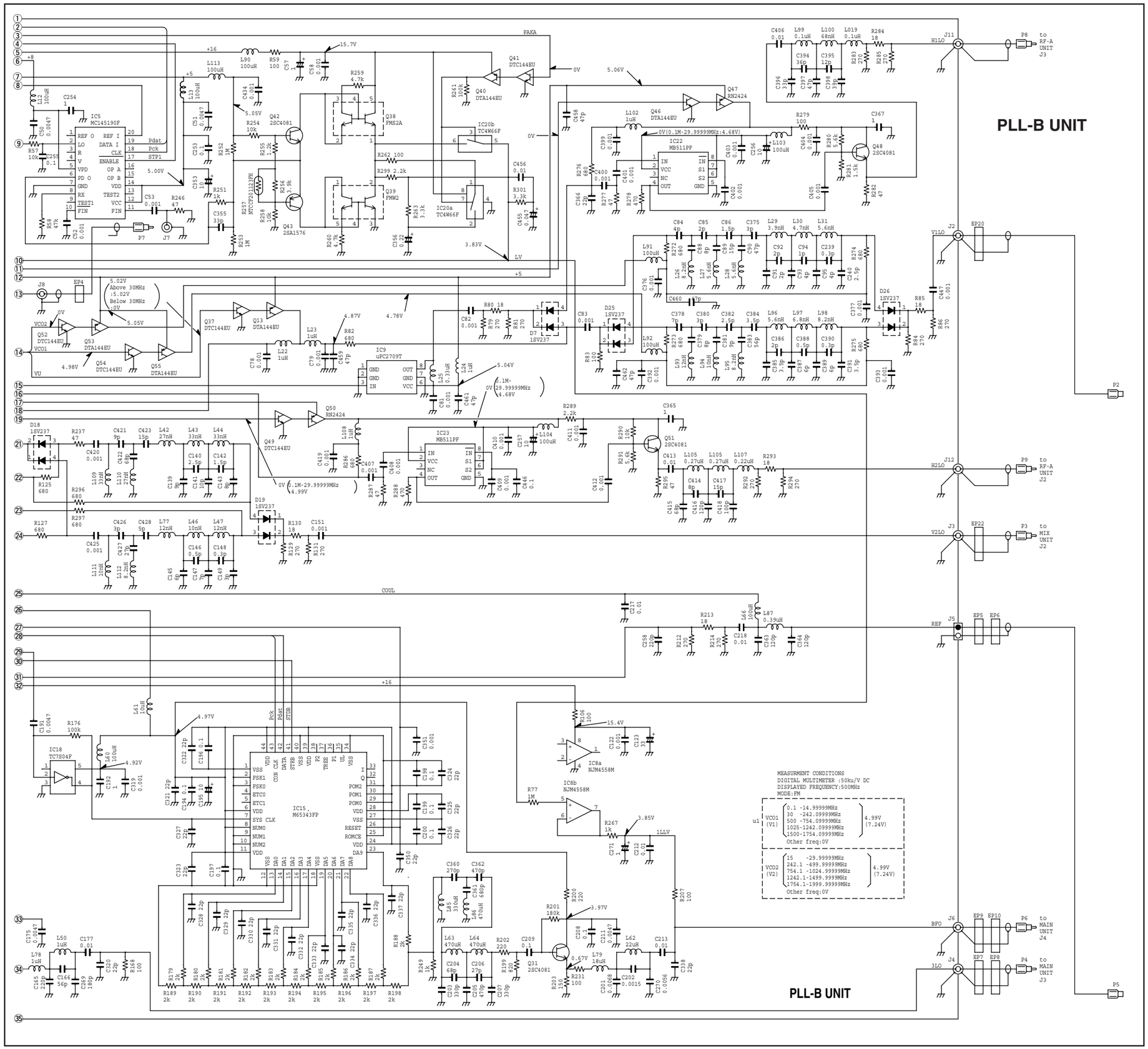
52610-1071


PLL-B UNIT
VCO-A BOARD
VCO-B BOARD
to MAIN UNIT J9
IC1 BU4094BCF
IC2 BU4094BCF
IC3 L7B1106
IC4 TC7S04F
IC6 uPC1688
IC7 TC7S04F
IC10 MC145190F
IC11 HD74LS90FP
IC12 uPC1688
IC13 M65343FP
IC16 TA7805F
IC17 MCT780CD2T
IC19 TC7S04F
IC21 TC7S04F
IC24 TA7805F
FI1 SFSH6.5MCB
X1 CR-452
OPTION
TCXO
Q1 2SK1577
Q2 2SK210
Q3 2SC4081
Q7 DTC144EU
Q8 DTC144EU
Q9 DTA144EU
Q10 RN2427
Q11 DTC114EU
Q12 RN2427
Q14 2SK536
Q15 2SC3661
Q21 DTC144EU
Q22 DTA144EU
Q24 DTC144EU
Q25 DTA144EU
Q28 2SC4081
Q34 2SC3661
Q36 DTC114EU
Q44 2SA1576
Q45 2SC4081
PAKA
STP1
STP2
STDB
COUL
+16
+8
+5
D+5
1LD
HF
LV
VCO1
VCO2
VCO3
VCO4
FIL3
FIL4
VC34
DS5V
500 -1199.99999MHz
1500-1999.99999MHz
5.00V
30 -499.99999MHz
1200-1499.99999MHz
4.99V
0.1 -29.99999MHz
Other freq:0V

