

SHARP PARTS GUIDE

MODEL ER-A570

PRINTER: M-820

(For U. S. A, Canada)

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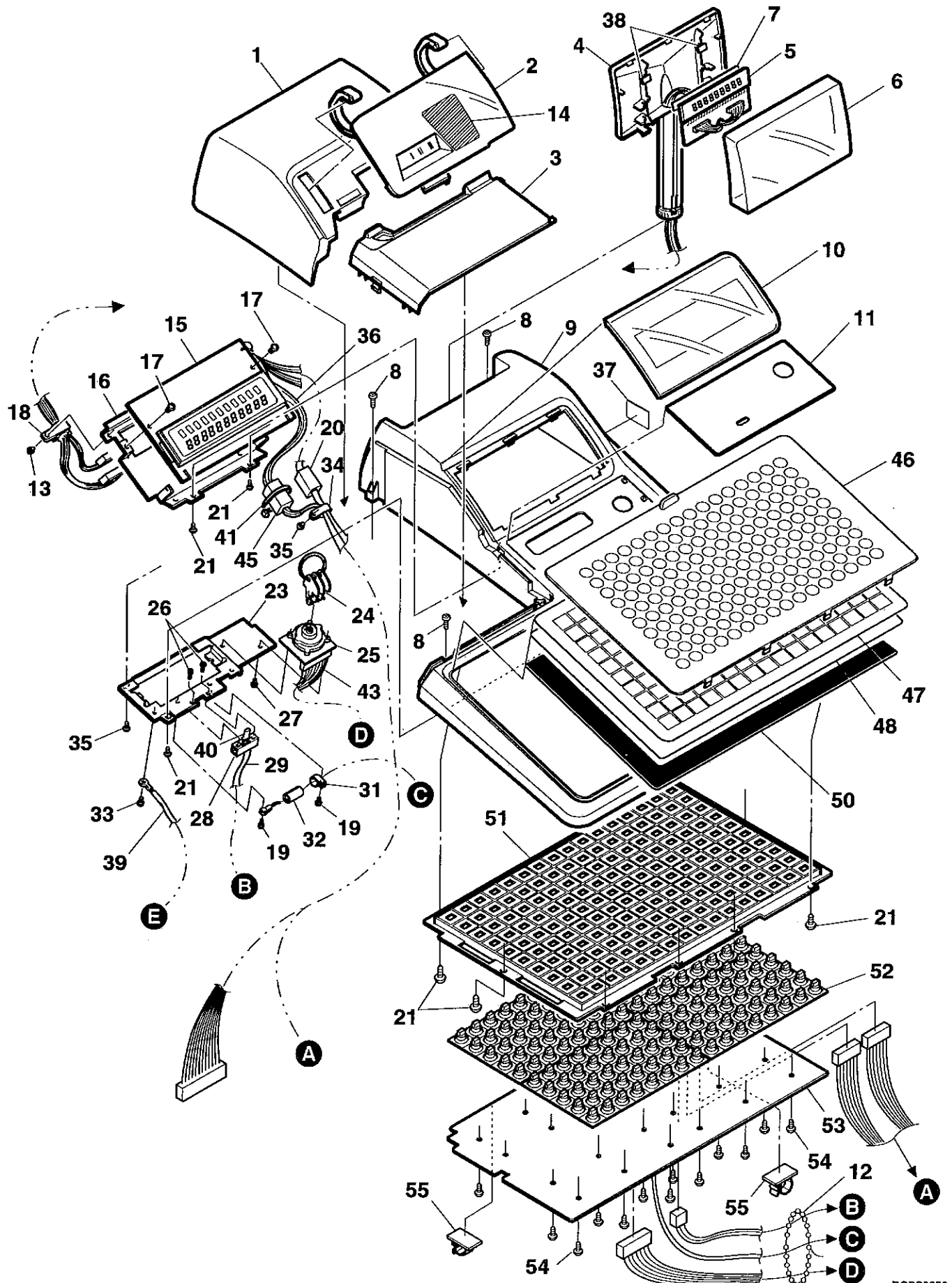
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Because parts marked with "△" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

