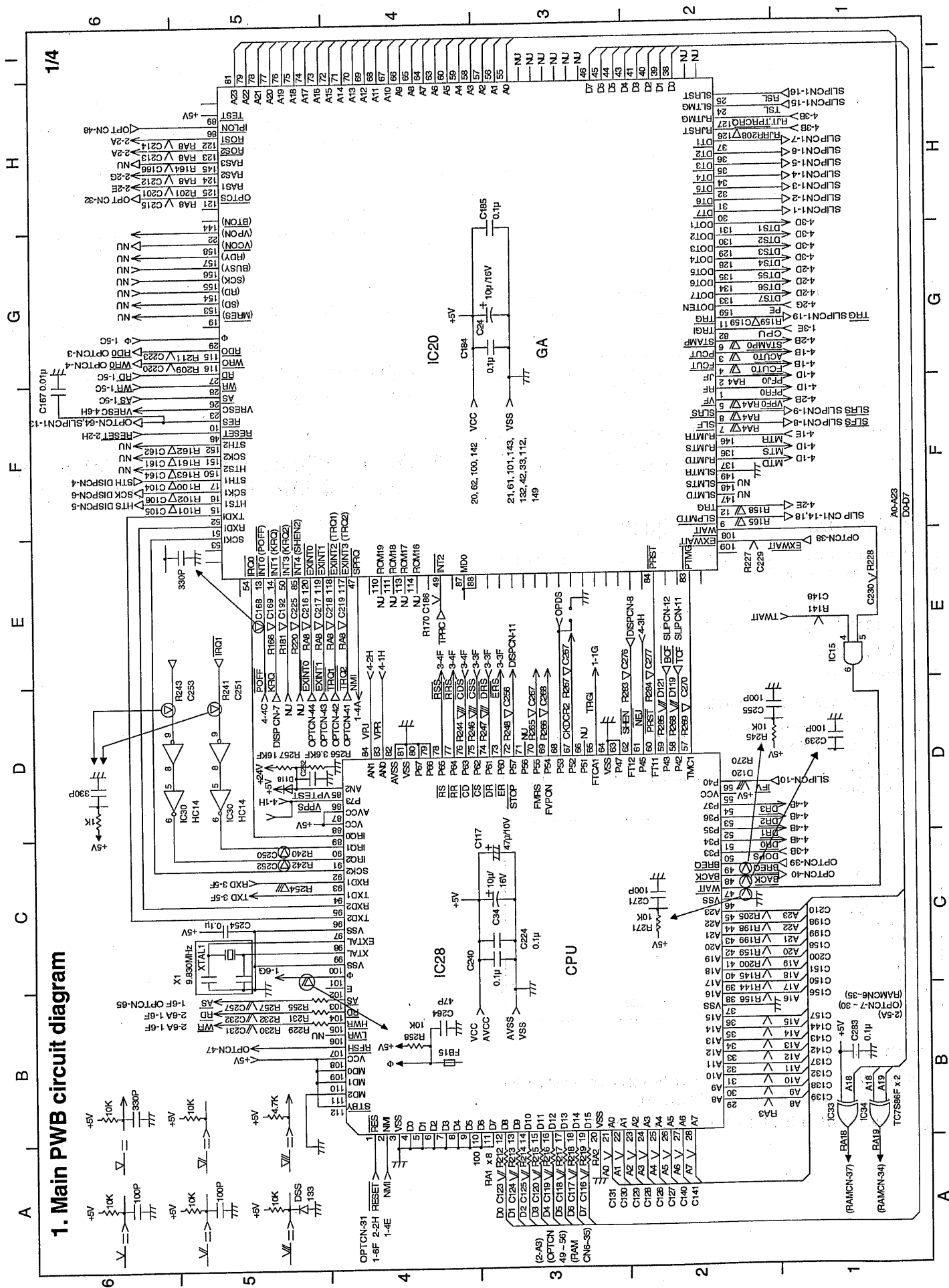
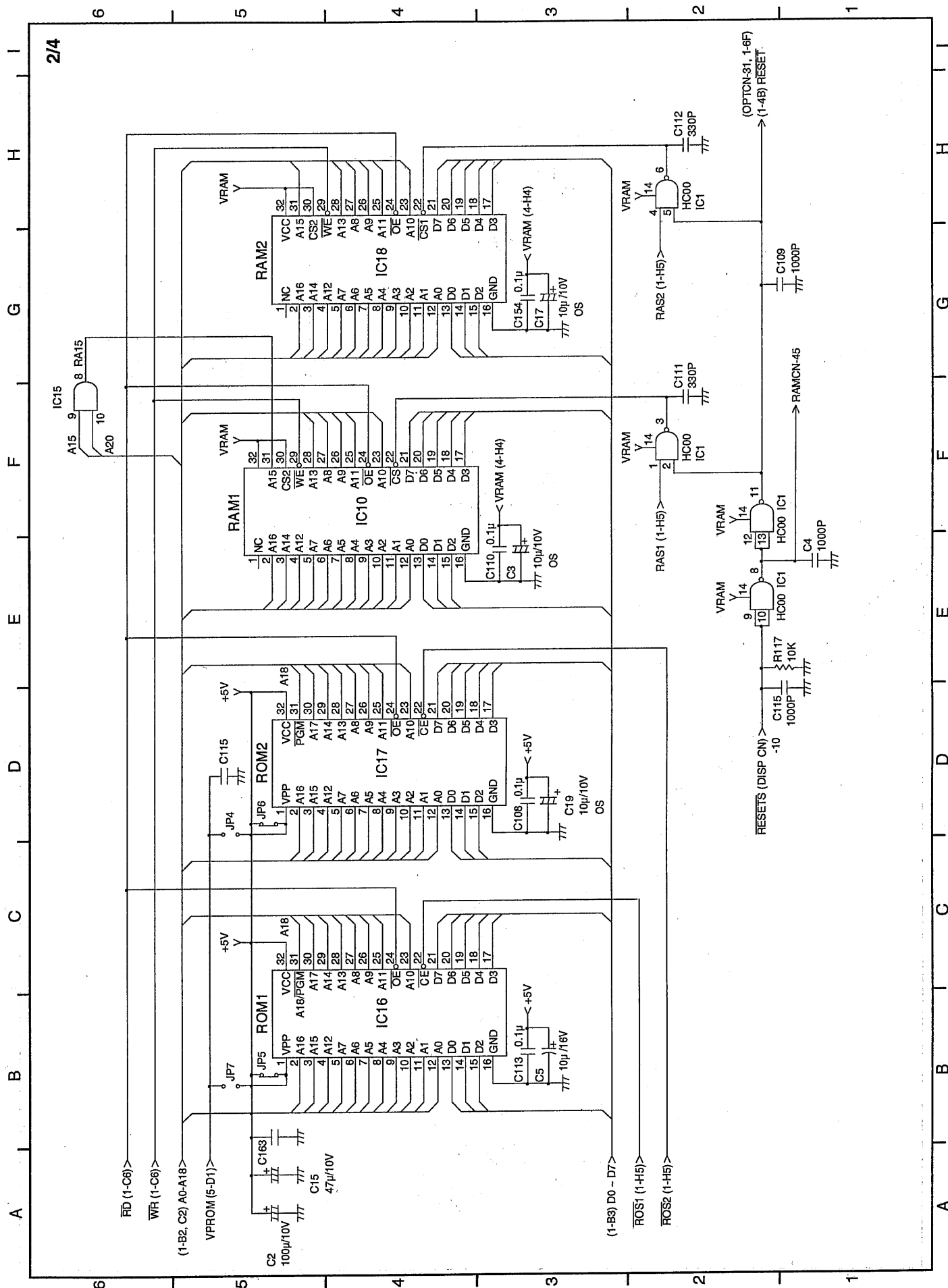
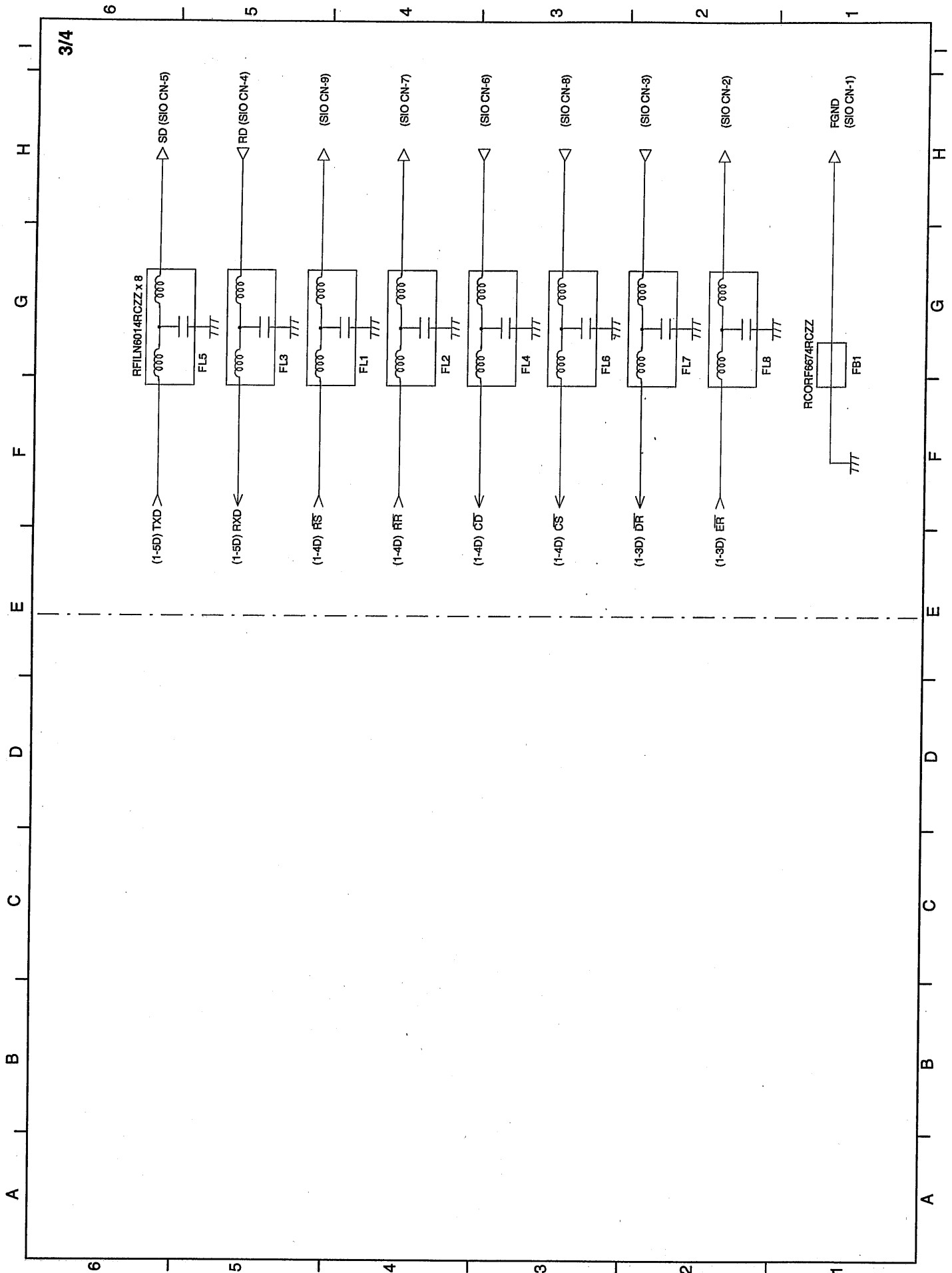
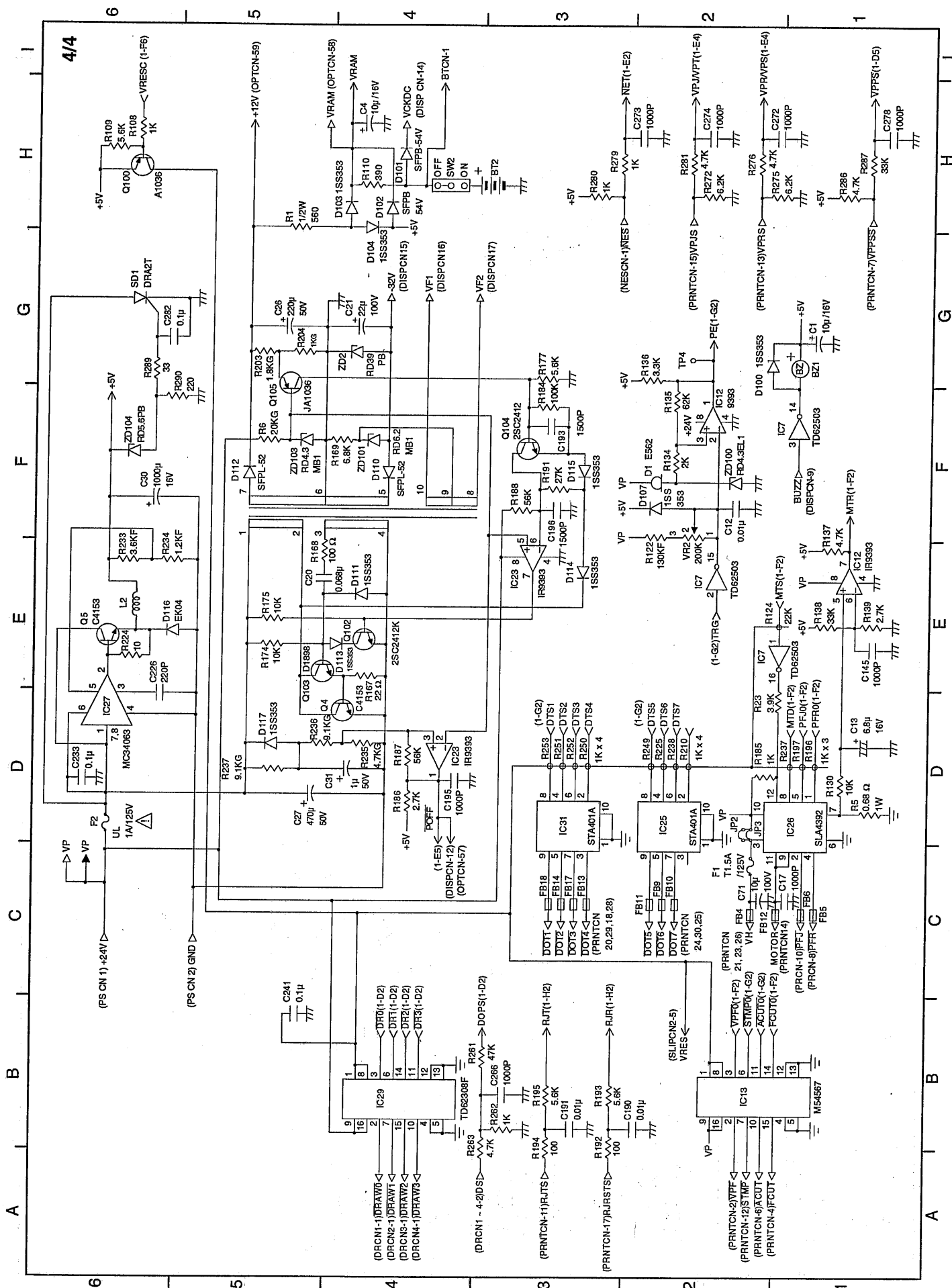