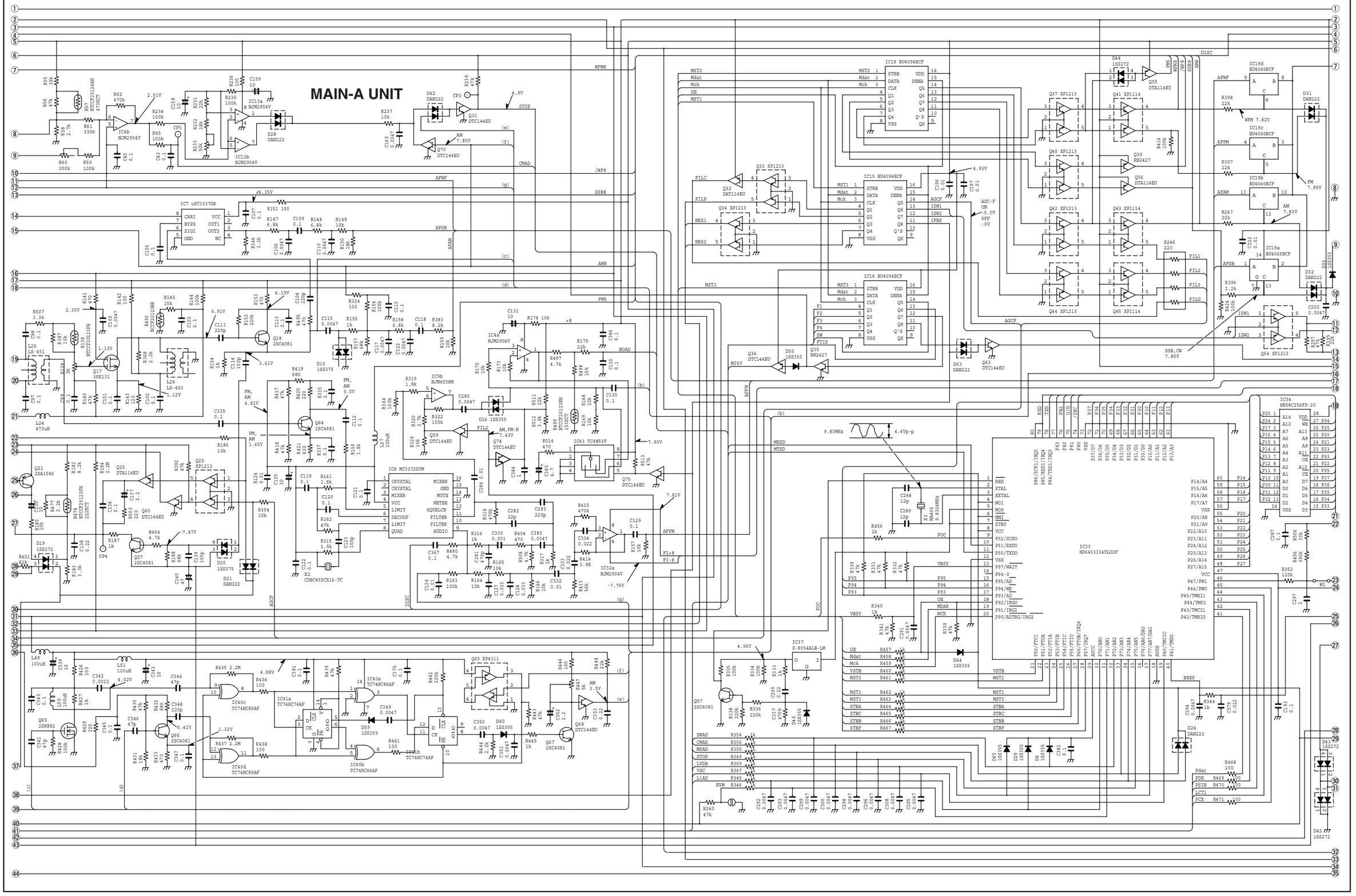

PLL-B UNIT
PLL-B UNIT
MEASURMENT CONDITIONS
DIGITAL MULTIMETER :50ku/V DC
DISPLAYED FREQUENCY:500MHz
MODE:FM
u1 VCO1 (V1) 0.1 -14.99999MHz 30 -242.09999MHz 500 -754.09999MHz 1025-1242.09999MHz 1500-1754.09999MHz Other freq:0V 4.99V (7.24V)
VCO2 (V2) 15 -29.99999MHz 242.1 -499.99999MHz 754.1 -1024.99999MHz 1242.1-1499.9999MHz 1754.1-1999.99999MHz Other freq:0V 4.99V (7.24V)
IC5 MC145190F
IC22 MB511PF
IC23 MB511PF
IC15 M65343FP
IC9 uPC2709T
IC18 TC7S04F
IC8a NJM4558M
IC8b NJM4558M
IC20a TC4W66F
IC20b TC4W66F
Q38 FMS2A
Q39 FMW2
Q42 2SC4081
Q43 2SA1576
Q48 2SC4081
Q51 2SC4081
Q31 2SC4081
Q40 DTA144EU
Q41 DTC144EU
Q46 DTA144EU
Q47 RN2424
Q49 DTC144EU
Q50 RN2424
Q52 DTC144EU
Q53 DTA144EU
Q54 DTC144EU
Q55 DTA144EU
Q37 DTC144EU
Q13 DTA144EU
D7 1SV237
D25 1SV237
D26 1SV237
D18 1SV237
D19 1SV237
PAKA
COUL
H1LO
H2LO
V1LO
V2LO
REF
BFO
3LO
to RF-A UNIT J3
to RF-A UNIT J2
to MIX UNIT J2
to MAIN UNIT J4
to MAIN UNIT J3