1 Top cabinet etc.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	GC0VA7038RCZB	AQ		D	Printer cover [U.S.A.]
	GC0VA7038RCBA	AS		D	Printer cover [Canada]
2	PFI LW6925RCZZ	AK		D	Journal filter
3	GC0VA7039RCZZ	AM		D	Ribbon cover [U.S.A.]
	GC0VA7039RCSA	AM		D	Ribbon cover [Canada]
4	GCAB-7143RCZZ	AH		D	Pop-up cabinet
5	CPWBF7136BH01	BL		E	Pop up PWB unit
6	PFI LW6923BHSG	AR		D	Pop up filter
7	PSPAG6729BHZZ	AD		C	Display spacer
8	XBBS C30P06000	AA		C	Screw (3×6)
9	GCABB7141RCZZ	AY		D	Top cabinet [U.S.A.]
	GCABB7141RCSA	AY		D	Top cabinet [Canada]
10	PFI LW6924BHSG	AQ	N	D	Display filter
11	HPNLC6818BHSL	AP		D	Deco. Panel
12	LBNDJ2003SCZZ	AA		C	Band, wire (large)
13	XHBSD30P06000	AA		C	Screw (3×6)
14	PFI LW6926RCZZ	AD		D	Clear filter
15	CPWBN7431BH02	CA		E	Display PWB unit
16	LANGT7505RCZZ	AM		C	Display PWB angle
17	LX-BZ6782BHZZ	AA		C	Screw (3×8KS)
18	RCORF6683RCZZ	AM		C	Core (TFCK16-8-13)
19	XHBSD30P08000	AA		C	Screw (3×8)
20	RCORF1016LCZZ	AL		C	Core (SFC-5)
21	XEBS D30P06000	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 (SM)
25	LKGIW7256RCZZ	AP		B	Mode key switch (Body)
26	XBPSD26P04K00	AA		C	Screw (M2.6×4)
27	XUPSD23P08000	AA		C	Screw (2.3×8) (for MODE SW)
28	QSW-S6850BHZZ	AM		B	Slide switch
29	QCNW-7434RCZZ	AC		C	Harness (2pin)
31	LHLDW0024SCZZ	AA		C	Wire holder (HP-2N)
32	RCORF6654RCZZ	AH		C	Core (5-28-8-F)
33	XHPSD30P06K00	AA		C	Screw (3×6K)
34	LBNDJ0005FCZZ	AB		C	Clamp (6N)
35	XEBS D30P08000	AA		C	Screw (3×8)
36	QCNW-7615RCZZ	AT		C	Display cable [DISPCN1,2]
37	TCAUZ6687BHZZ	AD		D	Caution label [U.S.A.]
	TCAUZ6685BHZZ	AD		D	Caution label [Canada]
38	PHOG-1060CCZZ	AA		C	Display spacer
39	QCNW-7120RCZZ	AE		C	Earth wire (Keyboard→Printer angle)
40	JKNBZ6882BHZZ	AE		C	SL-SW knob
41	LBNDJ2004BHZZ	AB		C	Nylon band (140mm)
43	QCNW-7722BHZZ	BA		C	Mode SW cable
45	RCORF6662RCZZ	AK		C	Core (SFC-6)
46	GC0VB7041RCZZ	AY		D	Flat key cover A
47	PSHEK6820BHZZ	AR		D	Key sheet (Standard)
48	PSHEK6821BHZZ	AK		D	Key sheet (Programming)
50	GC0VB7042RCZZ	AW		D	Flat key cover B
51	LFRM-6689BHZZ	AX		C	Housing
52	PGUMM6710BHZZ	AR		C	Rubber sheet
53	CPWBF7385BH01	BT		E	Keyboard PWB ass'y
54	0ALZD2006-670	AA		C	Screw (Z-D2006-670)
55	LHLDW6820BHZZ	AE		C	Quick clamp (Large)
501	DUNTK9161BHZZ	BS		E	Keyboard unit (Flat type) (Include No51~53)
502	QSW-Z6871BHZZ	AZ		B	Mode switch (Include No25,43)