CHAPTER 8. CIRCUIT DIAGRAM & PWB LAYOUT









2. Main PWB connector table

OPT CN

SIGNAL	PIN	PIN	SIGNAL
GND	1	35	GND
GND	2	36	GND
RDO	3	37	RD
WRO	4	38	EXWAIT
+5V	5	39	BREQ
+5V	6	40	BACK
A23	7	41	TRQ2
A22	8	42	TRQ1
A21	9	43	EXINT1
A20	10	44	EXINT0
A19	11	45	TRQ1(RQ1)
A18	12	46	RSRQ(RQ2)
A17	13	47	RFSH
A16	14	48	IPLON
A15	15	49	D7
A14	16	50	D6
A13	17	51	D5
A12	18	52	D4
A11	19	53	D3
A10	20	54	D2
A9	21	55	D1
A8	22	56	D0
A7	23	57	POFF
A6	24	58	VRAM
A5	25	59	+12V
A4	26	60	A3
+24V	27	61	+24V
+24V	28	62	+24V
A1	29	63	A2
A0	30	64	RES
RESET	31	65	AS
OPTCS	32	66	WR
GNDP	33	67	GND
	34	68	GND

PR CN

SIGNAL	PIN	PIN	SIGNAL
+24V	1	2	VDF
NU	3	4	FCUT
NU	5	6	ACUT
VPPSS	7	8	PRR
GND	9	10	PFJ
RJTS	11	12	STMP
VPRS	13	14	MOTOR
VPJS	15	16	NU
RJHSTS	17	18	DOT3
+5V	19	20	DOT1
VH	21	22	NU
VH	23	24	DOT5
DOT7	25	26	VH
NU	27	28	DOT4
DOT2	29	30	DOT6

DISP CN

PIN	SIGNAL
1	GND
2	GND
3	+5V
4	STH
5	HTS
6	SCK
7	KRQ
8	SHEN
9	BUZZ
10	RESETS
11	STOP
12	POFF
13	GND
14	VCKDC
15	-32V
16	VF1
17	VF2
18	GND

NES CN

PIN	SIGNAL
1	NES
2	GND

DR CN1

PIN	SIGNAL
1	DS
2	DRAW0
3	+24V

DR CN2

PIN	SIGNAL
1	DS
2	DRAW1
3	+24V

DR SP3

PIN	SIGNAL
1	DRAW2
2	DS
3	+24V

DR SP4

PIN	SIGNAL
1	DRAW3
2	DS
3	+24V

SIO CN

PIN	SIGNAL
1	GND-S
2	ER
3	DR
4	FXD
5	TXD
6	OD
7	RR
8	CS
9	RS

PS CN

PIN	SIGNAL
1	+24V
2	GND

SLIP CN2

PIN	SIGNAL
1	+24V
2	GNDP
3	+5V
4	GND
5	VPRES

BT CN

PIN	SIGNAL
1	VBT
2	GND

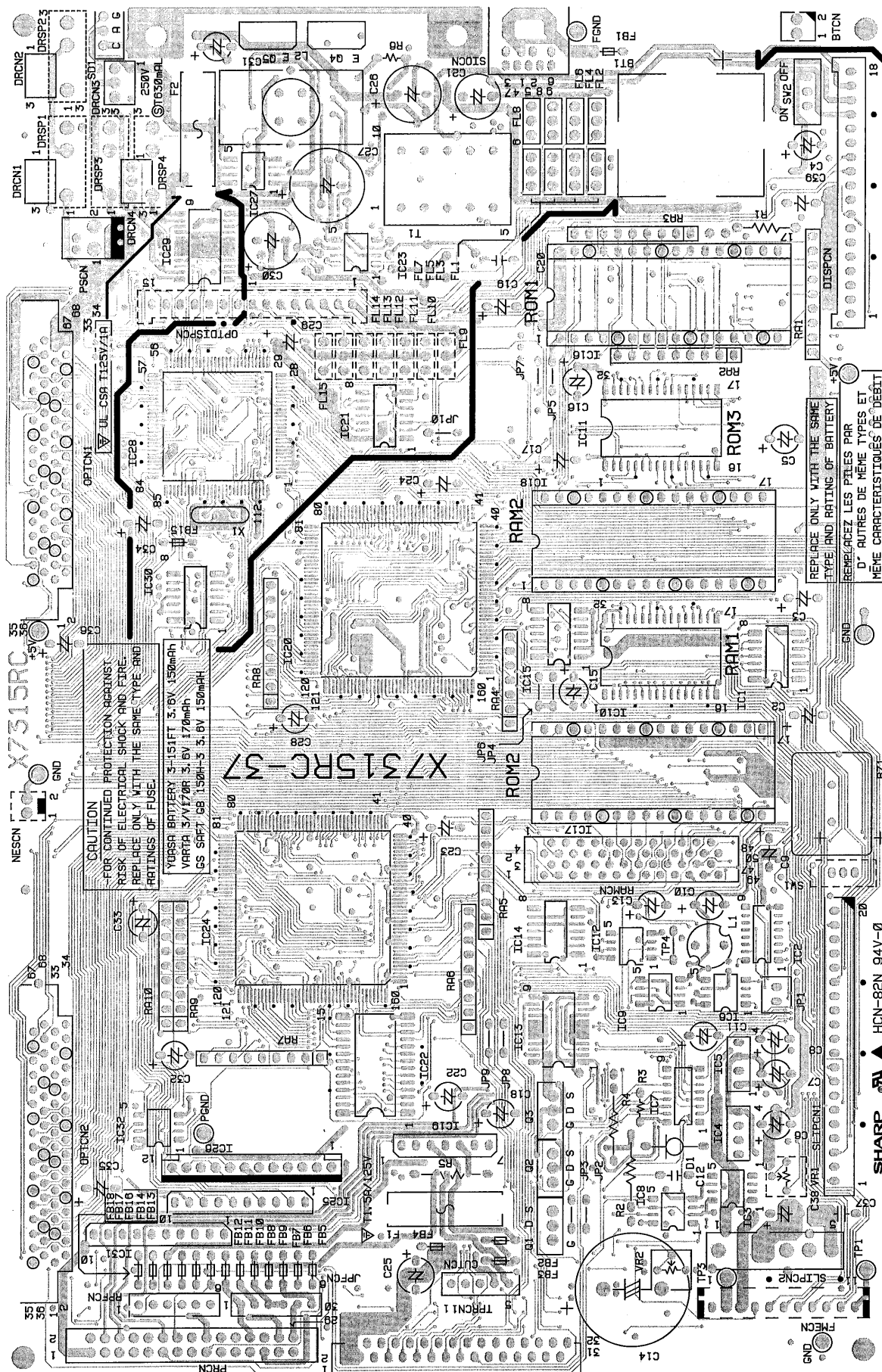
SLIP CN1

PIN	SIGNAL
1	DT7
2	DT6
3	DT5
4	DT4
5	DT3
6	DT2
7	DT1
8	SLFS
9	SLRS
10	IFV
11	TOF
12	BOF
13	RES
14	M240
15	TSL
16	RSL
17	NU
18	MTDS
19	TRG
20	NU

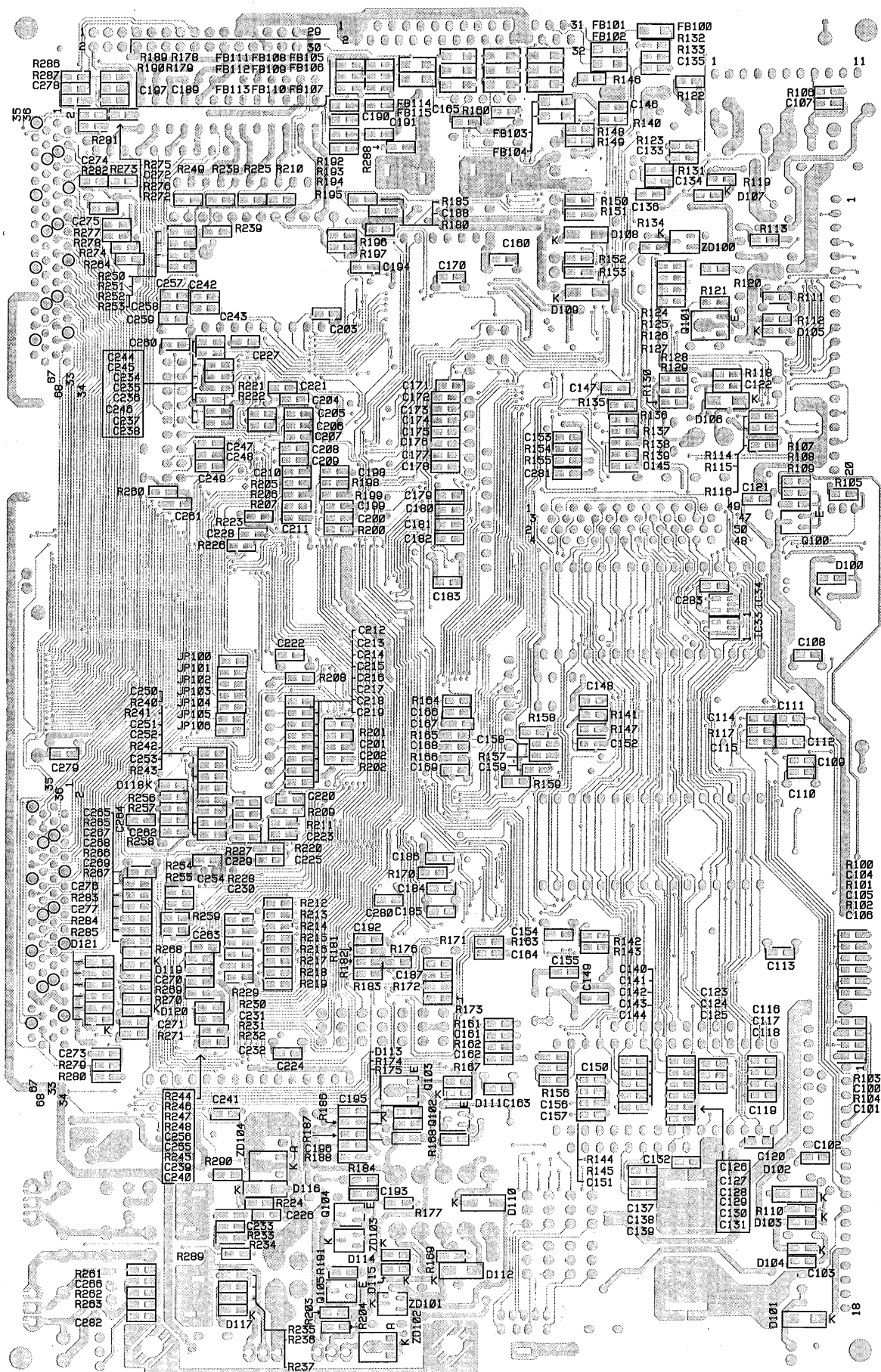
RAM CN

SIGNAL	PIN	PIN	SIGNAL
GND	1	2	GND
GND	3	4	GND
RFSH	5	6	A20
+5V	7	8	+5V
+5V	9	10	+5V
VRAM	11	12	VRAM
VRAM	13	14	VRAM
A16	15	16	A15
A14	17	18	WR
A12	19	20	A13
A7	21	22	A8
A6	23	24	A9
A5	25	26	A11
A4	27	28	RD
A3	29	30	A10
A2	31	32	A17
A1	33	34	RA19
A0	35	36	RA53
RA18	37	38	D7
D0	39	40	D6
D1	41	42	D5
D2	43	44	D4
RESET	45	46	D3
GND	47	48	GND
GND	49	50	GND

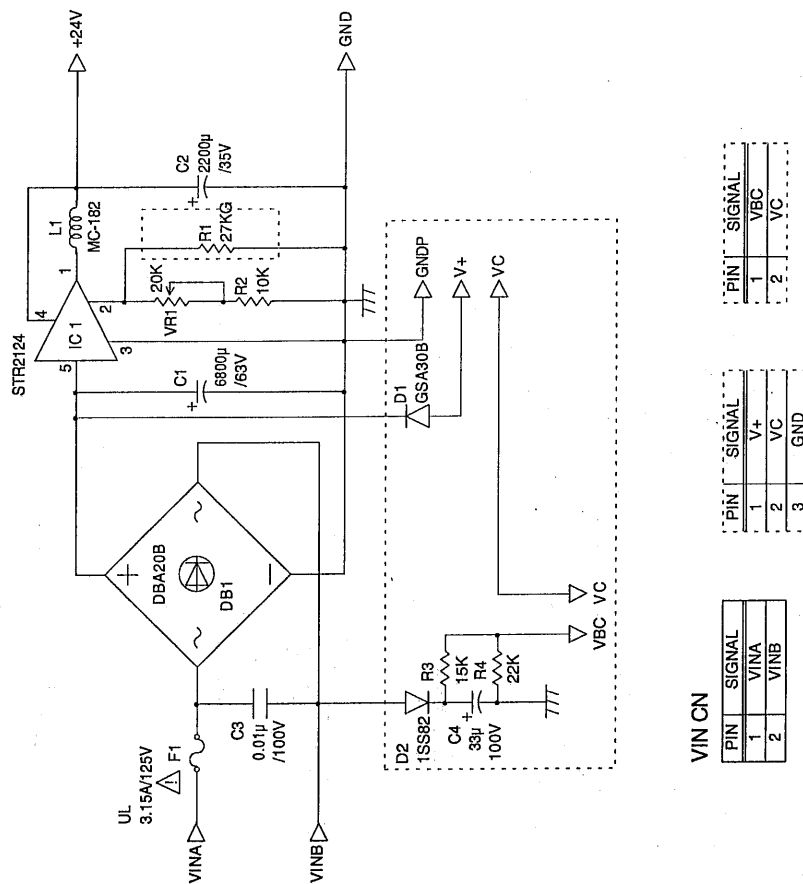
3. Main PWB layout (Parts side)



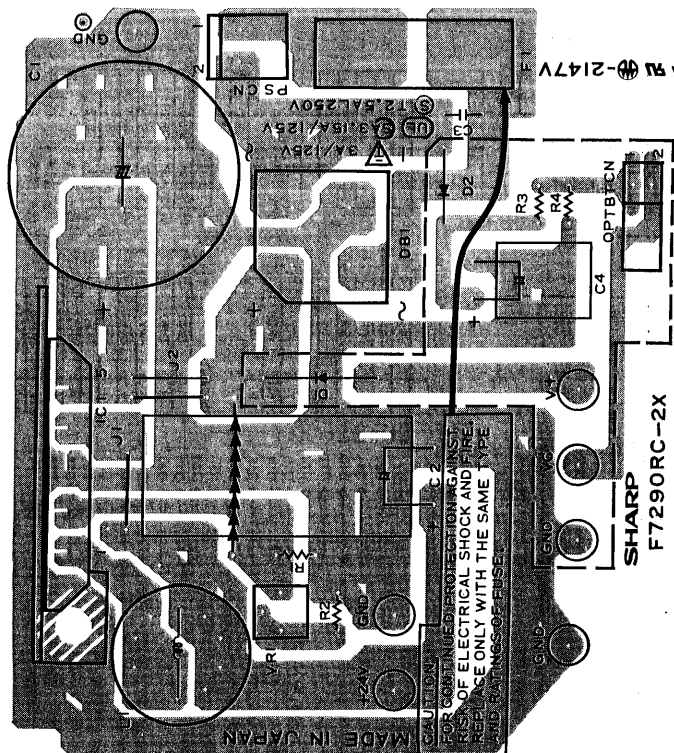
4. Main PWB layout (Solder side)