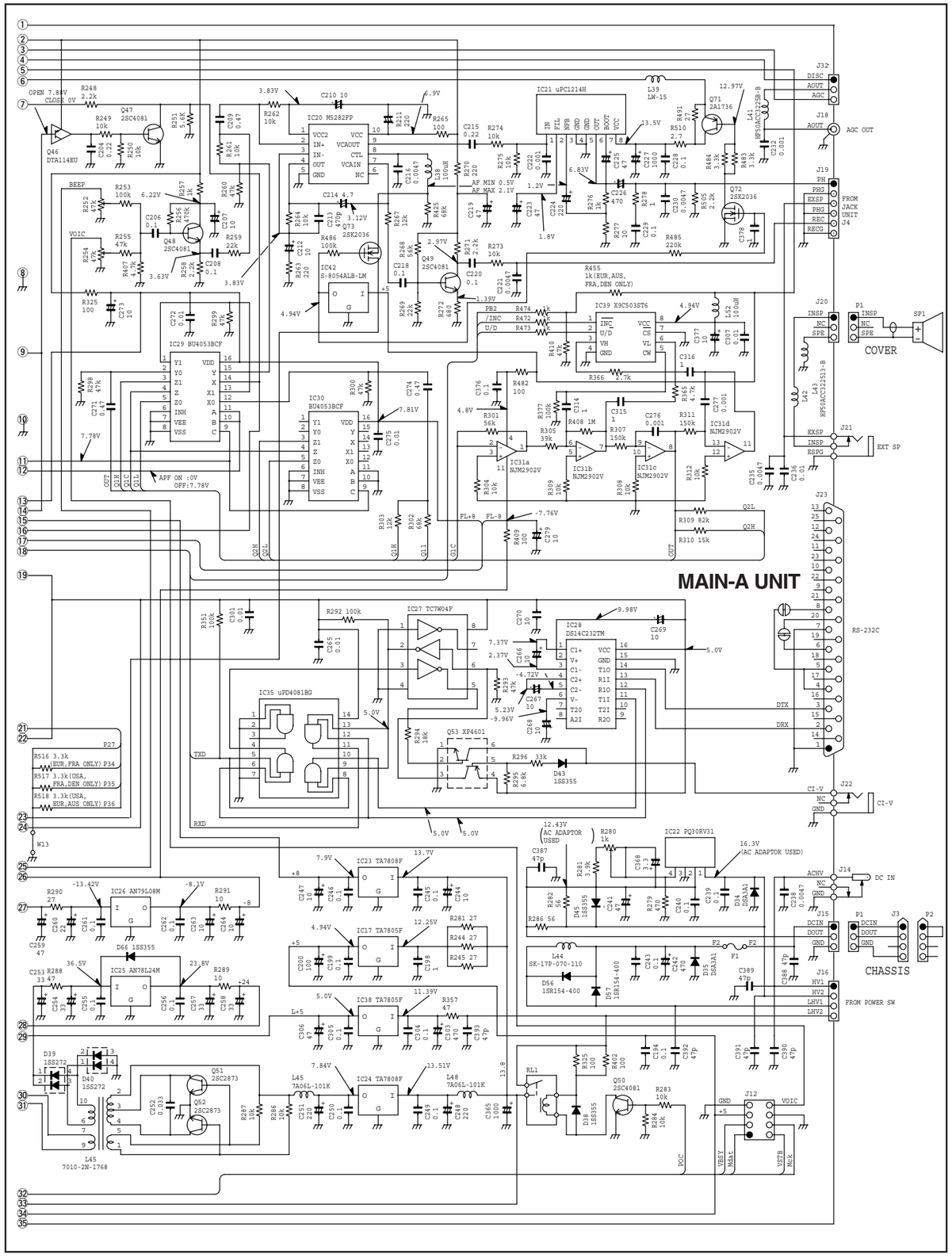
MAIN-A UNIT

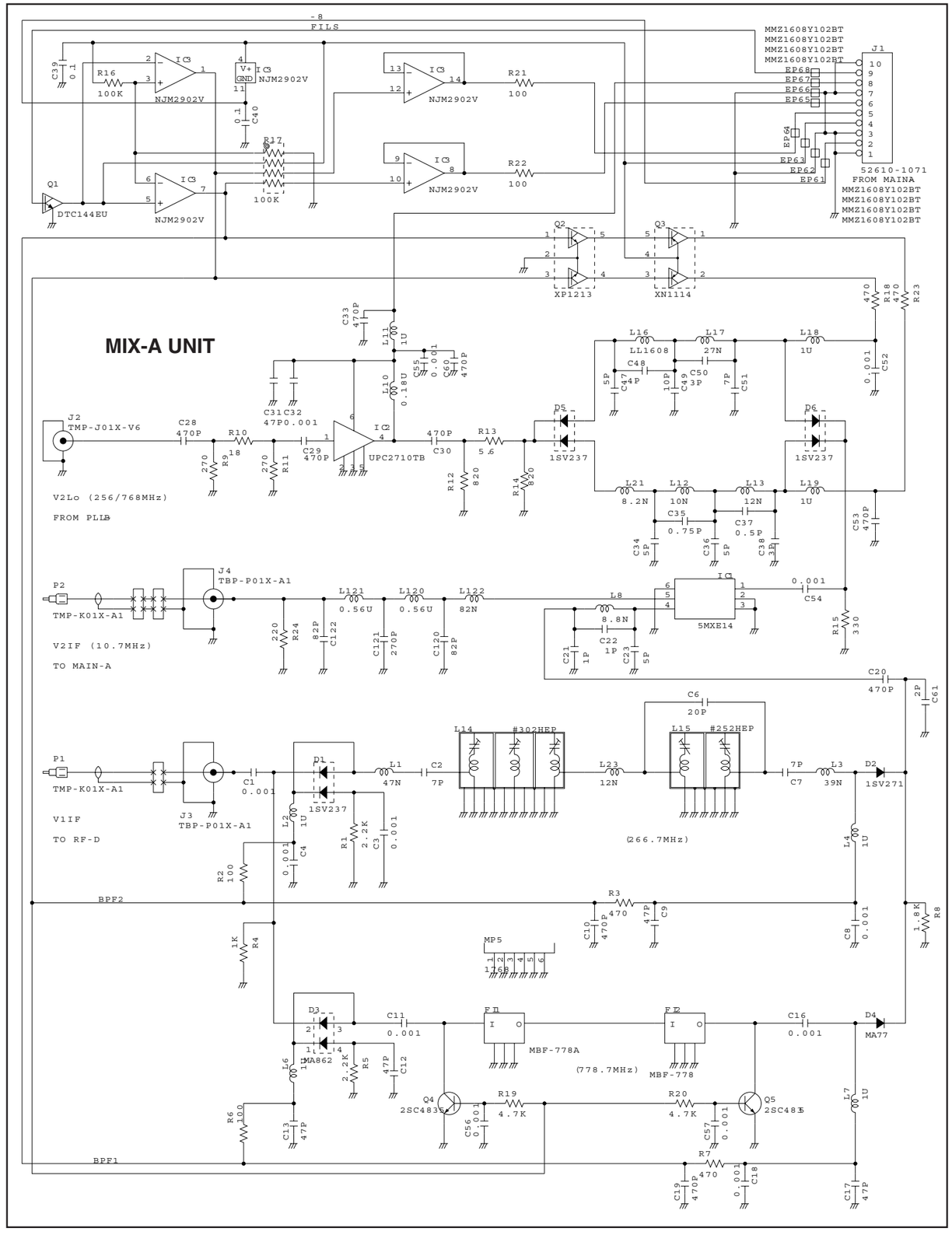
MAIN UNIT

MEASUREMENT CONDITION
DIGITAL MULTIMETER:50ku/V DC
WAVEFORM:OSCILLOSCOPE(10MHz)
DISPLAYED FREQUENCY:145MHz
MODE:FM

MAIN-A UNIT


IC18 BU4094BCF
IC15 BU4094BCF
IC16 BU4094BCF
IC7 uPC1037GR
IC8 MC3372SVM
IC9b NJM4558M
IC4a NJM2904V
IC4b NJM2904V
IC13a NJM2904V
IC13b NJM2904V
IC32a NJM2904V
IC40a TC74HC86AF
IC40b TC74HC86AF
IC40c TC74HC86AF
IC40d TC74HC86AF
IC41a TC74HC74AF
IC41b TC74HC74AF
IC43 TC4W53F
IC37 S-8054ALB-LM
IC33 HD6433334YLO2F
IC34 HN58C256FP-20
IC19a BU4066BCF
IC19b BU4066BCF
IC19c BU4066BCF
IC19d BU4066BCF
Q17 3SK131
Q18 2SC4081
Q25 DTA114EU
Q27 2SC4081
Q32 DAT114EU
Q33 XP1213
Q34 XP1213
Q35 RN2427
Q36 DTC144EU
Q37 XP1213
Q39 RN2427
Q40 XP1213
Q41 XP1114
Q42 XP1213
Q43 XP1114
Q44 XP1213
Q45 XP1114
Q54 XP1213
Q55 DTA114EU