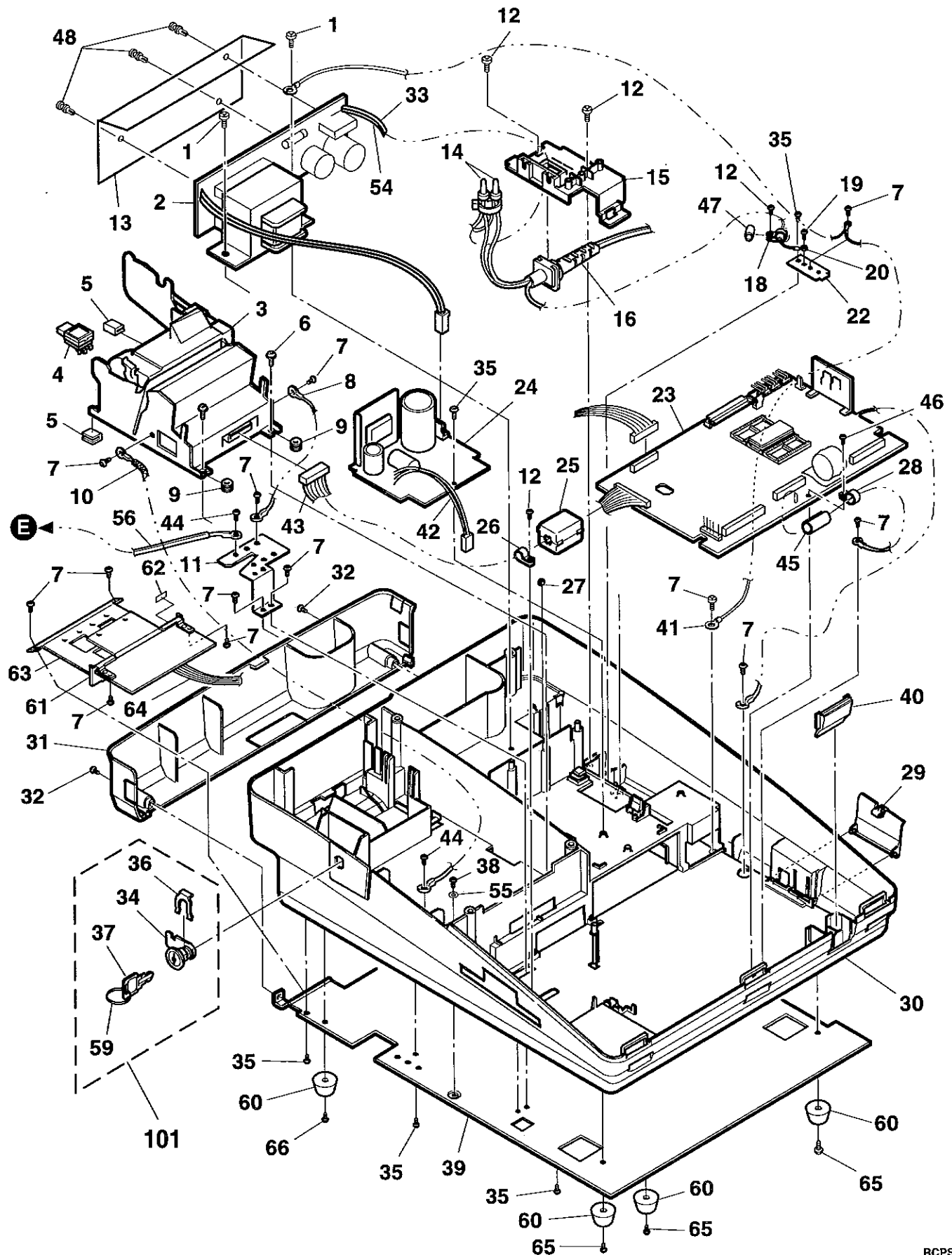
1 Top cabinet etc.



2 Bottom cabinet etc.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	XUBSD40P08000	AA		C	Screw (4×8)
2	CPWBF7288BH08	BN		E	Noise filter PWB unit
3	KI-0B6754RCZZ	CB		E	Printer (M-820)
4	PSTM-6780RC01	AR		C	Stamp
5	PGUMM6699RCZZ	AB		C	Printer cushion
6	XJPSD30P12X00	AB		C	Screw (3×12X)
7	XHPSD30P06K00	AA		C	Screw (M3×6K)
8	QCNW-7125RCZZ	AD		C	GND wire 3
9	PCUSG1220BHZZ	AE		C	Printer cushion
10	QCNW-7122RCZZ	AD		C	GND wire
11	LANGQ7476RCZA	AF		C	Printer earth angle
12	XEBSD30P08000	AA		C	Screw (3×8)
13	PSHEP6789BHZZ	AP		C	N/F Sheet
14	QTANP1094CCZZ	AA		C	Appollo terminal
15	LHLDK6813RCZZ	AE		C	PS Holder [U.S.A]
16	LHLDK6813RCSA	AE		C	PS Holder [Canada]
17	QACCD8411QCZZ	AN		B	AC cord (6A Bush 2.5M)
18	LHLDW0007SCZZ	AA		C	Wire holder (HP-7N)
19	XBPBZ40P08K00	AA		C	Screw (4×8K)
20	QTANP0004BHZZ	AE	N	C	Earth terminal (GP240078)
22	LANGQ7472RCZA	AE		C	Main GND angle
23	CPWBX7430BH02	CP	N	E	Main PWB unit (Include No.43) [U.S.A]
24	CPWBX7430BH03	CP	N	E	Main PWB unit (Include No.43) [Canada]
25	CPWBF7290BH09	BM	N	E	Power supply PWB unit (Include No.42)
26	RCORF6666RCZZ	AM		C	Core (SFC-8)
27	LHLDW0008SCZZ	AA		C	Cable holder (HP-5N)
28	XNESD30-24000	AA		C	Nut (3mm)
29	LHLDW0024SCZZ	AA		C	Wire holder (HP-2N)
30	GFTAS6769RCZZ	AC		D	SIO connector lid [U.S.A]
31	GFTAS6769RCSA	AC		D	SIO connector lid [Canada]
32	GCABA7142RCZA	BB		D	Bottom cabinet [U.S.A]
33	GCABA7142RCAA	BD		D	Bottom cabinet [Canada]
34	GCOVA7040RCZZ	AQ		D	Rear cover [U.S.A]
35	GCOVA7040RCSA	AQ		D	Rear cover [Canada]
36	XBBS30P20000	AA		C	Screw (3×20)
37	QCNW-7683BHZZ	AC		C	AC I/F cable (White)
38	LKGIW7355BHZA	AV		B	Lock key (Body)
39	XEBSD30P06000	AA		C	Screw (3×6)
40	MSPRK6730BHZZ	AC		C	Lock spring
41	LKGI7356BHZZ	AK		B	Printer cover lock key
42	XHPSD40P08KS0	AA		C	Screw (M4×8) (PR GND)
43	LCHSM6692RCZZ	AV		C	Main chassis
44	GFTAF6770RCZZ	AC		D	Clerk key lid [U.S.A]
45	GFTAF6770RCSA	AC		D	Clerk key lid [Canada]
46	QCNW-7592RCZZ	AD		C	Earth wire G/Y
47	QCNW-7575RCZZ	AE		C	PS cable (2pin)
48	QCNW-7518RCZZ	AR		C	Printer cable
49	XBPBZ40P06KS0	AA		C	Screw (3×6KS)
50	RCORF6661RCZZ	AK		C	Core (SFC-4)
51	XJBSD30P10000	AA		C	Screw (M3×10)
52	RCORF6650RCZZ	AE		C	Core (TR-125-8-12)
53	LX-LZ5001CHZZ	AC		C	Bushing
54	QCNW-7684BHZZ	AD		C	AC I/F cable (Black)
55	XWSSD50-13000	AA		C	Washer (5mm)
56	QCNW-7120RCZZ	AE		C	Earth wire (Keyboard→Printer angle)
57	PRNGT6639BHZZ	AB		C	Key ring
58	PGUMM6696BHZZ	AE		D	Gum leg
59	CPWBF7432BH01	BA		E	RS232C I/F PWB unit
60	TLABZ6974BHZZ	AA		D	I/F sw label
61	LANGT7466RCZZ	AS		C	I/F Angle
62	QCNW-7721BHZZ	AQ		C	RS232C I/F cable
63	LX-HZ0056BHZZ	AA		C	Screw (3×10) (GUM LEG)
64	XJBSD30P14000	AA		C	Screw (3×14) (GUM LEG)
101	DUNT-1817BH01	AW		E	Lock key unit (Printer) (Include No.34,36,37,59)