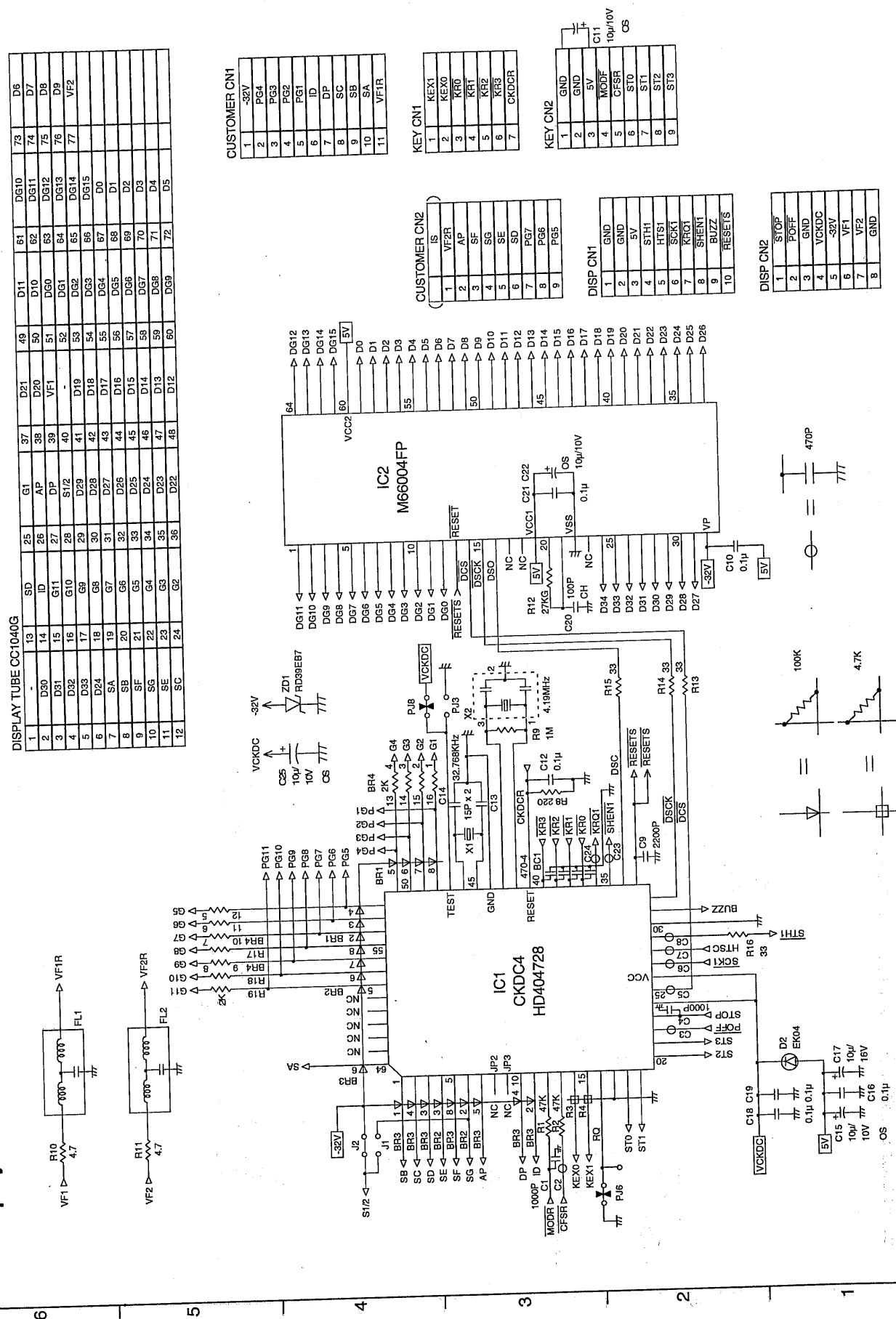
5. Power supply PWB circuit diagram

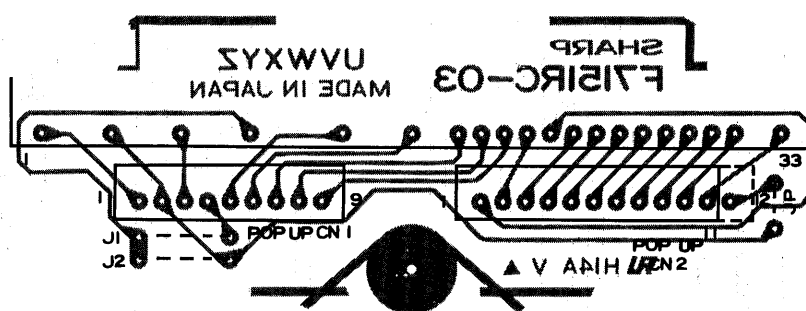


6. Power supply PWB layout

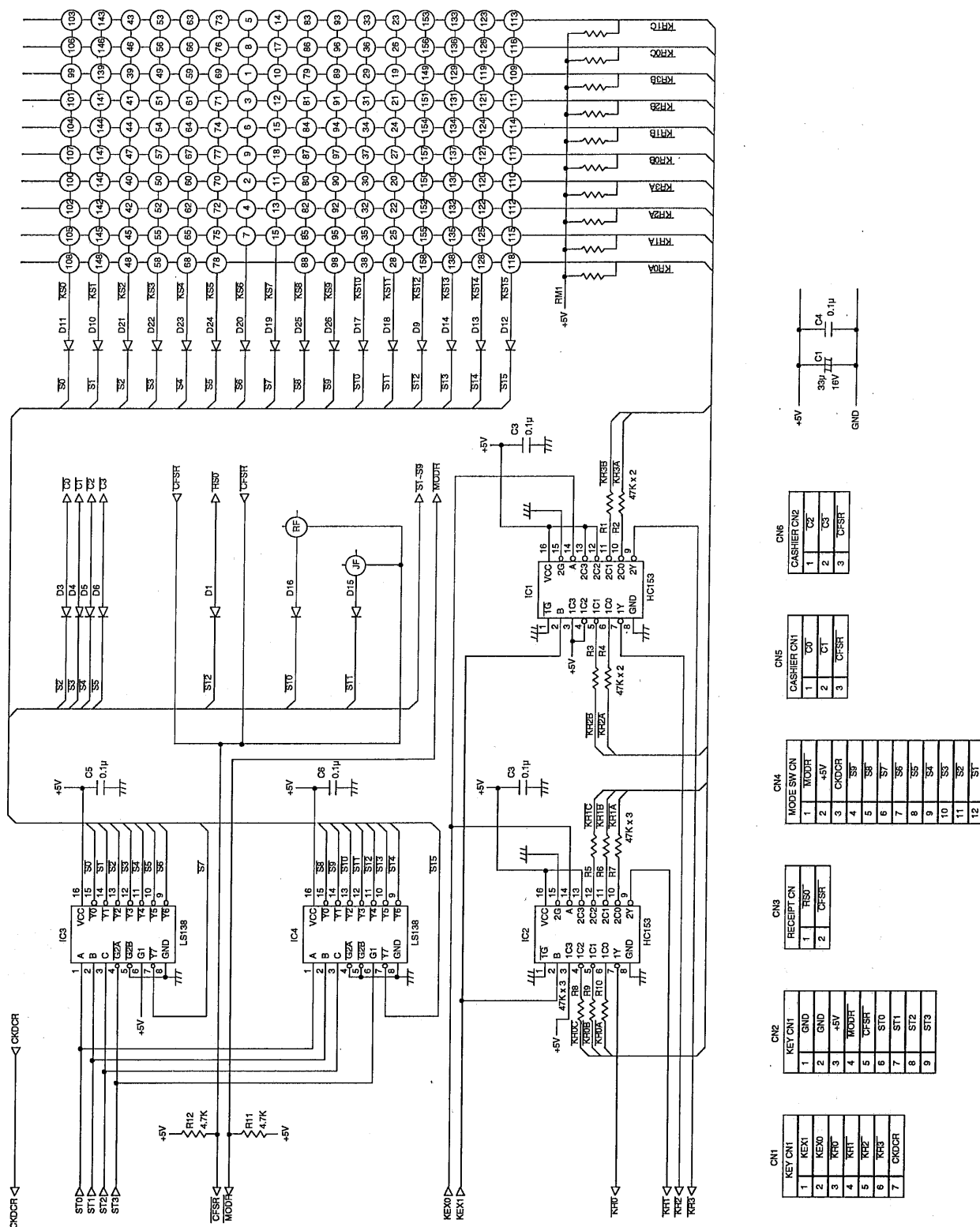


7. Display PWB circuit diagram





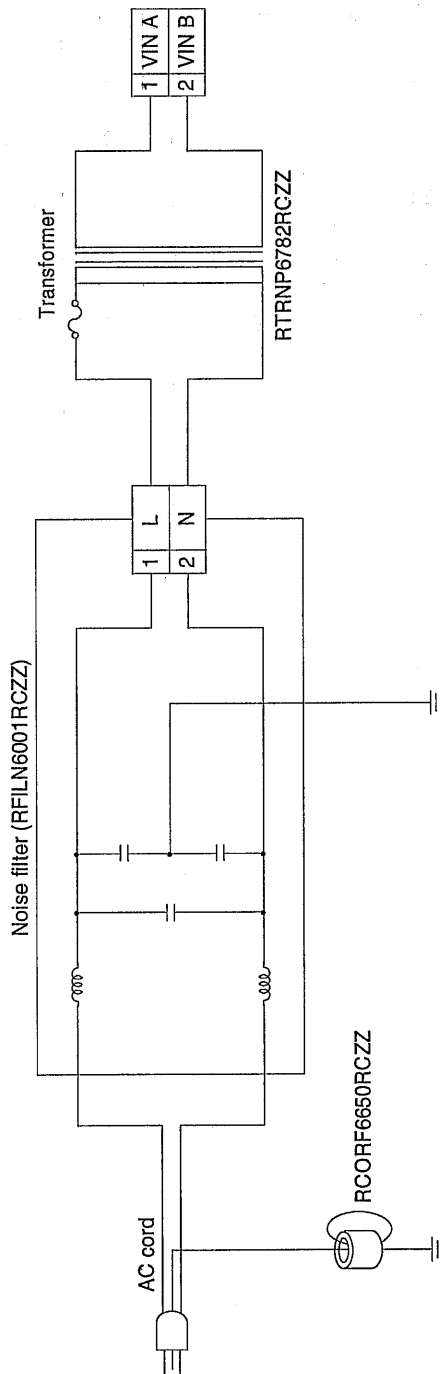
11. Keyboard PWB circuit diagram



12. Keyboard position table

↑ RECEIPT	↑ JOURNAL	28	38	48	58	68	78	88	98	108	118	128	138	148	158
9	18	27	37	47	57	67	77	87	79	107	117	127	137	147	157
8	17	26	36	46	56	66	76	86	96	106	116	126	136	146	156
7	16	25	35	45	55	65	75	85	95	105	115	125	135	145	155
6	15	24	34	44	54	64	74	84	94	104	114	124	134	144	154
5	14	23	33	43	53	63	73	83	93	103	113	123	133	143	153
4	13	22	32	42	52	62	72	82	92	102	112	122	132	142	152
3	12	21	31	41	51	61	71	81	91	101	111	121	131	141	151
2	11	20	30	40	50	60	70	80	90	100	110	120	130	140	150
1	10	19	29	39	49	59	69	79	89	99	109	119	129	139	149

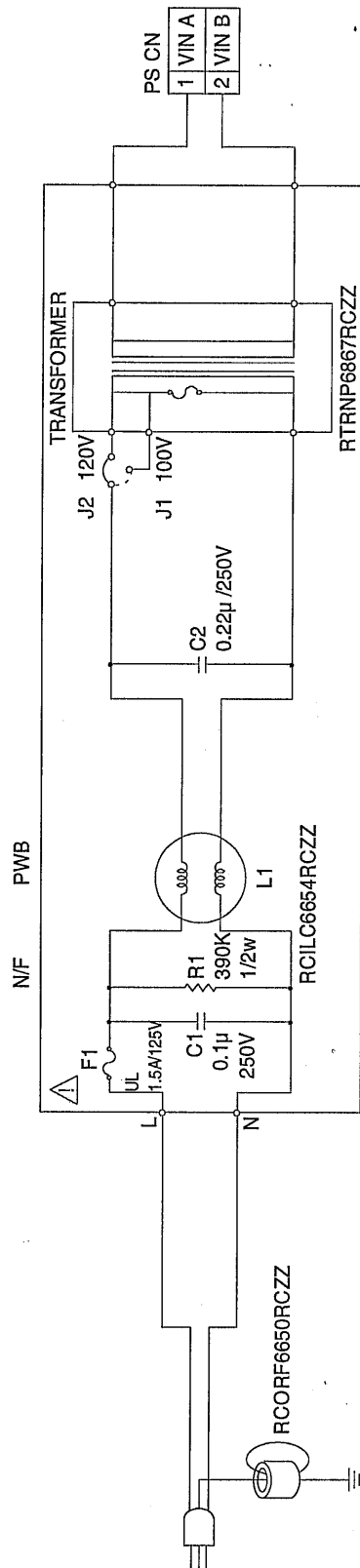
13. Noise filter circuit diagram (For "U" version)



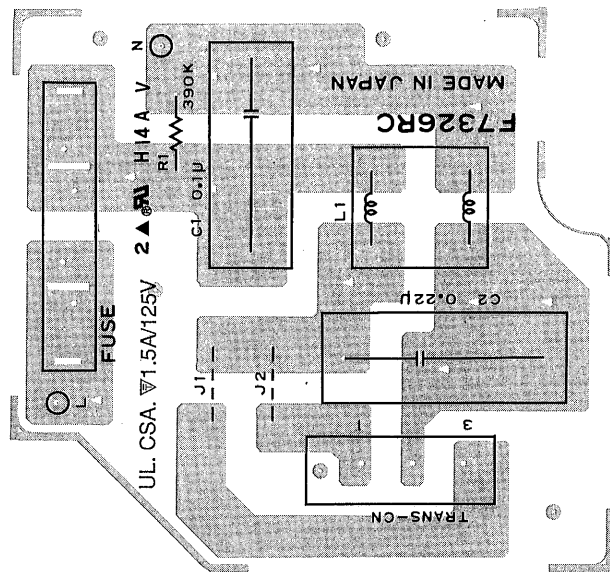
14. Noise filter PWB circuit diagram ⚠ (For "A" version)

NOISE FILTER PWB TYPE (F7326RC)

N/F TRANSFORMER PWB UNIT



15. Noise filter PWB layout (For "A" version)



SHARP PARTS GUIDE

MODEL ER-A650

PRINTER: M-820

(for "U" and "A" version)