Q56 DTA114EU
Q57 2SC4081
Q59 DTC144EU
Q60 DTC144EU
Q63 DTC144EU
Q64 2SC4681
Q66 2SC4081
Q68 DTC144EU
Q69 XP4311
Q70 DTC144EU
Q74 DTC144EU
Q75 DTC144EU
Q87 2SA1586
WFM8
/WF8
SSB8
AM8
FM5
AFWF
AFSB
AFFM
CMAD
DISC
STOP
MST2
MST3
AGCF
MTSV
MRXD
MTXD
NOAD
SMAD
VSC
LVDA
LIAD
EVM
BEEP
VSTB
MST1
MST2
MST3
STBA
STBC
STBB
STBF
FIL1
FIL2
FIL3
FIL4
SSB,CW 7.85V
AM 7.83V
FM 7.85V
WFM 7.82V
AGC-F ON :5.0V OFF :0V
9.83MHz
4.6Vp-p
MAIN-A UNIT


MAIN-A UNIT
COVER
CHASSIS
AGC OUT
EXT SP
RS-232C
DC IN
FROM POWER SW
FROM JACK UNIT J4
IC20 M5282FP
IC21 uPC1214H
IC39 X9C503ST6
IC29 BU4053BCF
IC30 BU4053BCF
IC42 S-8054ALB-LM
IC27 TC7W04F
IC28 DS14C232TM
IC35 uPD4081BG
IC22 PQ30RV31
IC23 TA7808F
IC17 TA7805F
IC26 AN79L08M
IC25 AN78L24M
IC38 TA7805F
IC24 TA7808F
Q47 2SC4081
Q48 2SC4081
Q49 2SC4081
Q72 2SK2036
Q71 2A1736
Q53 XP4601
Q51 2SC2873
Q52 2SC2873