2 Bottom cabinet etc.



4 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	VHIF256004PJ1	AG		B	IC (F256004PJ1) [IC5]
2	VHIF258016PC/	AZ		B	IC (F258016PC) [IC4]
3	VHIGD74HC86DS	AH	N	B	IC (GD74HC86) [IC1]
4	VHIM128F12SL	BN		B	IC (HM128F12SL) [IC10]
5	VHIH641510810	BA		B	IC (H641510810) [IC3]
6	VHIR9393N/-1	AD		B	IC (IR9393N) [IC15,21]
7	VHIMAX211CA11	AW		B	IC (MAX211CA1) [IC7]
8	VHIMC34063AM1	AG		B	IC (MC34063AM1) [IC20]
9	VHISN74HC00NS	AC		B	IC (GD74HC00) [IC8,22]
10	VHITD62308F-1	AH		B	IC (TD62308F) [IC16,19]
11	VHITD62503F-1	AF		B	IC (TD62503F) [IC18]
12	VHIUPD71051G/	AQ		B	IC (μ PD7105GB3) [IC6]
13	QFSHD2109AFZZ	AC		C	Fuse holder (HD2109AF) [F1,2]
14	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10 μ F) [C112,114,116,151,167]
16	RC-EZ476ARC1A	AF		C	Capacitor (10WV 47 μ F) [C36,80,100,119,165]
17	RC-EZ685ARC1C	AD		C	Capacitor (16WV 6.8 μ F) [C141]
18	RCILZ1003LCZ	AB		C	Coil (FLDR25C) [FB6,7,8,9,10,11,12,13,14,15,16]
19	RCORF6673RCZZ	AB		C	Ferrite bead (RD35C) [FB17,FIL9,18]
20	RFILN6012RCZZ	AB		C	EMI filter (1000pF) [FIL1,2,3,4,5,6,7,8]
21	RFILN6014RCZZ	AC		C	Filter (DNF3311) [FIL10,11,12,13,14,15,16,17]
22	VCEAGU1CW106M	AA		C	Capacitor (16WV 10 μ F) [C35,78,98,101,104,110,125,150]
23	VCEAGU1HW105M	AA		C	Capacitor (50WV 1 μ F) [C137]
24	VCEAGU2AW106M	AB		C	Capacitor (100WV 10 μ F) [C139]
25	VCEAGU2AW226M	AB		C	Capacitor (100WV 22 μ F) [C147]
26	VCQYNU1HM103K	AA		C	Capacitor (50WV 0.010 μ F) [C124]
27	VCQYNU1HM683K	AB		C	Capacitor (50WV 0.068 μ F) [C138]
28	VCTYPU1EX104M	AB		C	Capacitor (25WV 0.10 μ F) [C156]
29	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF) [C1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18]
	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF) [C19,20,21,22,23,24,25,26,27,28,29,30,31,32,47]
	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF) [C48,54,57,58,59,64,65,66,67,81,73,107,158,159]
	VCCCTV1HH101J	AA		C	Capacitor (50WV 100PF) [C160,166]
30	VCCCTV1HH221J	AA		C	Capacitor (50WV 220pF) [C132]
31	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF) [C37,38,39,43,44,45,46,53,55,56,60,61,62,63,68]
	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF) [C70,75,76,82,83,84,85,86,87,88,89,121,123,161]
	VCCCTV1HH331J	AA		C	Capacitor (50WV 330PF) [C162,163,164]
32	VCCCTV1HH470J	AA		C	Capacitor (50WV 47PF) [C52]
33	VHVICPS0.5/-1	AF		B	Varistor (ICPS0.5) [ICP]
34	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF) [C90,91,92,93,94,95,108,109,122,126,127,128]
	VCKYTV1HB102K	AA		C	Capacitor (50WV 1000PF) [C129,135,142,143,153,154,155,168,169,171]
35	VCKYTV1HB103K	AB		C	Capacitor (50WV 0.010 μ F) [C51,74,144,145]
36	VCKYTV1HB152K	AA		C	Capacitor (50WV 1500PF) [C148,149]