CONTENTS

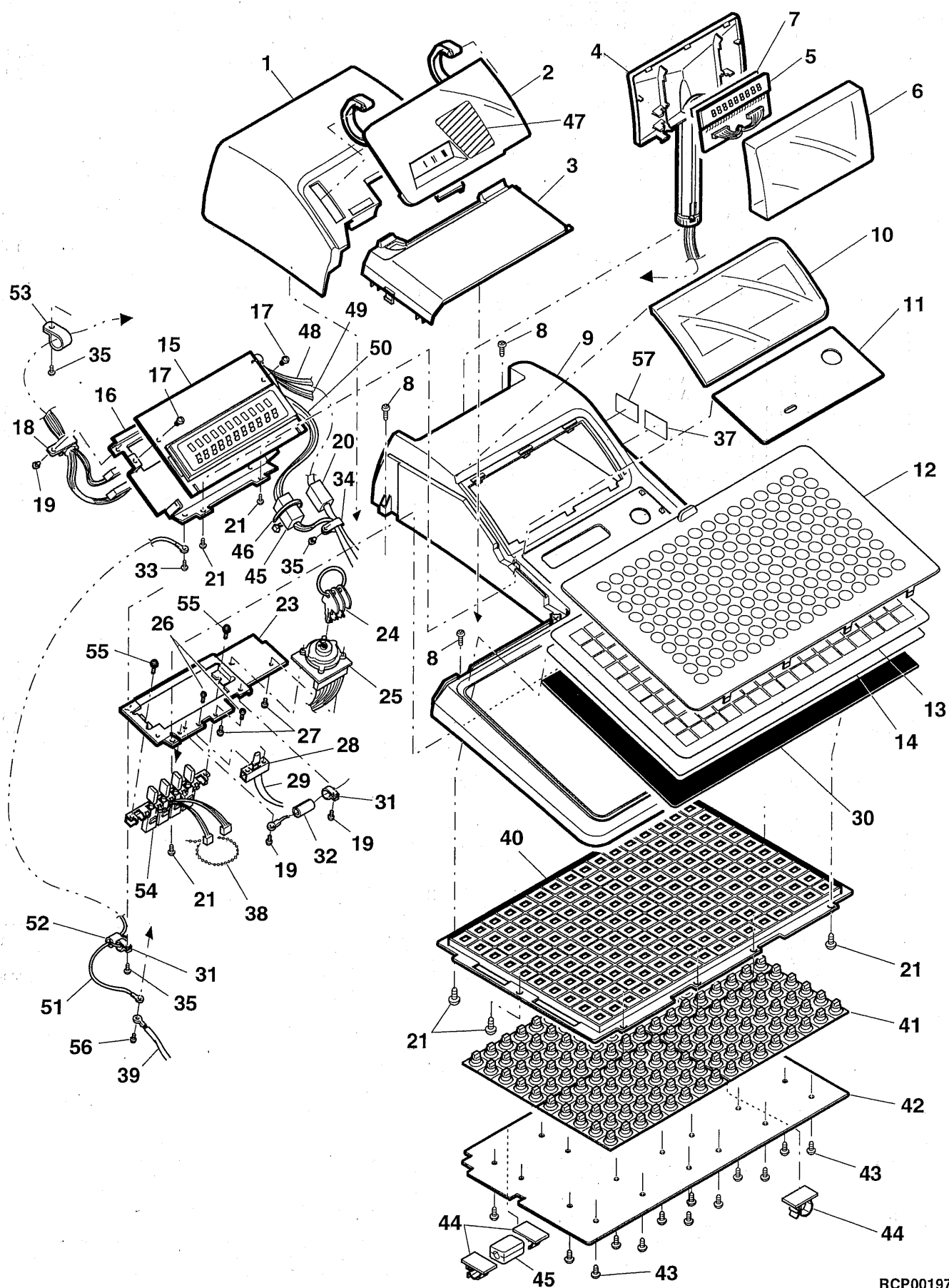
- 1 Top cabinet etc.
- 2 Bottom cabinet etc.
- 3 Packing material & Accessories
- 4 Main PWB unit
- 5 Display PWB unit
- 6 Power supply PWB unit
- 7 Noise filter PWB unit [for Canada]
- 8 Pop-up PWB unit
- 9 Articles for consumption
- 10 Service route options & Service tools
- Index

Because parts marked with "△" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

1 Top cabinet etc.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	CCÖVA7038RC06	AW		D	Printer cover unit (Include No.2,47)
2	PFI LW6925RCZZ	AK		D	Journal filter
3	GCÖVA7039RCSA	AM		D	Ribbon cover
4	GCAB-7143RCZZ	AH		D	Pop-up cabinet
5	CPWBF7136RC01	BD		E	Pop-up PWB unit
6	PFI LW6923RCSE	AN	N	D	Pop-up filter
7	PSPAG6703RCZZ	AB		C	Display spacer
8	XBBSC30P06000	AA		C	Screw (3×6)
9	CCABB7141RC09	BA	N	D	Top cabinet unit (Include No.10,11)
10	PFI LW6924RCSE	AM	N	D	Display filter
11	HPNLC6818RCSH	AK	N	D	Mode switch panel
12	GCÖVB7041RCZZ	AY		D	Flat key cover A
13	PSHEK6805RCZZ	AK	N	C	Key sheet(Standard character)
14	PSHEK6806RCZZ	AD	N	C	Key sheet(Programing character)
15	CPWBF7316RC01	BY		E	Display PWB unit
16	LANGT7505RCZZ	AM		C	Display PWB angle
17	LX-BZ6665RCZZ	AA		C	Screw (3×6)
18	RCÖRF6683RCZZ	AM		C	Core (TECK-251512)
19	XHBSD30P08000	AA		C	Screw (3×8)
20	RCÖRF1016LCZZ	AL		C	Core (SFC-5)
21	XEBSD30P06000	AA		C	Screw (3×6)
23	LANGT7465RCZZ	AK		C	Switch angle
24	LKGIM7110RCZZ	AG		B	Master key (MA)
	LKGIM7111RCZZ	AG		B	Operator key (OP)
	LKGIM7129RCZZ	AE		B	Sub master key (OP key only)
25	LKGIW7256RCZZ	AP		B	Mode key switch (Body)
26	XBPSD26P04K00	AA		C	Screw (M2.6×4)
27	XUPSD23P08000	AA		C	Screw (2.3×8)
28	CSW-S6850RC01	AH		B	Slide switch unit
29	QCNW-7434RCZZ	AC		C	Harness (2pin)
30	GCÖVB7042RCZZ	AW		D	Flat key cover B
31	LHLDW0024SCZZ	AA		C	Wire holder (HP-2N)
32	RCÖRF6654RCZZ	AH		C	Core (5-28-8-F)
33	LX-BZ6774RCZZ	AA		C	Screw (4×6S)
34	LHLDW0004SCZZ	AB		C	Wire clamp (HP-6N)
35	XEBSD30P08000	AA		C	Screw (3×8)
37	TCAUS6668RCZZ	AA		D	Caution label
38	LBNDJ0004UCZZ	AA		C	Band
39	QCNW-7120RCZZ	AE		C	Earth wire (Keyboard+Printer angle)
40	0AL101KFG-001	AV		C	Housing (101KFG-001-90R)
41	0AL421KFG-001	BB		C	Rubber sheet (421KFG-001-90R)
42	0AL9090E1002R	BK		E	Keyboard PWB ass'y
43	0ALZD2006-670	AA		C	Screw (Z-D2006-670)
44	LHLDW5034BCZZ	AB		C	Wire holder (CKN-10)
45	RCÖRF6662RCZZ	AK		C	Ferrite core (SFC-6)
46	LBNDJ2004SCZZ	AA		C	Wire band (PLT-1.5l)
47	PFI LW6926RCZZ	AD		D	Clear filter
48	QCNW-7599RCZZ	AK		C	Key cable 2 (9pin)
49	QCNW-7616RCZZ	AK		C	Key-display cable (7pin)
50	QCNW-7615RCZZ	AT		C	Display cable
51	QCNW-7000RC18	AC		C	Earth wire
52	RCÖRF6684RCZZ	AG		C	Core (TR-16-8-16M)
53	LHLDW0008SCZZ	AA		C	Cable holder (HP-5N)
54	CSW-P6875RC01	AW		B	Stay down switch unit
55	XBPSD30P06K00	AA		C	Screw (3×6K)
56	XBPSD30P06KS0	AA		C	Screw (3×6KS)
57	TLABG2744SCZZ	AA		D	Noise label [Canada]
101	0ALW-P9002-01	AC		B	Connector (W-P9002#01)(2pin)
102	0ALW-P9003-01	AC		C	Connector (W-P9003#01)(3pin)
103	0ALW-P9003-50	AC		C	Connector (3pin)
104	0ALW-P5107-51	AC		C	Connector (7pin)
105	0ALW-P5109-51	AC		C	Connector (9pin)
106	0ALZZ05200138	AQ		B	IC (LS138)(Z-0520-00138) [IC3,4]
107	0ALZY03600874	AH		B	IC (HC153) [IC1,2]
108	RMPTC0473QCKB	AD		B	Block resistor
109	0ALZW8AA473DJ	AA		C	Resistor (47KΩ)(Z-08AA-473DJ#01)
110	0ALZV12CK104E	AD		C	Capacitor (0.1μF)(Z-V12CK104EMSR#1) [C3,4,5,6]
111	VHDDSS133//1	AA		B	Diode (DSS133)
112	VRD-HT2EY472J	AA		C	Resistor (1/4W 4.7KΩ ±5%) [R11,12]
113	VCEAGU1CW336M	AA		C	Capacitor (16WV 33μF) [C1]
501	DUNTK9161RCZZ	BL		E	Keyboard unit(flat type) (Include No.40~43,101~113)

1 Top cabinet etc.

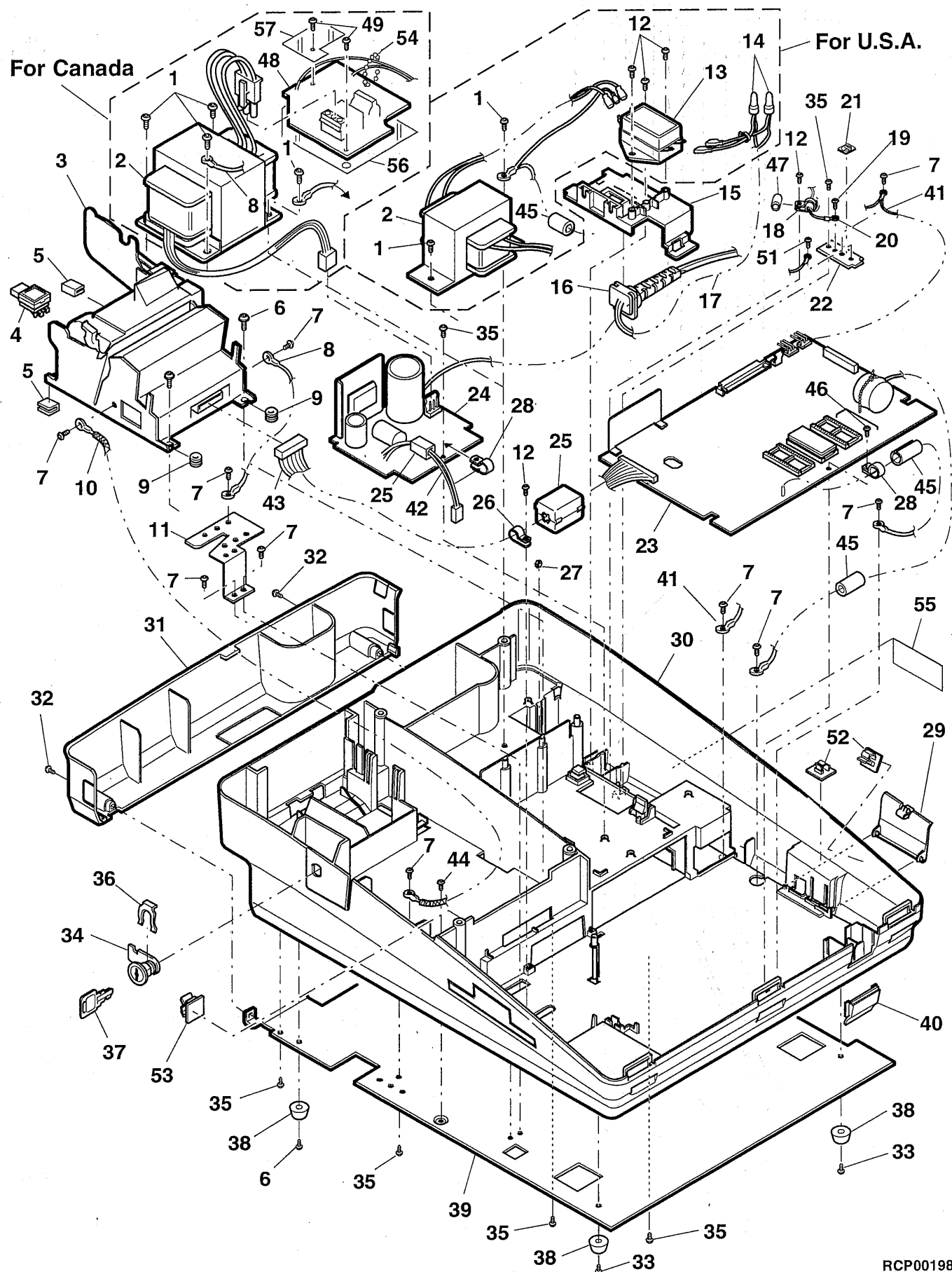


RCP00197

2 Bottom cabinet etc.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XUBSD40P08000	AA		C	Screw (4×8) [U.S.A.]
2	RTRNP6782RCZZ	AZ		B	Power transformer [Canada]
3	RTRNP6867RCZZ	BC	N	B	Power transformer
4	Ki-0B6754RCZZ	CB		E	Printer (M-820)
5	PSTM-6780RCZZ	AR		C	Stamp
6	PGUMM6699RCZZ	AB		C	Printer cushion
7	XCPSD30P12X00	AA		C	Screw (3×12X)
8	LX-BZ6774RCZZ	AA		C	Screw (4×6S)
9	QCNW-7125RCZZ	AD		C	GND wire 3
10	PCUSG1220CCZZ	AB		C	Printer cushion
11	QCNW-7122RCZZ	AD		C	Earth wire
12	LANGQ7476RCZA	AF		C	Printer earth angle
13	XEBSD30P08000	AA		C	Screw (3×8) [U.S.A.]
14	RFiLN6001RCZZ	AT		B	Noise filter [U.S.A.]
15	QTANP6635RCZZ	AA		C	Terminal
16	LHLDK6813RCSA	AE		C	PS holder
17	QACCD8411QCZZ	AN		B	AC cord (6A Bush 2.5M) [U.S.A.]
18	QCNW-7117RCZZ	AE		C	AC cable
19	LHLDW0007SCZZ	AA		C	Wire holder (HP-7N)
20	XBPBZ40P06K00	AA		C	Screw (4×6K)
21	QTANP0004HCZZ	AB		C	Lug terminal (4φ)
22	TLAB-4681CCZZ	AA		D	Earth mark label
23	LANGQ7472RCZZ	AE		C	Main earth angle [U.S.A.]
24	CPWBX7315RC03	CM	N	E	Main PWB unit [Canada]
25	CPWBX7315RC04	CM	N	E	Main PWB unit
26	CPWBF7289RC08	BL	N	E	Power supply PWB unit
27	RCORF6666RCZZ	AM		C	Core (SFC-8)
28	LHLDW0008SCZZ	AA		C	Cable holder (HP-5N)
29	XNESD30-24000	AA		C	Nut (3NS)
30	LHLDW0024SCZZ	AA		C	Wire holder (HP-2N)
31	GFTAS6769RCSA	AC		D	SIO connector lid
32	GCABA7142RCAA	BD		D	Bottom cabinet
33	GCOVA7040RCSA	AQ		D	Rear cover
34	XBBSC30P20000	AA		C	Screw (3×20)
35	LX-BZ6754RCZZ	AA		C	Screw (M3×8)
36	LKGIW2363RCZZ	AL		B	Lock key (body)
37	XEBSD30P06000	AA		C	Screw (3×6)
38	MSPRK6660RCZZ	AC		C	Lock spring
39	LKGIW6784RCZZ	AD		B	Printer cover key (1PC)
40	GLEGG6653RCZZ	AD		C	Rubber foot
41	LCHSM6692RCZZ	AV		C	Main chassis
42	GFTAF6770RCSA	AC		D	Clerk key lid [U.S.A.]
43	QCNW-7574RCZZ	AE		C	Earth wire G/Y [Canada]
44	QCNW-7592RCZZ	AD		C	Earth wire
45	QCNW-7575RCZZ	AE		C	PS cable (2pin)
46	QCNW-7518RCZZ	AR		C	Printer cable
47	XBPSD30P06KS0	AA		C	Screw (3×6KS)
48	RCORF6661RCZZ	AK		C	Core (SFC-4)
49	XUBSD30P10000	AC		C	Screw (3×10)
50	RCORF6650RCZZ	AE		C	Core (TR-125-8-12) [Canada]
51	CPWBF7326RC03	BB	N	E	Noise filter PWB unit [Canada]
52	XUBSD30P06000	AA		C	Screw (3×6)
53	LX-BZ6665RCZZ	AA		C	Screw (3×6)
54	LHLDW2341RCZZ	AB		C	Cable clamp (CKN-05)
55	LHLDW5034BCZZ	AB		C	Wire holder (CKN-10) [Canada]
56	LBNDJ0004UCZZ	AA		C	Band [U.S.A.]
57	TLABG6934RCZZ	AA		D	Battery label
58	GC0VH7071RCZZ	AC	N	D	N/F protect cover [Canada]
59	PSHEP6807RCZZ	AD		C	N/F protect sheet