Q50 2SC4081
Q46 DTA114EU
D43 1SS355
D39 1SS272
D40 1SS272
D66 1SS355
D56 1SR154-400
D57 1SR154-400
D35 DSA3A1
D34 DSA3A1
D38 1SS355
RL1
L44 SK-17P-070-110
L45 7010-2N-1768
L41 HF50ACC322513-B
L42 HF50ACC322513-B
L39 LW-15
J32
J18
J19
J20
J21
J23
J22
J14
J15
J16
J12
J3
P1
P2
SP1
OPEN 7.88V
CLOSE 0V
APF ON :0V
OFF :7.78V
AF MIN 0.5V
AF MAX 2.1V
AC ADAPTOR USED
(AC ADAPTOR USED)
R455 1K(EUR,AUS, FRA,DEN ONLY)
R516 3.3k (EUR,FRA ONLY) P34
R517 3.3k(USA, FRA,DEN ONLY) P35
R518 3.3k(USA, EUR,AUS ONLY) P36
W13


MIX-A UNIT
FILS
NJM2902V
DTC144EU
XP1213
XN1114
MMZ1608Y102BT
52610-1071
FROM MAINA
UPC2710TB
1SV237
5MXE14
V2Lo (256/768MHz)
FROM PLLB
TMP-J01X-V6
TBP-P01X-A1
TMP-K01X-A1
V2IF (10.7MHz)
TO MAIN-A
V1IF
TO RF-D
#302HEP
#252HEP
(266.7MHz)
MA862
MBF-778A
MBF-778
(778.7MHz)
2SC4835
BPF2
BPF1

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