37	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10 μ F) [C33,34,50,77,79,96,97,99,102,103,105,106,111]
	VCKYTV1HF104Z	AA		C	Capacitor (50WV 0.10 μ F) [C113,115,117,120,130,133,134,157]
38	VHDSFPB54//--1	AC		B	Diode (SFPB54) [D10,19,20]
39	VHDSFPL52V/-1	AC		B	Diode (SFPL52V) [D14,15,16,17]
40	VHD1SS353//--1	AB		B	Diode (1SS353) [D1,2,4,5,6,8,11,12,13,18,21,22]
41	VHERD4.3MB1-1	AC		B	Zener diode (RD4.3MB1) [ZD1,3]
42	VHERD5.6PB/-1	AD		B	Zener diode (RD5.6PB) [ZD2]
43	VHERD6.2MB1-1	AC		B	Zener diode (RD6.2MB1) [ZD4]
44	VRS-TS2AD100J	AA		C	Resistor (1/10W 10 Ω $\pm$ 5%) [R114]
45	VRS-TS2AD101J	AA		C	Resistor (1/10W 100 Ω $\pm$ 5%) [R1,2,3,4,5,6,7,8,122,123,134]
46	VRS-TS2AD102J	AA		C	Resistor (1/10W 1.0K Ω $\pm$ 5%) [R35,36,37,38,84,85,86,87,88,89,90,91,92]
	VRS-TS2AD102J	AA		C	Resistor (1/10W 1.0K Ω $\pm$ 5%) [R93,94,103,104,130,153,154,155]
47	VRS-TS2AD103F	AA		C	Resistor (1/10W 10K Ω $\pm$ 1%) [R32]
48	VRS-TS2AD103J	AA		C	Resistor (1/10W 10K Ω $\pm$ 5%) [R9,10,11,12,13,14,15,16,17,21,22,23,24,25]
	VRS-TS2AD103J	AA		C	Resistor (1/10W 10K Ω $\pm$ 5%) [R26,33,34,39,40,41,42,43,44,45,46,47,48]
	VRS-TS2AD103J	AA		C	Resistor (1/10W 10K Ω $\pm$ 5%) [R49,50,51,52,53,55,56,57,58,59,60,61,62]
	VRS-TS2AD103J	AA		C	Resistor (1/10W 10K Ω $\pm$ 5%) [R63,64,65,66,67,68,71,72,74,75,76,77,78]
	VRS-TS2AD103J	AA		C	Resistor (1/10W 10K Ω $\pm$ 5%) [R79,80,81,82,83,120,121,125,148,149,150]
	VRS-TS2AD103J	AA		C	Resistor (1/10W 10K Ω $\pm$ 5%) [R151]
49	VRS-TS2AD104J	AA		C	Resistor (1/10W 100K Ω $\pm$ 5%) [R142]
50	VRS-TS2AD122F	AA		C	Resistor (1/10W 1.2K Ω $\pm$ 1%) [R31,113]
51	VRS-TS2AD132G	AA		C	Resistor (1/10W 1.3K Ω $\pm$ 2%) [R138]
52	VRS-TS2AD134F	AA		C	Resistor (1/10W 130K Ω $\pm$ 1%) [R152]
53	VRS-TS2AD182G	AA		C	Resistor (1/10W 1.8K Ω $\pm$ 2%) [R137]
54	VRS-TS2AD202J	AA		C	Resistor (1/10W 2K Ω $\pm$ 5%) [R97]
55	VRS-TS2AD220J	AA		C	Resistor (1/10W 22 Ω $\pm$ 5%) [R144]
56	VRS-TS2AD221J	AA		C	Resistor (1/10W 220 Ω $\pm$ 5%) [R111]
57	VRS-TS2AD223J	AA		C	Resistor (1/10W 22K Ω $\pm$ 5%) [R96]
58	VRS-TS2AD272J	AA		C	Resistor (1/10W 2.7K Ω $\pm$ 5%) [R115,128]
59	VRS-TS2AD273J	AA		C	Resistor (1/10W 27K Ω $\pm$ 5%) [R141]
60	VRS-TS2AD330J	AA		C	Resistor (1/10W 33 Ω $\pm$ 5%) [R110]
61	VRS-TS2AD332J	AA		C	Resistor (1/10W 3.3K Ω $\pm$ 5%) [R99]
62	VRS-TS2AD333J	AA		C	Resistor (1/10W 33K Ω $\pm$ 5%) [R107,127]
63	VRS-TS2AD362F	AA		C	Resistor (1/10W 3.6K Ω $\pm$ 1%) [R112]
64	VRS-TS2AD391J	AA		C	Resistor (1/10W 390 Ω $\pm$ 5%) [R145]
65	VRS-TS2AD470J	AA		C	Resistor (1/10W 47 Ω $\pm$ 5%) [FB1,2,3]
66	VRS-TS2AD472G	AA		C	Resistor (1/10W 4.7K Ω $\pm$ 2%) [R117]
67	VRS-TS2AD472J	AA		C	Resistor (1/10W 4.7K Ω $\pm$ 5%) [R28,29,30,100,105,106,129,132,147]
68	VRS-TS2AD473J	AA		C	Resistor (1/10W 47K Ω $\pm$ 5%) [R131]