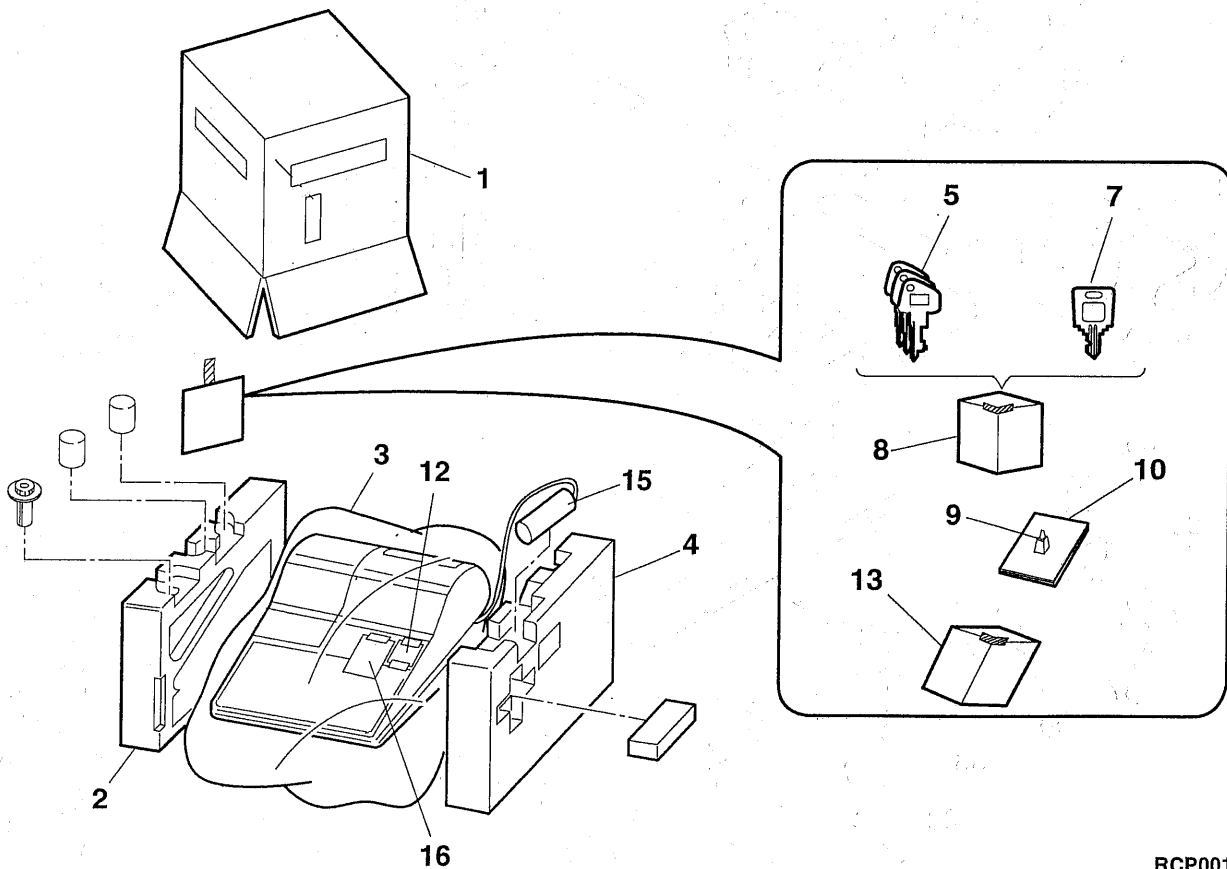
2 Bottom cabinet etc.



RCP00198

3 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	SPA KC8218RCSC	AU	N	D	Packing case [U.S.A.]
	SPA KC8218RCSE	AU	N	D	Packing case [Canada]
2	SPA KA8216RCZA	AQ		D	Packing cushion(right)
3	SSAKA2012KCZZ	AF		D	Vinyl bag (600×540×510)
4	SPA KA8217RCZA	AQ		D	Packing cushion(left)
5	LKG iM7110RCZZ	AG		B	Master key (MA)
	LKG iM7111RCZZ	AG		B	Operator key (OP)
	LKG iM7129RCZZ	AE		B	Sub master key (OP key only)
7	LKG iM6784RCZZ	AD		B	Printer cover key (IPC)
8	SSAKH3012CCZZ	AA		D	Vinyl bag (80×120mm)
9	U iNK-1001CCZZ	AK		S	Ink (5cc)
10	T iNSE7279RCZZ	AX	N	D	Instruction book [U.S.A.]
	T iNSK7286RCZZ	BQ	N	D	Instruction book [Canada]
12	PHOG-6628RCZZ	AE		C	Protector panel
13	SSAKH3015CCZZ	AA		D	Vinyl bag (200×300mm)
15	SSAKH4231CCZZ	AA		D	Vinyl bag (140×500mm)
16	TCADH6653RCZZ	AB		D	Caution card [U.S.A.]
	TCADH6654RCZZ	AB		D	Caution card [Canada]
101	UBNDA1008CCZZ	AA		C	AC cord band (120mm)



RCP00199

4 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	U.S.A	Canada
1	UBATN2183CCZZ	AV		B	Battery (151FT 3CELL)	[BT2]	○
2	QCNCM7085RC0B	AB		C	Connector (2pin)	[BTCN]	○
3	RALMB6640RCZZ	AF		B	Buzzer (SMX06)	[BZ1]	○
4	RC-EZ107BRC1A	AH		C	Capacitor (10WV 100μF)	[C2]	○
5	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C3]	○
6	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C4]	○
7	VCEAGA1CW106M	AA		C	Capacitor (16WV 10μF)	[C5]	○
8	VCQYNA1HM103K	AA		C	Capacitor (50WV 0.010μF)	[C12]	○
9	RC-EZ685ARC1C	AD		C	Capacitor (16WV 6.8μF)	[C13]	○
10	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C15]	○
11	VCEAGA1CW106M	AA		C	Capacitor (16WV 10μF)	[C16]	○
12	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C17]	○
13	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C19]	○
14	VCQYNU1HM683K	AB		C	Capacitor (50WV 0.068μF)	[C20]	○
15	VCEAGU2AW226M	AB		C	Capacitor (100WV 22μF)	[C21]	○
16	RC-EZ476ARC1A	AF		C	Capacitor (10WV 47μF)	[C24]	○
17	VCEAGU2AW106M	AB		C	Capacitor (100WV 10μF)	[C25]	○
18	VCEAGU1HW227M	AC		C	Capacitor (50WV 220μF)	[C26]	○
19	VCEAGU1HW477M	AD		C	Capacitor (50WV 470μF)	[C27]	○
20	VCEAGA1CW106M	AA		C	Capacitor (16WV 10μF)	[C28]	○
21	RC-EZ476ARC1A	AF		C	Capacitor (10WV 47μF)	[C29]	○
22	VCEAGU1CW108M	AD		C	Capacitor (16WV 1000μF)	[C30]	○
23	VCEAGA1HW105M	AB		C	Capacitor (50WV 1μF)	[C31]	○
24	VCEAGA1CW106M	AA		C	Capacitor (16WV 10μF)	[C32]	○
25	VCEAGA1CW106M	AA		C	Capacitor (16WV 10μF)	[C33]	○
26	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C34]	○
27	RC-EZ476ARC1A	AF		C	Capacitor (10WV 47μF)	[C35]	○
28	RC-EZ476ARC1A	AF		C	Capacitor (10WV 47μF)	[C36]	○
29	VCTYPU1EX104M	AB		C	Capacitor (25WV 0.1μF)	[C37]	○
30	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C38]	○
31	RC-EZ476ARC1A	AF		C	Capacitor (10WV 47μF)	[C39]	○
32	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C100]	○
33	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C101]	○
34	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C102]	○
35	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C103]	○
36	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C104]	○
37	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C105]	○
38	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C106]	○
39	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C108]	○
40	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C109]	○
41	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C110]	○
42	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C111]	○
43	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C112]	○
44	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C113]	○
45	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C114]	○
46	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C115]	○
47	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C116]	○
48	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C117]	○
49	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C118]	○
50	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C119]	○
51	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C120]	○
52	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C123]	○
53	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C124]	○
54	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C125]	○
55	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C126]	○
56	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C127]	○
57	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C128]	○
58	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C129]	○
59	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C130]	○
60	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C131]	○
61	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C132]	○
62	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C136]	○
63	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C137]	○
64	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C138]	○
65	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C139]	○
66	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C140]	○
67	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C141]	○
68	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C142]	○
69	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C143]	○
70	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C144]	○
71	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C145]	○
72	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C147]	○
73	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C148]	○
74	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C150]	○
75	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C151]	○
76	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C152]	○
77	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C154]	○
78	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C156]	○
79	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C157]	○
80	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C158]	○

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	U.S.A	Canada
81	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C161]	○
82	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C162]	○
83	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C163]	○
84	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C164]	○
85	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C166]	○
86	VCKYTV1HB103K	AB		C	Capacitor (50WV 0.010μF)	[C167]	○
87	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C168]	○
88	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C169]	○
89	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C183]	○
90	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C184]	○
91	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C185]	○
92	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C186]	○
93	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C187]	○
94	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C188]	○
95	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C190]	○
96	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C191]	○
97	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C192]	○
98	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C193]	○
99	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C195]	○
100	VCKYTV1HB152K	AA		C	Capacitor (50WV 1500PF)	[C196]	○
101	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C198]	○
102	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C199]	○
103	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C200]	○
104	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C201]	○
105	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C202]	○
106	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C208]	○
107	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C210]	○
108	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C211]	○
109	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C212]	○
110	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C213]	○
111	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C214]	○
112	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C215]	○
113	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C216]	○
114	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C217]	○
115	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C218]	○
116	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C219]	○
117	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C220]	○
118	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C222]	○
119	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C223]	○
120	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C224]	○
121	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C225]	○
122	VCCCTV1HH221J	AA		C	Capacitor (50WV 220PF)	[C226]	○
123	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C228]	○
124	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C229]	○
125	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C230]	○
126	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C231]	○
127	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C232]	○
128	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C233]	○
129	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C238]	○
130	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C239]	○
131	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C240]	○
132	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C241]	○
133	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C250]	○
134	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C251]	○
135	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C252]	○
136	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C253]	○
137	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C254]	○
138	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C255]	○
139	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C256]	○
140	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C259]	○
141	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C261]	○
142	VCKYTV1HB103K	AB		C	Capacitor (50WV 0.010μF)	[C262]	○
143	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF)	[C263]	○
144	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C264]	○
145	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C265]	○
146	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C266]	○
147	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C267]	○
148	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C268]	○
149	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C269]	○
150	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C270]	○
151	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF)	[C271]	○
152	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C272]	○
153	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C273]	○
154	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C274]	○
155	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C276]	○
156	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF)	[C277]	○
157	VCKYTV1HB102K	AA		C	Capacitor (50WV 330PF)	[C278]	○
158	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C280]	○
159	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF)	[C281]	○
160	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10μF)	[C282]	○

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	U.S.A	Canada
161	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10 μ F)	[C283]	○
162	VHECRDE562/-1	AE		B	Zener diode (CRDE562)	[D1]	○
163	VHD1SS353/-1	AB		B	Diode (1SS353)	[D100]	○
164	VHDSFPB54/-1	AC		B	Diode (SFPB54)	[D101]	○
165	VHDSFPB54/-1	AC		B	Diode (SFPB54)	[D102]	○
166	VHD1SS353/-1	AB		B	Diode (1SS353)	[D103]	○
167	VHD1SS353/-1	AB		B	Diode (1SS353)	[D104]	○
168	VHD1SS353/-1	AB		B	Diode (1SS353)	[D107]	○
169	VHDSFPL52V/-1	AC		B	Diode (SFPL52V)	[D110]	○
170	VHD1SS353/-1	AB		B	Diode (1SS353)	[D111]	○
171	VHDSFPL52V/-1	AC		B	Diode (SFPL52V)	[D112]	○
172	VHD1SS353/-1	AB		B	Diode (1SS353)	[D113]	○
173	VHD1SS353/-1	AB		B	Diode (1SS353)	[D114]	○
174	VHD1SS353/-1	AB		B	Diode (1SS353)	[D115]	○
175	VHDSFPB54/-1	AC		B	Diode (SFPB54)	[D116]	○
176	VHD1SS353/-1	AB		B	Diode (1SS353)	[D117]	○
177	VHD1SS353/-1	AB		B	Diode (1SS353)	[D118]	○
178	VHD1SS353/-1	AB		B	Diode (1SS353)	[D119]	○
179	VHD1SS353/-1	AB		B	Diode (1SS353)	[D120]	○
180	VHD1SS353/-1	AB		B	Diode (1SS353)	[D121]	○
181	QCNCM6926RC1H	AE		C	Connector (18pin)	[DISPCN]	○
182	QCNCM5278NCZZ	AC		C	Connector	[DRCN1]	○
183	QCNCM5278NCZZ	AC		C	Connector	[DRCN2]	○
184	QCNCM6699RCZZ	AC		B	Connector (3pin)	[DRSP3]	○
185	QCNCM6699RCZZ	AC		B	Connector (3pin)	[DRSP4]	○
186	QFS-A1037CCZZ	AC		A	Fuse (1.5A)(MINI TYPE)	[F1]	○
187	QFSHA1002CCZZ	AB		C	Fuse holder (MINI TYPE)	[F1]	○
188	QFS-B0300QCZZ	AE		A	Fuse (1A 125V)	[F2]	○
189	QFSHA1002CCZZ	AB		C	Fuse holder (MINI TYPE)	[F2]	○
190	RCORF6674RCZZ	AB		C	Beads core (SA39)	[FB1]	○
191	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB4]	○
192	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB5]	○
193	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB6]	○
194	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB9]	○
195	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB10]	○
196	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB11]	○
197	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB12]	○
198	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB13]	○
199	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB14]	○
200	RCORF6673RCZZ	AB		C	Core (DR35C)	[FB15]	○
201	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB17]	○
202	RCILZ1003LCZZ	AB		C	Coil (FLDR25C)	[FB18]	○
203	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL1]	○
204	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL2]	○
205	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL3]	○
206	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL4]	○
207	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL5]	○
208	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL6]	○
209	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL7]	○
210	RFILN6014RCZZ	AC		C	Filter (DNF331)	[FL8]	○
211	VHISN74HC00NS	AC		B	IC (SN74HC00NS)	[IC1]	○
212	VHITD62503F-1	AF		B	IC (TD62503F)	[IC7]	○
213	VHIMH128F12SL	BN		B	IC (HM128F12SL)	[IC10]	○
214	VHIR9393N/-1	AD		B	IC (IR9393N)	[IC12]	○
215	VHITD62308F-1	AH		B	IC (TD62308F)	[IC13]	○
216	VHISN74HC08NS	AD		B	IC (SN74HC08NS)	[IC15]	○
217	QSOCZ2042SC32	AE		C	IC socket (32pin)	[IC16]	○
218	VH27040RAC1A	BK	N	B	IC (27040RAC1A)	[IC16]	○
219	QSOCZ2042SC32	AE		C	IC socket (32pin)	[IC17]	○
220	QSOCZ2042SC32	AE		C	IC socket (32pin)	[IC18]	○
221	VHIF258016PC/-1	AZ		B	IC (F258016PC)	[IC20]	○
222	VHIR9393N/-1	AD		B	IC (IR9393N)	[IC23]	○
223	VHISTA401A/-1	AP		B	IC (STA401A)	[IC25]	○
224	VHISMA4392/-1	AN		B	IC (SMA4392)	[IC26]	○
225	VHIMC34063AM1	AG		B	IC (MC34063AM1)	[IC27]	○
226	VH1H641510810	BA		B	IC (H641510810)	[IC28]	○
227	VHITD62308F-1	AH		B	IC (TD62308F)	[IC29]	○
228	VHISN74HC14NS	AE		B	IC (SN74HC14NS)	[IC30]	○
229	VHISTA401A/-1	AP		B	IC (STA401A)	[IC31]	○
230	VHITC7S86F/-1	AD		B	IC (TC7S86F)	[IC33]	○
231	VHITC7S86F/-1	AD		B	IC (TC7S86F)	[IC34]	○
232	VRD-RC2EY000J	AA		C	Resistor (1/4W 0 Ω $\pm$ 5%)	[JP2]	○
233	VRD-RC2EY000J	AA		C	Resistor (1/4W 0 Ω $\pm$ 5%)	[JP3]	○
234	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP100]	○
235	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP101]	○
236	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP102]	○
237	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP103]	○
238	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP104]	○
239	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP105]	○
240	VRS-TS2AD2R2J	AA		C	Resistor (1/10W 2.2 Ω $\pm$ 5%)	[JP106]	○