4 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
69	VRS-TS2AD562J	AA		C	Resistor (1/10W 5.6K Ω $\pm$ 5%) [R108,135,136,143]
70	VRS-TS2AD563J	AA		C	Resistor (1/10W 56K Ω $\pm$ 5%) [R116,140]
71	VRS-TS2AD622J	AA		C	Resistor (1/10W 6.2K Ω $\pm$ 5%) [R101,102]
72	VRS-TS2AD623J	AA		C	Resistor (1/10W 62K Ω $\pm$ 5%) [R98]
73	VRS-TS2AD682J	AA		C	Resistor (1/10W 6.8K Ω $\pm$ 5%) [R139]
74	VRS-TS2AD912G	AA		C	Resistor (1/10W 9.1K Ω $\pm$ 2%) [R118,119]
75	VS2SA1036KQRC	AB		B	Transistor (2SA1036KQRC) [Q1,7]
76	VS2SC2412K/-1	AB		B	Transistor (2SC2412K) [Q6,8]
77	VS2SD1898//--1	AD		B	Transistor (2SD1898) [Q5]
78	LX-BZ6782BHZZ	AA		C	Screw (3 $\times$ 8KS) [HIT1]
79	PRDAF6650RCZB	AG		C	Heat sink [HIT1]
80	QCNCM1060AC03	AB		C	Connector (3pin) [SW1]
81	QCNCM1101BHZZ	AC		C	Connector (5273-2)(2P) [PSCN]
82	QCNCM2379RC0E	AC		C	Connector (5pin) [SLICN2]
83	QCNCM5278NCZZ	AC		B	Connector (3pin)(5046-03A) [DRCN1,2]
84	QCNCM6865RC2J	AD		C	Connector (20pin)(5267-20A) [SLICN1]
85	QCNCM6865BH1J	AD		C	Connector (10P)(5267-10A) [DSCN1]
86	QCNCM6926RC1H	AE		C	Connector (18pin)(53052-18) [DISPCN1]
87	QCNCM7071RC6H	AN		C	Connector (68pin) [OPTCN]
88	QCNCW1057ACZZ	AB		C	Connector (Short socket) [SW1]
89	QCNCW1084ACZZ	AG		C	Connector (9pin) [SIOC]
90	QCNCW7086RC5J	AK		C	Connector (50pin)(5061-050-51) [RAMCN]
91	QCNCW-7124RCZZ	AB		C	GND wire 2 (To switch angle) [GND,FGND]
92	QCNCW-7518RCZZ	AR		C	Printer cable [PRCN]
93	QFS-A1037CCZZ	AC		A	Fuse (1.5A)(MINI TYPE) [F2]
94	QFS-B0300QCZZ	AE		A	Fuse (1A 125V) [F1]
95	QSOCZ2042SC32	AE		C	IC socket (32pin) [IC9,11,12]
96	RALMB6640RCZZ	AF		B	Buzzer (SMX06) [BZ1]
97	RCILC6653BHZZ	AS		C	Coil [L1]
98	RCORF6674RCZZ	AB		C	Beads core (SA39) [FB5]
99	RCRSP6664RCZZ	AF		B	Crystal (19.66MHz) [X1]
100	RMPTC8103QCKB	AD		B	Block resistor (10K Ω $\times$ 8 1/8W $\pm$ 10%) [RA1,2,3]
101	RTRNH6783RCZZ	AN		B	Converter transformer [T1]
102	RVR-M2517QCZZ	AE		B	Variable resistor (200K Ω) [VR1]
103	VCEAGU1CW108M	AD		C	Capacitor (16WV 1000 μ F) [C131]
104	VCEAGU1HW227M	AC		C	Capacitor (50WV 220 μ F) [C146]
105	VCEAGU1HW477M	AD		C	Capacitor (50WV 470 μ F) [C136]
106	VHECRDE562/-1	AE		B	Zener diode (CRDE562) [D23]
107	VHISTA401A/-1	AP		B	IC (STA401) [IC13,14]
108	VH127040RAL1A	BM	N	B	IC (27040RAL1A) [IC9]
109	VHSDRA2TE//--1	AG		B	Thyristor (DRA2TE) [Q2]
110	VRD-RB2HY561J	AA		C	Resistor (1/2W 560 Ω $\pm$ 5%) [R146]
111	VRD-RC2EY392G	AA		C	Resistor (1/4W 3.9K Ω $\pm$ 2%) [R123]
112	VRD-RC2EY392J	AA		C	Resistor (1/4W 3.9K Ω $\pm$ 5%) [R95]
113	VRD-RC2EY470J	AA		C	Resistor (1/4W 47 Ω $\pm$ 5%) [FB4]
114	VRS-RE3AAR68J	AA		C	Resistor (1W 0.68 Ω $\pm$ 5%) [R126]
115	VSKTD1414//--1	AL	N	B	Transistor (KTD1414) [Q10,11]
116	VS2SB881-//--1	AH		B	Transistor (2SB881) [Q9]
117	VS2SC4153-//--1	AG		B	Transistor (2SC4153) [Q3,4]
118	XBSSD30P08000	AA		C	Screw (3 $\times$ 8) [HIT1]
119	XNESD30-24000	AA		C	Nut (N3 ZMC) [HIT1]
120	UBATN6639BHZZ	BC		B	Battery (170MA 2.4V) [BT1]
121	QCNCW-7628BHZZ	AE	N	C	B/T cable (U.S.A.)
122	QCNCW7081BHZZ	AB		C	B/T connector (2pin) (U.S.A.)
123	TLABG6935BHSA	AB		D	Battery label (Battery wire) (U.S.A.)
125	PGUMS6703BHZZ	AC		C	Battery gum sheet (U.S.A.)
(Unit)					
901	CPWBX7430BH01	CP	N	E	Main PWB unit
	CPWBX7430BH02	CP	N	E	Main PWB unit [U.S.A.]
	CPWBX7430BH03	CP	N	E	Main PWB unit [Canada]