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NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	U.S.A	Canada
241	RC i LC 6 6 3 3 RCT Z	AH		C	Coil (CR-20) [L2]	○	○
242	QCNCM7071RC6H	AN		C	Connector (68pin) [OPTCN1]	○	○
243	QCNCM7071RC6H	AN		C	Connector (68pin) [OPTCN2]	○	○
244	QCNCW-7518RCZZ	AR		C	Printer cable [PRCN]	○	○
245	QCNCM1101CCZZ	AB		C	Connector (2pin) [PSCN]	○	○
246	VS2SC4153-/-1	AG		B	Transistor (2SC4153) [Q4]	○	○
247	VS2SC4153-/-1	AG		B	Transistor (2SC4153) [Q5]	○	○
248	VS2SA1036KQRC	AB		B	Transistor (2SA1036KQRC) [Q100]	○	○
249	VS2SC2412K/-1	AB		B	Transistor (2SC2412K) [Q102]	○	○
250	VS2SD1898-/-1	AD		B	Transistor (2SD1898) [Q103]	○	○
251	VS2SC2412K/-1	AB		B	Transistor (2SC2412K) [Q104]	○	○
252	VS2SA1036KQRC	AB		B	Transistor (2SA1036KQRC) [Q105]	○	○
253	VRD-RB2HY561J	AA		C	Resistor (1/2W 560Ω ±5%) [R1]	○	○
254	VRD-RC2EY392J	AA		C	Resistor (1/4W 3.9KΩ ±5%) [R3]	○	○
255	VRS-RE3AAR68J	AA		C	Resistor (1W 0.68Ω ±5%) [R5]	○	○
256	VRD-RC2EY392G	AA		C	Resistor (1/4W 3.9KΩ ±2%) [R6]	○	○
257	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R100]	○	○
258	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R101]	○	○
259	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R102]	○	○
260	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%) [R103]	○	○
261	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%) [R104]	○	○
262	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R106]	○	○
263	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%) [R108]	○	○
264	VRS-TS2AD562J	AA		C	Resistor (1/10W 5.6KΩ ±5%) [R109]	○	○
265	VRS-TS2AD391J	AA		C	Resistor (1/10W 390Ω ±5%) [R110]	○	○
266	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R117]	○	○
267	VRS-TS2AD134F	AA		C	Resistor (1/10W 130KΩ ±1%) [R122]	○	○
268	VRS-TS2AD223J	AA		C	Resistor (1/10W 22KΩ ±5%) [R124]	○	○
269	VRS-TS2AD202J	AA		C	Resistor (1/10W 2KΩ ±5%) [R134]	○	○
270	VRS-TS2AD623J	AA		C	Resistor (1/10W 62KΩ ±5%) [R135]	○	○
271	VRS-TS2AD332J	AA		C	Resistor (1/10W 3.3KΩ ±5%) [R136]	○	○
272	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%) [R137]	○	○
273	VRS-TS2AD333J	AA		C	Resistor (1/10W 33KΩ ±5%) [R138]	○	○
274	VRS-TS2AD272J	AA		C	Resistor (1/10W 2.7KΩ ±5%) [R139]	○	○
275	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R141]	○	○
276	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R144]	○	○
277	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R145]	○	○
278	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R156]	○	○
279	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R157]	○	○
280	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R158]	○	○
281	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R159]	○	○
282	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R161]	○	○
283	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R162]	○	○
284	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R163]	○	○
285	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R164]	○	○
286	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R165]	○	○
287	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R166]	○	○
288	VRS-TS2AD220J	AA		C	Resistor (1/10W 22Ω ±5%) [R167]	○	○
289	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%) [R168]	○	○
290	VRS-TS2AD682J	AA		C	Resistor (1/10W 6.8KΩ ±5%) [R169]	○	○
291	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R170]	○	○
292	VRS-TS2AD104J	AA		C	Resistor (1/10W 100KΩ ±5%) [R171]	○	○
293	VRS-TS2AD104J	AA		C	Resistor (1/10W 100KΩ ±5%) [R172]	○	○
294	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R174]	○	○
295	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R175]	○	○
296	VRS-TS2AD273J	AA		C	Resistor (1/10W 27KΩ ±5%) [R177]	○	○
297	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R180]	○	○
298	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R181]	○	○
299	VRS-TS2AD104J	AA		C	Resistor (1/10W 100KΩ ±5%) [R184]	○	○
300	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%) [R185]	○	○
301	VRS-TS2AD272J	AA		C	Resistor (1/10W 2.7KΩ ±5%) [R186]	○	○
302	VRS-TS2AD563J	AA		C	Resistor (1/10W 56KΩ ±5%) [R187]	○	○
303	VRS-TS2AD563J	AA		C	Resistor (1/10W 56KΩ ±5%) [R188]	○	○
304	VRS-TS2AD273J	AA		C	Resistor (1/10W 27KΩ ±5%) [R191]	○	○
305	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%) [R192]	○	○
306	VRS-TS2AD562J	AA		C	Resistor (1/10W 5.6KΩ ±5%) [R193]	○	○
307	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%) [R194]	○	○
308	VRS-TS2AD562J	AA		C	Resistor (1/10W 5.6KΩ ±5%) [R195]	○	○
309	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%) [R196]	○	○
310	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%) [R197]	○	○
311	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R198]	○	○
312	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R199]	○	○
313	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R200]	○	○
314	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R201]	○	○
315	VRS-TS2AD182G	AA		C	Resistor (1/10W 1.8KΩ ±2%) [R203]	○	○
316	VRS-TS2AD102G	AA		C	Resistor (1/10W 1.0KΩ ±2%) [R204]	○	○
317	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R205]	○	○
318	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R209]	○	○
319	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%) [R211]	○	○
320	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%) [R212]	○	○

4 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	U.S.A	Canada
321	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R213]	○
322	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R214]	○
323	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R215]	○
324	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R216]	○
325	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R217]	○
326	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R218]	○
327	VRS-TS2AD101J	AA		C	Resistor (1/10W 100Ω ±5%)	[R219]	○
328	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R220]	○
329	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R221]	○
330	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R222]	○
331	VRS-TS2AD100J	AA		C	Resistor (1/10W 10Ω ±5%)	[R224]	○
332	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R225]	○
333	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R227]	○
334	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R228]	○
335	RCORF1008ACZZ	AB		C	Core (BLM21A05)	[R229]	○
336	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R230]	○
337	RCORF1008ACZZ	AB		C	Core (BLM21A05)	[R231]	○
338	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R232]	○
339	VRS-TS2AD362F	AA		C	Resistor (1/10W 3.6KΩ ±1%)	[R233]	○
340	VRS-TS2AD122F	AA		C	Resistor (1/10W 1.2KΩ ±1%)	[R234]	○
341	VRS-TS2AD472G	AA		C	Resistor (1/10W 4.7KΩ ±2%)	[R235]	○
342	VRS-TS2AD912G	AA		C	Resistor (1/10W 9.1KΩ ±2%)	[R236]	○
343	VRS-TS2AD912G	AA		C	Resistor (1/10W 9.1KΩ ±2%)	[R237]	○
344	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R238]	○
345	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R239]	○
346	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R240]	○
347	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R241]	○
348	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R242]	○
349	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R243]	○
350	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R244]	○
351	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R245]	○
352	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R246]	○
353	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R247]	○
354	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R248]	○
355	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R249]	○
356	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R250]	○
357	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R251]	○
358	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R252]	○
359	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R253]	○
360	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R254]	○
361	RCORF1008ACZZ	AB		C	Core (BLM21A05)	[R255]	○
362	VRS-TS2AD122F	AA		C	Resistor (1/10W 1.2KΩ ±1%)	[R256]	○
363	VRS-TS2AD103F	AA		C	Resistor (1/10W 10KΩ ±1%)	[R257]	○
364	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R258]	○
365	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R259]	○
366	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R260]	○
367	VRS-TS2AD473J	AA		C	Resistor (1/10W 47KΩ ±5%)	[R261]	○
368	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R262]	○
369	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R263]	○
370	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R265]	○
371	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R266]	○
372	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R267]	○
373	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R268]	○
374	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R269]	○
375	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R270]	○
376	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R271]	○
377	VRS-TS2AD622J	AA		C	Resistor (1/10W 6.2KΩ ±5%)	[R272]	○
378	VRS-TS2AD622J	AA		C	Resistor (1/10W 6.2KΩ ±5%)	[R275]	○
379	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R276]	○
380	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R279]	○
381	VRS-TS2AD102J	AA		C	Resistor (1/10W 1KΩ ±5%)	[R280]	○
382	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R281]	○
383	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R283]	○
384	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R284]	○
385	VRS-TS2AD103J	AA		C	Resistor (1/10W 10KΩ ±5%)	[R285]	○
386	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7KΩ ±5%)	[R286]	○
387	VRS-TS2AD333J	AA		C	Resistor (1/10W 33KΩ ±5%)	[R287]	○
388	VRS-TS2AD203J	AA		C	Resistor (1/10W 20KΩ ±5%)	[R288]	○
389	VRS-TS2AD330J	AA		C	Resistor (1/10W 33Ω ±5%)	[R289]	○
390	VRS-TS2AD221J	AA		C	Resistor (1/10W 220Ω ±5%)	[R290]	○
391	RMPTC8103QCKB	AD		B	Block resistor (10KΩ×8 1/8W ±10%)	[RA1]	○
392	RMPTC8103QCKB	AD		B	Block resistor (10KΩ×8 1/8W ±10%)	[RA2]	○
393	RMPTC8103QCKB	AD		B	Block resistor (10KΩ×8 1/8W ±10%)	[RA3]	○
394	RMPTC6103QCKB	AC		B	Block resistor (10KΩ×6 1/8W ±10%)	[RA4]	○
395	RMPTC8103QCKB	AD		B	Block resistor (10KΩ×8 1/8W ±10%)	[RA8]	○
396	QCNCW7086RC5J	AK		C	Connector (50pin)	[RAMCN]	○
397	VHSDRA2TE/-1	AG		B	Thyristor (DRA2TE)	[SD1]	○
398	QCNCW1084ACZZ	AG		C	Connector (9pin)	[SIOC]	○
399	QCNCM6865RC2J	AD		C	Connector (20pin)	[SLIPCN1]	○
400	QCNCM2379RC0E	AC		C	Connector (5pin)	[SLIPCN2]	○

4 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	U.S.A	Canada
401	QCNCM1060AC03	AB		C	Connector (3pin)	[SW2]	○
402	QCNCW1057ACZZ	AB		C	Connector (Short socket)	[SW2]	○
403	RTRNH6783RCZZ	AN		B	Converter transformer	[T1]	○
404	VRD-RC2EY000J	AA		C	Resistor (1/4W 0Ω ±5%)	[TP4]	○
405	RVR-M2517QCZZ	AE		B	Variable resistor (200KΩ)	[VR2]	○
406	RCRSP6664RCZZ	AF		B	Crystal (19.66MHz)	[X1]	○
407	VHERD4.3MB1-1	AC		B	Zener diode (RD4.3MB1)	[ZD100]	○
408	VHERD6.2MB1-1	AC		B	Zener diode (RD6.2MB1)	[ZD101]	○
409	VHERD4.3MB1-1	AC		B	Zener diode (RD4.3MB1)	[ZD103]	○
410	VHERD5.6PB/-1	AD		B	Zener diode (RD5.6PB)	[ZD104]	○
411	LBNDJ0004UCZZ	AA		C	Band		○
412	LBNDJ0050FCZZ	AA		C	Band (SKB-2M)		○
413	LX-BZ6665RCZZ	AA		C	Screw (3×6)		○
414	PGUMS6703RCZZ	AB		C	Battery rubber sheet		○
415	PRDAF6650RCZB	AG		C	Heat sink		○
416	QCNCW-7124RCZZ	AB		C	GND wire 2 (To switch angle)		○
417	QCNCW-7628RCZZ	AD		C	Battery cable		○
418	TLABG6935RCZZ	AB		D	Battery label		○
419	XBSSD30P08000	AA		C	Screw (3×8)		○
420	XNESD30-24000	AA		C	Nut (3NS)		○
	(Unit)						
901	CPWBX7315RC03		N	E	Main PWB unit	○	
	CPWBX7315RC04		N	E	Main PWB unit		○

5 Display PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION		
1	PSPAG6723RCZZ	AF		C	Display spacer		
2	QCNCM6865RC01	AC		C	Connector (9pin)		
3	QCNCM6865RC1A	AD		C	Connector (11pin)		
4	QCNCW-7599RCZZ	AK		C	Key cable 2 (9pin)	[KEY CN2]	
5	QCNCW-7615RCZZ	AT		C	Display cable		
6	QCNCW-7616RCZZ	AK		C	Key-display cable (7pin)	[KEY CN1]	
7	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10μF)	[C11,15,22,25]	
8	RC-KZ1054CCZZ	AB		C	Capacitor (50WV 0.1μF)		
9	RCORF2029SCZZ	AC		C	Core		
10	RCRSP6658RCZZ	AE		B	Crystal (32.768KHz)	[X1]	
11	RCRSZ6644RCZZ	AD		B	Crystal (4.19MHz)	[X2]	
12	RMPTC7104QCKB	AC		B	Block Resistor (100KΩ×7 1/4W ±10%)	[BR1~3]	
13	RMPTC4471RCHZ	AD		B	Capacitor array (470pF×4)	[BC1]	
14	RMPTN8202QCJJ	AK		B	Block resistor (2KΩ×8)	[BR4]	
15	VCCCPU1HH101J	AB		C	Capacitor (50WV 100PF)	[C20]	
16	VCCCPU1HH150J	AA		C	Capacitor (50WV 15PF)	[C13,14]	
17	VCEAEU1CW106M	AA		C	Capacitor (16WV 10μF)	[C17]	
18	VCKYPU1HB102K	AA		C	Capacitor (50WV 0.001μF)		
19	VCKYPU1HB471K	AA		C	Capacitor (50WV 470PF)	[C3,4,5,6,7,23,24]	
20	VCTYPU1NX104M	AB		C	Capacitor (12WV 0.1μF)		
21	VCTYPU1EX223M	AB		C	Capacitor (25WV 0.022μF)	[C9]	
22	VHDEK04////-1	AD		B	Diode (EK04)	[D2]	
23	VHERD39EB7/-1	AB		B	Zener diode (RD39EB7)	[ZD1]	
24	VHIH4728A75FS	AX		B	IC (H4728A75FS)	[IC1]	
25	VHIH66004FP-1	AY		B	IC (M66004FP)	[IC2]	
26	VRD-RC2EY105J	AA		C	Resistor (1/4W 1.0MΩ ±5%)	[R9]	
27	VRD-RC2EY202J	AA		C	Resistor (1/4W 2.0KΩ ±5%)	[R17,18,19]	
28	VRD-RC2EY221J	AA		C	Resistor (1/4W 220Ω ±5%)	[R8]	
29	VRD-RC2EY273G	AA		C	Resistor (1/4W 27KΩ ±2%)	[R12]	
30	VRD-RC2EY330J	AA		C	Resistor (1/4W 33Ω ±5%)	[R13,14,15,16]	
31	VRD-RC2EY4R7J	AA		C	Resistor (1/4W 4.7Ω ±5%)	[R10,11]	
32	VRD-RC2EY472J	AA		C	Resistor (1/4W 4.7KΩ ±5%)	[R3,4]	
33	VRD-RC2EY473J	AA		C	Resistor (1/4W 47KΩ ±5%)	[R1,2]	
34	VVKCC1040G/-1	BL		B	Display tube		
	(Unit)						
901	CPWBF7316RC01	BY		E	Display PWB unit		