5 Display PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	VH1H4728A75FS	AX		B	IC (CKDC4) [IC3]
2	VH1M66004FP-1	AY		B	IC (M66004FP) [IC4]
3	VH1GD4069D/-1	AG		B	IC (GD4069UBD) [IC1]
4	VH1GD74LS393D	AL		B	IC (74LS393D) [IC2]
5	VRD-HT2EY8R2J	AA		C	Resistor (1/4W 8.2 Ω $\pm$ 5%) [R12,13]
6	VRD-RC2EY105J	AA		C	Resistor (1/4W 1.0M Ω $\pm$ 5%) [R2]
7	VRD-RC2EY272J	AA		C	Resistor (1/4W 2.7K Ω $\pm$ 5%) [R14]
8	VRD-RC2EY221J	AA		C	Resistor (1/4W 220 Ω $\pm$ 5%) [R1]
9	VRD-RC2EY330J	AA		C	Resistor (1/4W 33 Ω $\pm$ 5%) [R3,4,5,6]
10	VRD-RC2EY472J	AA		C	Resistor (1/4W 4.7K Ω $\pm$ 5%) [R10,11]
11	VRD-RC2EY473J	AA		C	Resistor (1/4W 47K Ω $\pm$ 5%) [R7,8,9]
12	VHDDSS133HV-1	AA		B	Diode (DSS133HV) [D3]