6 Power supply PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION		
1	LBNDJ0004UCZZ	AA		C	Band		
2	LX-BZ6665RCZZ	AA		C	Screw (3×6)		
3	PRDAF6651RCZA	AG		C	Heat sink		
4	QCNCM1101CCZZ	AB		C	Connector (2pin)	[VIN CN]	
5	QCNCW-7575RCZZ	AE		C	PS cable (2pin)	[PS CN]	

6 Power supply PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
6	QCNW-7640RCZZ	AC		C	GND wire 1
7	QFS-B0322QCZZ	AC		A	Fuse (UL125V 3.15A) [F1]
8	QFSA1002CCZZ	AB		C	Fuse holder (MINI TYPE) [F1]
9	RC-EZ688NRC1J	AQ		C	Capacitor (63WV 6800 μ F) [C1]
10	RCiLC6652RCZZ	AK		C	Coil (MC182-201M) [L1]
11	RVR-M2415QC3	AE		B	Variable resistor (CT-6P) [VR1]
12	VCEAGU1VW228M	AG		C	Capacitor (35WV 2200 μ F) [C2]
13	VCQYNA2AM103K	AA		C	Capacitor (100WV 0.010 μ F) [C3]
14	VHDDBA20B// -1	AE		B	Diode (DBA20B) [DB1]
15	VHISTR2124// -1	AR		B	IC (STR2124) [IC1]
16	VRD-RC2EY103G	AA		C	Resistor (1/4W 10K Ω $\pm$ 2%) [R2]
17	XBPSD30P14KS0	AA		C	Screw (3 $\times$ 14KS)
18	XNESD30-24000	AA		C	Nut (3NS)
	(Unit)				
901	CPWBF7289RC08		N	E	Power supply PWB unit

7 Noise filter PWB unit [for Canada]

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	RC-HZ104AUA2E	AE		C	Capacitor (250WV 0.1 μ F) [C1]
2	RC-HZ224AUA2E	AF		C	Capacitor (250WV 0.22 μ F) [C2]
3	QFS-B1002CCZZ	AE		A	Fuse (1.5A 125V) [F1]
4	QFSHB1003CCZZ	AB		C	Fuse holder (SN-3E) [F1]
5	RCiLC6654RCZZ	AK		C	Coil (PLAC5020R6) [L1]
6	VRD-RB2HY394J	AA		C	Resistor (1/2W 390K Ω $\pm$ 5%) [R1]
7	QCNCM6785RC0C	AD		B	Connector, Male (3pin)
	(Unit)				
901	CPWBF7326RC03		N	E	Noise filter PWB unit [Canada]

8 Pop-up PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	LBNDJ0004UCZZ	AA		C	Band
2	QCNCW6918RC09	AH		C	Connector with wires (9pin) [Pop up CN1]
3	QCNCW6918RC11	AK		C	Connector (11pin) [Pop up CN2]
4	VVKFiP7B13// -1	AX		B	Display tube (FIP7B13)
	(Unit)				
901	CPWBF7136RC01	BD		E	Pop-up PWB unit

9 Articles for consumption

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	DPAPR1006CSZZ	AR		S	Roll paper (5rolls/pack)
2	PRBN-6640RCZZ	AX		S	Ribbon cassette
3	UINK-1001CCZZ	AK		S	Ink for stamp (5cc)
4	PSHEK6804RCZZ	AD		S	Key sheet (Programming character)
5	PSHEK6796RCZZ	AK		S	Key sheet (Standard character)
6	PSHEK6777RCZZ	AC		S	Key sheet (Blank character)

10 Service route options & Service tools

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	LKGiM7113RCZZ	AK		B	Service key
2	GC0VB7047RCZZ	AY		S	Drip proof switch cover
3	LKGiM7126RCZZ	AL		S	Mode key grip cover (OP key only)
4	PSHEK6777RCZZ	AC		S	Blank key sheet
5	DKIT-8643RCZZ	BG		S	Journal near end sensor
	LKGiM7346RCZZ	AX		B	Additional clerk key (Key No.=7)
	LKGiM7347RCZZ	AX		B	Additional clerk key (Key No.=8)
	LKGiM7348RCZZ	AX		B	Additional clerk key (Key No.=9)
6	LKGiM7349RCZZ	AX		B	Additional clerk key (Key No.=10)
	LKGiM7350RCZZ	AX		B	Additional clerk key (Key No.=11)
	LKGiM7351RCZZ	AX		B	Additional clerk key (Key No.=12)
	LKGiM7352RCZZ	AX		B	Additional clerk key (Key No.=13)

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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
[C]				
CCABB7141RC09	1- 9	BA	N	D
CCOVA7038RC06	1- 1	AW		D
CKOG-6708RCZZ	10- 8	BU		S
CPWBF7136RC01	1- 5	BD		E
"	8- 901	BD		E
CPWBF7289RC08	2- 24	BL	N	E
"	6- 901	BL	N	E
CPWBF7316RC01	1- 15	BY		E
"	5- 901	BY		E
CPWBF7326RC03	2- 48	BB	N	E
"	7- 901	BB	N	E
CPWBX7315RC03	2- 23	CM	N	E
"	4- 901	CM	N	E
CPWBX7315RC04	2- 23	CM	N	E
"	4- 901	CM	N	E
CSW-P6875RC01	1- 54	AW		B
CSW-S6850RC01	1- 28	AH		B
[D]				
DKIT-8633RCZZ	10- 7	BE		S
DKIT-8643RCZZ	10- 5	BG		S
DPAPR1006CSZZ	9- 1	AR		S
DUNTK9161RCZZ	1- 501	BL		E
[G]				
GCAB-7143RCZZ	1- 4	AH		D
GCABA7142RCAA	2- 30	BD		D
GCOVA7039RCSA	1- 3	AM		D
GCOVA7040RCSA	2- 31	AQ		D
GCOVB7041RCZZ	1- 12	AY		D
GCOVB7042RCZZ	1- 30	AW		D
GCOVB7047RCZZ	10- 2	AY		S
GCOVH7071RCZZ	2- 56	AC	N	D
GFTAF6770RCSA	2- 40	AC		D
GFTAS6769RCSA	2- 29	AC		D
GLEGG6653RCZZ	2- 38	AD		C
[H]				
HPNLC6818RCSH	1- 11	AK	N	D
[K]				
Ki-OB6754RCZZ	2- 3	CB		E
[L]				
LANGQ7472RCZZ	2- 22	AE		C
LANGQ7476RCZA	2- 11	AF		C
LANGT7465RCZZ	1- 23	AK		C
LANGT7505RCZZ	1- 16	AM		C
LBNDJ0004UCZZ	1- 38	AA		C
"	2- 54	AA		C
"	4- 411	AA		C
"	6- 1	AA		C
"	8- 1	AA		C
LBNDJ0050FCZZ	4- 412	AA		C
LBNDJ2004SCZZ	1- 46	AA		C
LCHSM6692RCZZ	2- 39	AV		C
LHLDK6813RCSA	2- 15	AE		C
LHLDW0004SCZZ	1- 34	AB		C
LHLDW0007SCZZ	2- 18	AA		C
LHLDW0008SCZZ	1- 53	AA		C
"	2- 26	AA		C
LHLDW0024SCZZ	1- 31	AA		C
"	2- 28	AA		C
LHLDW2341RCZZ	2- 52	AB		C
LHLDW5034BCZZ	1- 44	AB		C
"	2- 53	AB		C
LKGIM6784RCZZ	2- 37	AD		B
"	3- 7	AD		B
LKGIM7110RCZZ	1- 24	AG		B
"	3- 5	AG		B
LKGIM7111RCZZ	1- 24	AG		B
"	3- 5	AG		B
LKGIM7113RCZZ	10- 1	AK		B
LKGIM7126RCZZ	10- 3	AL		S
LKGIM7129RCZZ	1- 24	AE		B
"	3- 5	AE		B
LKGIM7346RCZZ	10- 6	AX		B
LKGIM7347RCZZ	10- 6	AX		B
LKGIM7348RCZZ	10- 6	AX		B
LKGIM7349RCZZ	10- 6	AX		B
LKGIM7350RCZZ	10- 6	AX		B
LKGIM7351RCZZ	10- 6	AX		B
LKGIM7352RCZZ	10- 6	AX		B
LKGIM7353RCZZ	10- 6	AX		B

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
LKGIM7354RCZZ	10- 6	AX		B
LKGIM7363RCZZ	2- 34	AL		B
LKGIM7256RCZZ	1- 25	AP		B
LX-BZ6665RCZZ	1- 17	AA		C
"	2- 51	AA		C
"	4- 413	AA		C
"	6- 2	AA		C
LX-BZ6754RCZZ	2- 33	AA		C
LX-BZ6774RCZZ	1- 33	AA		C
"	2- 7	AA		C
[M]				
MSPRK6660RCZZ	2- 36	AC		C
[P]				
PCUSG1220CCZZ	2- 9	AB		C
PFIW6923RCSE	1- 6	AN	N	D
PFIW6924RCSE	1- 10	AM	N	D
PFIW6925RCZZ	1- 2	AK		D
PFIW6926RCZZ	1- 47	AD		D
PGUMM6699RCZZ	2- 5	AB		C
PGUMS6703RCZZ	4- 414	AB		C
PHOG-6628RCZZ	3- 12	AE		C
PRBN-6640RCZZ	9- 2	AX		S
PRDAF6650RCZB	4- 415	AG		C
PRDAF6651RCZA	6- 3	AG		C
PSHEK6777RCZZ	9- 6	AC		S
"	10- 4	AC		S
PSHEK6796RCZZ	9- 5	AK		S
PSHEK6804RCZZ	9- 4	AD		S
PSHEK6805RCZZ	1- 13	AK	N	C
PSHEK6806RCZZ	1- 14	AD	N	C
PSHEP6807RCZZ	2- 57	AD		C
PSPAG6703RCZZ	1- 7	AB		C
PSPAG6723RCZZ	5- 1	AF		C
PSTM-6780RCZZ	2- 4	AR		C
[Q]				
QACCD8411QCZZ	2- 16	AN		B
QCNCM1060AC03	4- 401	AB		C
QCNCM1101CCZZ	4- 245	AB		C
"	6- 4	AB		C
QCNCM2379RC0E	4- 400	AC		C
QCNCM5278NCZZ	4- 182	AC		C
"	4- 183	AC		C
QCNCM6699RCZZ	4- 184	AC		B
"	4- 185	AC		B
QCNCM6785RC0C	7- 7	AD		B
QCNCM6865RC0i	5- 2	AC		C
QCNCM6865RC1A	5- 3	AD		C
QCNCM6865RC2J	4- 399	AD		C
QCNCM6926RC1H	4- 181	AE		C
QCNCM7071RC6H	4- 242	AN		C
"	4- 243	AN		C
QCNCM7085RC0B	4- 2	AB		C
QCNCW1057ACZZ	4- 402	AB		C
QCNCW1084ACZZ	4- 398	AG		C
QCNCW6918RC09	8- 2	AH		C
QCNCW6918RC11	8- 3	AK		C
QCNCW7086RC5J	4- 396	AK		C
QCNCW-7000RC18	1- 51	AC		C
QCNCW-7117RCZZ	2- 17	AE		C
QCNCW-7120RCZZ	1- 39	AE		C
QCNCW-7122RCZZ	2- 10	AD		C
QCNCW-7124RCZZ	4- 416	AB		C
QCNCW-7125RCZZ	2- 8	AD		C
QCNCW-7434RCZZ	1- 29	AC		C
QCNCW-7518RCZZ	2- 43	AR		C
"	4- 244	AR		C
QCNCW-7574RCZZ	2- 41	AE		C
QCNCW-7575RCZZ	2- 42	AE		C
"	6- 5	AE		C
QCNCW-7592RCZZ	2- 41	AD		C
QCNCW-7599RCZZ	1- 48	AK		C
"	5- 4	AK		C
QCNCW-7615RCZZ	1- 50	AT		C
"	5- 5	AT		C
QCNCW-7616RCZZ	1- 49	AK		C
"	5- 6	AK		C
QCNCW-7628RCZZ	4- 417	AD		C
QCNCW-7640RCZZ	6- 6	AC		C
QFS-A1037CCZZ	4- 186	AC		A
QFS-B0300QCZZ	4- 188	AE		A

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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
QFS-B0322QCZZ	6- 7	AC		A
QFS-B1002CCZZ	7- 3	AE		A
QFSHA1002CCZZ	4- 187	AB		C
//	4- 189	AB		C
//	6- 8	AB		C
QFSHB1003CCZZ	7- 4	AB		C
QS0CZ2042SC32	4- 217	AE		C
//	4- 219	AE		C
//	4- 220	AE		C
QTANP0004HCZZ	2- 20	AB		C
QTANP6635RCZZ	2- 14	AA		C
[R]				
RALMB6640RCZZ	4- 3	AF		B
RC-EZ106ARC1A	4- 5	AD		C
//	4- 6	AD		C
//	4- 10	AD		C
//	4- 12	AD		C
//	4- 13	AD		C
//	4- 26	AD		C
//	4- 30	AD		C
//	5- 7	AD		C
RC-EZ107BRC1A	4- 4	AH		C
RC-EZ476ARC1A	4- 16	AF		C
//	4- 21	AF		C
//	4- 27	AF		C
//	4- 28	AF		C
//	4- 31	AF		C
RC-EZ685ARC1C	4- 9	AD		C
RC-EZ688NRC1J	6- 9	AQ		C
RC-HZ104AUA2E	7- 1	AE		C
RC-HZ224AUA2E	7- 2	AF		C
RC-KZ1054CCZZ	5- 8	AB		C
RCILC6633RCIZ	4- 241	AH		C
RCILC6652RCZZ	6- 10	AK		C
RCILC6654RCZZ	7- 5	AK		C
RCILZ1003LCZZ	4- 191	AB		C
//	4- 192	AB		C
//	4- 193	AB		C
//	4- 194	AB		C
//	4- 195	AB		C
//	4- 196	AB		C
//	4- 197	AB		C
//	4- 198	AB		C
//	4- 199	AB		C
//	4- 201	AB		C
//	4- 202	AB		C
RCORF1008ACZZ	4- 335	AB		C
//	4- 337	AB		C
//	4- 361	AB		C
RCORF1016LCZZ	1- 20	AL		C
RCORF2029SCZZ	5- 9	AC		C
RCORF6650RCZZ	2- 47	AE		C
RCORF6654RCZZ	1- 32	AH		C
RCORF6661RCZZ	2- 45	AK		C
RCORF6662RCZZ	1- 45	AK		C
RCORF6666RCZZ	2- 25	AM		C
RCORF6673RCZZ	4- 200	AB		C
RCORF6674RCZZ	4- 190	AB		C
RCORF6683RCZZ	1- 18	AM		C
RCORF6684RCZZ	1- 52	AG		C
RCRSP6658RCZZ	5- 10	AE		B
RCRSP6664RCZZ	4- 406	AF		B
RCRSZ6644RCZZ	5- 11	AD		B
RFILN6001RCZZ	2- 13	AT		B
RFILN6014RCZZ	4- 203	AC		C
//	4- 204	AC		C
//	4- 205	AC		C
//	4- 206	AC		C
//	4- 207	AC		C
//	4- 208	AC		C
//	4- 209	AC		C
//	4- 210	AC		C
RMPTC0473QCKB	1- 108	AD		B
RMPTC6103QCKB	4- 394	AC		B
RMPTC7104QCKB	5- 12	AC		B
RMPTC8103QCKB	4- 391	AD		B
//	4- 392	AD		B
//	4- 393	AD		B
//	4- 395	AD		B
RMPTE4471RCHZ	5- 13	AD		B

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
RMPTN8202QCJJ	5- 14	AK		B
RTRNH6783RCZZ	4- 403	AN		B
RTRNP6782RCZZ	2- 2	AZ		B
RTRNP6867RCZZ	2- 2	BC	N	B
RVR-M2415QC3	6- 11	AE		B
RVR-M2517QCZZ	4- 405	AE		B
[S]				
SPAKA8216RCZA	3- 2	AQ		D
SPAKA8217RCZA	3- 4	AQ		D
SPAKC8218RCB	3- 1	AU	N	D
SPAKC8218RCSC	3- 1	AU	N	D
SSAKA2012KCZZ	3- 3	AF		D
SSAKH3012CCZZ	3- 8	AA		D
SSAKH3015CCZZ	3- 13	AA		D
SSAKH4231CCZZ	3- 15	AA		D
[T]				
TCADH6653RCZZ	3- 16	AB		D
TCADH6654RCZZ	3- 16	AB		D
TCAUS6668RCZZ	1- 37	AA		D
TINSE7279RCZZ	3- 10	AX	N	D
TINSK7286RCZZ	3- 10	BQ	N	D
TLAB-4681CCZZ	2- 21	AA		D
TLABG2744SCZZ	1- 57	AA		D
TLABG6934RCZZ	2- 55	AA		D
TLABG6935RCZZ	4- 418	AB		D
[U]				
UBATN2183CCZZ	4- 1	AV		B
UBNDA1008CCZZ	3- 101	AA		C
UINK-1001CCZZ	3- 9	AK		S
//	9- 3	AK		S
UKOG-6704RCZZ	10- 9	AV		S
[V]				
VCCCPU1HH101J	5- 15	AB		C
VCCCPU1HH150J	5- 16	AA		C
VCCCTV1HH101J	4- 42	AA		C
//	4- 43	AA		C
//	4- 47	AA		C
//	4- 48	AA		C
//	4- 49	AA		C
//	4- 50	AA		C
//	4- 51	AA		C
//	4- 52	AA		C
//	4- 53	AA		C
//	4- 54	AA		C
//	4- 55	AA		C
//	4- 56	AA		C
//	4- 57	AA		C
//	4- 58	AA		C
//	4- 59	AA		C
//	4- 60	AA		C
//	4- 61	AA		C
//	4- 63	AA		C
//	4- 64	AA		C
//	4- 65	AA		C
//	4- 66	AA		C
//	4- 67	AA		C
//	4- 68	AA		C
//	4- 69	AA		C
//	4- 70	AA		C
//	4- 74	AA		C
//	4- 78	AA		C
//	4- 79	AA		C
//	4- 80	AA		C
//	4- 85	AA		C
//	4- 101	AA		C
//	4- 102	AA		C
//	4- 103	AA		C
//	4- 104	AA		C
//	4- 107	AA		C
//	4- 109	AA		C
//	4- 110	AA		C
//	4- 111	AA		C
//	4- 112	AA		C
//	4- 126	AA		C
//	4- 127	AA		C
//	4- 143	AA		C
VCCCTV1HH221J	4- 122	AA		C
VCCCTV1HH331J	4- 36	AA		C
//	4- 37	AA		C
//	4- 38	AA		C

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
VCCCTV1HH331J	4- 81	AA		C	
//	4- 82	AA		C	
//	4- 84	AA		C	
//	4- 87	AA		C	
//	4- 88	AA		C	
//	4- 97	AA		C	
//	4- 105	AA		C	
//	4- 113	AA		C	
//	4- 114	AA		C	
//	4- 115	AA		C	
//	4- 116	AA		C	
//	4- 121	AA		C	
//	4- 133	AA		C	
//	4- 134	AA		C	
//	4- 135	AA		C	
//	4- 136	AA		C	
//	4- 139	AA		C	
//	4- 147	AA		C	
//	4- 148	AA		C	
//	4- 149	AA		C	
//	4- 150	AA		C	
//	4- 155	AA		C	
//	4- 156	AA		C	
VCCCTV1HH470J	4- 73	AA		C	
//	4- 75	AA		C	
//	4- 76	AA		C	
//	4- 92	AA		C	
//	4- 106	AA		C	
//	4- 108	AA		C	
//	4- 117	AA		C	
//	4- 119	AA		C	
//	4- 123	AA		C	
//	4- 124	AA		C	
//	4- 125	AA		C	
//	4- 129	AA		C	
//	4- 130	AA		C	
//	4- 138	AA		C	
//	4- 144	AA		C	
//	4- 151	AA		C	
VCEAEU1CW106M	5- 17	AA		C	
VCEAGA1CW106M	4- 7	AA		C	
//	4- 11	AA		C	
//	4- 20	AA		C	
//	4- 24	AA		C	
//	4- 25	AA		C	
VCEAGA1HW105M	4- 23	AB		C	
VCEAGU1CW108M	4- 22	AD		C	
VCEAGU1CW336M	1- 113	AA		C	
VCEAGU1HW227M	4- 18	AC		C	
VCEAGU1HW477M	4- 19	AD		C	
VCEAGU1VW228M	6- 12	AG		C	
VCEAGU2AW106M	4- 17	AB		C	
VCEAGU2AW226M	4- 15	AB		C	
VCKYPU1HB102K	5- 18	AA		C	
VCKYPU1HB471K	5- 19	AA		C	
VCKYTV1HB102K	4- 32	AA		C	
//	4- 33	AA		C	
//	4- 34	AA		C	
//	4- 35	AA		C	
//	4- 40	AA		C	
//	4- 45	AA		C	
//	4- 46	AA		C	
//	4- 62	AA		C	
//	4- 71	AA		C	
//	4- 93	AA		C	
//	4- 94	AA		C	
//	4- 98	AA		C	
//	4- 99	AA		C	
//	4- 146	AA		C	
//	4- 152	AA		C	
//	4- 153	AA		C	
//	4- 154	AA		C	
//	4- 157	AA		C	
//	4- 158	AA		C	
//	4- 159	AA		C	
VCKYTV1HB103K	4- 86	AB		C	
//	4- 142	AB		C	
VCKYTV1HB152K	4- 100	AA		C	
VCKYTV1HF104Z	4- 39	AA		C	
//	4- 41	AA		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK	
VCKYTV1HF104Z	4- 44	AA		C	
//	4- 72	AA		C	
//	4- 77	AA		C	
//	4- 83	AA		C	
//	4- 89	AA		C	
//	4- 90	AA		C	
//	4- 91	AA		C	
//	4- 95	AA		C	
//	4- 96	AA		C	
//	4- 118	AA		C	
//	4- 120	AA		C	
//	4- 128	AA		C	
//	4- 131	AA		C	
//	4- 132	AA		C	
//	4- 137	AA		C	
//	4- 140	AA		C	
//	4- 141	AA		C	
//	4- 145	AA		C	
//	4- 160	AA		C	
//	4- 161	AA		C	
VCQYNA1HM103K	4- 8	AA		C	
VCQYNA2AM103K	6- 13	AA		C	
VCQYNU1HM683K	4- 14	AB		C	
VCTYPU1EX104M	4- 29	AB		C	
VCTYPU1EX223M	5- 21	AB		C	
VCTYPU1NX104M	5- 20	AB		C	
VHDDBA20B//--1	6- 14	AE		B	
VHDDSS133//--1	1- 111	AA		B	
VHDEK04///--1	5- 22	AD		B	
VHDSFPB54//--1	4- 164	AC		B	
//	4- 165	AC		B	
//	4- 175	AC		B	
VHDSFPL52V/--1	4- 169	AC		B	
//	4- 171	AC		B	
VHD1SS353//--1	4- 163	AB		B	
//	4- 166	AB		B	
//	4- 167	AB		B	
//	4- 168	AB		B	
//	4- 170	AB		B	
//	4- 172	AB		B	
//	4- 173	AB		B	
//	4- 174	AB		B	
//	4- 176	AB		B	
//	4- 177	AB		B	
//	4- 178	AB		B	
//	4- 179	AB		B	
//	4- 180	AB		B	
VHECRDE562/--1	4- 162	AE		B	
VHERD39EB7/--1	5- 23	AB		B	
VHERD4.3MB1-1	4- 407	AC		B	
//	4- 409	AC		B	
VHERD5.6PB/--1	4- 410	AD		B	
VHERD6.2MB1-1	4- 408	AC		B	
VHiF258016PC//	4- 221	AZ		B	
VHiHM128F12SL	4- 213	BN		B	
VHiH4728A75FS	5- 24	AX		B	
VHiH641510810	4- 226	BA		B	
VHiR9393N/--1	4- 214	AD		B	
//	4- 222	AD		B	
VHiMC34063AM1	4- 225	AG		B	
VHiM66004FP-1	5- 25	AY		B	
VHiSMA4392/--1	4- 224	AN		B	
VHiSN74HC00NS	4- 211	AC		B	
VHiSN74HC08NS	4- 216	AD		B	
VHiSN74HC14NS	4- 228	AE		B	
VHiSTA401A/--1	4- 223	AP		B	
//	4- 229	AP		B	
VHiSTR2124/--1	6- 15	AR		B	
VHiTC7S86F/--1	4- 230	AD		B	
//	4- 231	AD		B	
VHiTD62308F-1	4- 215	AH		B	
//	4- 227	AH		B	
VHiTD62503F-1	4- 212	AF		B	
VHi27040RAC1A	4- 218	BK	N	B	
VHSDRA2TE//--1	4- 397	AG		B	
VRD-HT2EY472J	1- 112	AA		C	
VRD-RB2HY394J	7- 6	AA		C	
VRD-RB2HY561J	4- 253	AA		C	
VRD-RC2EY000J	4- 232	AA		C	
//	4- 233	AA		C	

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
VRD-RC2EY000J	4- 404	AA		C
VRD-RC2EY103G	6- 16	AA		C
VRD-RC2EY105J	5- 26	AA		C
VRD-RC2EY202J	5- 27	AA		C
VRD-RC2EY221J	5- 28	AA		C
VRD-RC2EY273G	5- 29	AA		C
VRD-RC2EY330J	5- 30	AA		C
VRD-RC2EY392G	4- 256	AA		C
VRD-RC2EY392J	4- 254	AA		C
VRD-RC2EY4R7J	5- 31	AA		C
VRD-RC2EY472J	5- 32	AA		C
VRD-RC2EY473J	5- 33	AA		C
VRS-RE3AAR68J	4- 255	AA		C
VRS-TS2AD100J	4- 331	AA		C
VRS-TS2AD101J	4- 260	AA		C
//	4- 261	AA		C
//	4- 289	AA		C
//	4- 305	AA		C
//	4- 307	AA		C
//	4- 320	AA		C
//	4- 321	AA		C
//	4- 322	AA		C
//	4- 323	AA		C
//	4- 324	AA		C
//	4- 325	AA		C
//	4- 326	AA		C
//	4- 327	AA		C
VRS-TS2AD102G	4- 316	AA		C
VRS-TS2AD102J	4- 263	AA		C
//	4- 300	AA		C
//	4- 309	AA		C
//	4- 310	AA		C
//	4- 332	AA		C
//	4- 344	AA		C
//	4- 345	AA		C
//	4- 347	AA		C
//	4- 349	AA		C
//	4- 355	AA		C
//	4- 356	AA		C
//	4- 357	AA		C
//	4- 358	AA		C
//	4- 359	AA		C
//	4- 368	AA		C
//	4- 380	AA		C
//	4- 381	AA		C
VRS-TS2AD103F	4- 363	AA		C
VRS-TS2AD103J	4- 257	AA		C
//	4- 258	AA		C
//	4- 259	AA		C
//	4- 262	AA		C
//	4- 266	AA		C
//	4- 275	AA		C
//	4- 276	AA		C
//	4- 277	AA		C
//	4- 278	AA		C
//	4- 279	AA		C
//	4- 280	AA		C
//	4- 281	AA		C
//	4- 282	AA		C
//	4- 283	AA		C
//	4- 284	AA		C
//	4- 285	AA		C
//	4- 286	AA		C
//	4- 287	AA		C
//	4- 291	AA		C
//	4- 294	AA		C
//	4- 295	AA		C
//	4- 297	AA		C
//	4- 298	AA		C
//	4- 311	AA		C
//	4- 312	AA		C
//	4- 313	AA		C
//	4- 314	AA		C
//	4- 317	AA		C
//	4- 318	AA		C
//	4- 319	AA		C
//	4- 328	AA		C
//	4- 329	AA		C
//	4- 330	AA		C
//	4- 333	AA		C

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
VRS-TS2AD103J	4- 334	AA		C
//	4- 336	AA		C
//	4- 338	AA		C
//	4- 346	AA		C
//	4- 348	AA		C
//	4- 351	AA		C
//	4- 354	AA		C
//	4- 364	AA		C
//	4- 365	AA		C
//	4- 366	AA		C
//	4- 370	AA		C
//	4- 371	AA		C
//	4- 372	AA		C
//	4- 373	AA		C
//	4- 374	AA		C
//	4- 375	AA		C
//	4- 376	AA		C
//	4- 383	AA		C
//	4- 384	AA		C
//	4- 385	AA		C
VRS-TS2AD104J	4- 292	AA		C
//	4- 293	AA		C
//	4- 299	AA		C
VRS-TS2AD122F	4- 340	AA		C
//	4- 362	AA		C
VRS-TS2AD134F	4- 267	AA		C
VRS-TS2AD182G	4- 315	AA		C
VRS-TS2AD2R2J	4- 234	AA		C
//	4- 235	AA		C
//	4- 236	AA		C
//	4- 237	AA		C
//	4- 238	AA		C
//	4- 239	AA		C
//	4- 240	AA		C
VRS-TS2AD202J	4- 269	AA		C
VRS-TS2AD203J	4- 388	AA		C
VRS-TS2AD220J	4- 288	AA		C
VRS-TS2AD221J	4- 390	AA		C
VRS-TS2AD223J	4- 268	AA		C
VRS-TS2AD272J	4- 274	AA		C
//	4- 301	AA		C
VRS-TS2AD273J	4- 296	AA		C
//	4- 304	AA		C
VRS-TS2AD330J	4- 389	AA		C
VRS-TS2AD332J	4- 271	AA		C
VRS-TS2AD333J	4- 273	AA		C
//	4- 387	AA		C
VRS-TS2AD362F	4- 339	AA		C
VRS-TS2AD391J	4- 265	AA		C
VRS-TS2AD472G	4- 341	AA		C
VRS-TS2AD472J	4- 272	AA		C
//	4- 350	AA		C
//	4- 352	AA		C
//	4- 353	AA		C
//	4- 360	AA		C
//	4- 369	AA		C
//	4- 379	AA		C
//	4- 382	AA		C
//	4- 386	AA		C
VRS-TS2AD473J	4- 367	AA		C
VRS-TS2AD562J	4- 264	AA		C
//	4- 306	AA		C
//	4- 308	AA		C
VRS-TS2AD563J	4- 302	AA		C
//	4- 303	AA		C
VRS-TS2AD622J	4- 377	AA		C
//	4- 378	AA		C
VRS-TS2AD623J	4- 270	AA		C
VRS-TS2AD682J	4- 290	AA		C
VRS-TS2AD912G	4- 342	AA		C
//	4- 343	AA		C
VS2SA1036KQRC	4- 248	AB		B
//	4- 252	AB		B
VS2SC2412K/-1	4- 249	AB		B
//	4- 251	AB		B
VS2SC4153/-1	4- 246	AG		B
//	4- 247	AG		B
VS2SD1898//-1	4- 250	AD		B
VVKCC1040G/-1	5- 34	BL		B
VVKFiP7B13/-1	8- 4	AX		B

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