5 Display PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
13	VHDEK04///-1	AD		B	Diode (EK04) [D1]
14	VHERD39EB7/-1	AB		B	Zener diode (RD39EB7) [ZD1]
15	RC-KZ1054CCZZ	AB		C	Capacitor (50WV 0.1 μ F) [C8,18,19,23]
16	RC-EZ106ARC1A	AD		C	Capacitor (10WV 10 μ F) [C1,2,21,22]
17	VCCCPU1HH150J	AA		C	Capacitor (50WV 15PF) [C3,4]
18	VCEAEU1CW106M	AA		C	Capacitor (16WV 10 μ F) [C20]
19	VCKYPU1HB102K	AA		C	Capacitor (50WV 0.0010 μ F) [C15,25]
20	VCKYPU1HB471K	AA		C	Capacitor (50WV 470pF) [C6,7,10,12,13,14,16,24]
21	RC-Z1N104RCZU	AB		C	Capacitor (16WV 0.10 μ F) [C5,17]
22	VCTYPU1EX223M	AB		C	Capacitor (25WV 0.022 μ F) [C9]
23	QCNCM6865RC0i	AC		C	Connector (9pin) [POP CN2]
24	QCNCM6865RC1A	AD		C	Connector (11pin) [POP CN1]
25	QCNCW-7599RCZA	AQ		C	Lead wire [KEYCN2]
26	QCNCW-7615RCZZ	AT		C	Display cable [DISPCN1,2]
27	QCNCW-7616RCZZ	AK		C	Key-display cable (7pin) [KEYCN1]
28	RFiLN6012RCZZ	AB		C	EMI filter (1000pF) [FL1,2]
29	RCSRSP6658RCZZ	AE		B	Crystal (32.768KHz) [X1]
30	RCSRZ6644RCZZ	AD		B	Crystal (4.19MHz) [X2]
31	RMPTC7104QCKB	AC		B	Block Resistor (100K Ω ×7 1/4W $\pm$ 10%) [RA1]
32	RMPTC4471RCHZ	AD		B	Capacitor array (470pF×4) [CA1]
33	RMPTC8104QCKB	AD		B	Block resistor (100K Ω ×8 1/8W $\pm$ 10%) [RA2]
34	RMPTC4104QCKB	AC		B	Block resistor (100K Ω ×4 1/8W $\pm$ 10%) [RA3]
35	LBNDJ2003SCZZ	AA		C	Band,wire (Large)
36	PSPAG67298HZZ	AD		C	DISP. spacer
37	VVD16MD08GK-1	BE		B	Display tube
	(Unit)				
901	CPWBN7431BH02	CA		E	Display PWB unit

6 Power supply PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	LBNDJ6638BHZZ	AA		C	Nylon band (100mm)
2	LX-BZ6782BHZZ	AA		C	Screw (3×8KS)
3	PRDAF6651RCZA	AG		C	Heat sink
4	QCNCM1101BHZZ	AC		C	Connector (5273-2)(2P) [PS CN]
5	QCNCW-7575RCZZ	AE		C	PS cable (2pin)
6	QCNCW-7640RCZZ	AC		C	GND wire 1
7	QFS-B0322QCZZ	AC		A	Fuse (UL125V 3.15A) [F1]
8	QFSHD2109AFZZ	AC		C	Fuse holder (HD2109AF) [F1]
9	RC-EZ688NRC1J	AQ		C	Capacitor (63WV 6800 μ F) [C1]
10	RCiLC6652RCZZ	AK		C	Coil (MC182-201M) [L1]
12	VCEAGU1VW228M	AG		C	Capacitor (35WV 2200 μ F) [C2]
13	VQYNA2AM103K	AA		C	Capacitor (100WV 0.010 μ F) [C3]
14	VHDCP301///-1	AL		B	Diode (CP301) [DB1]
15	VHISTR2124/-1	AR		B	IC (STR2124) [IC1]
16	VRD-RC2EY223G	AA		C	Resistor (1/4W 22K Ω $\pm$ 2%) [R2]
17	XNESD30-24000	AA		C	Nut (3mm)
18	XBPSD30P15KS0	AA		C	Screw (3×15KS)
	(Unit)				
901	CPWBF7290BH09	BM	N	E	Power supply PWB unit

7 Noise filter PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	RTRNP6871BHZZ	BG		B	Power transformer
2	QCNCW-7356RCZZ	AF		C	PS cable
3	QFS-B1039CCZZ	AD		A	Fuse (125V 1.5A) [F1]
4	QFSHD2109AFZZ	AC		C	Fuse holder (HD2109AF) [F1]
5	RC-FZ1041RC2E	AE		C	Capacitor (250WV 0.1 μ F) [C1]
6	RC-FZ2241RC2E	AE		C	Capacitor (250WV 0.22 μ F) [C2]
7	RCiLC6654RCZZ	AK		C	Coil (PLAC5020R6) [L1]
8	VRD-RB2HY394J	AA		C	Resistor (1/2W 390K Ω $\pm$ 5%) [R1]
	(Unit)				
901	CPWBF7288BH08	BN		E	Noise filter PWB unit

9	RS232C I/F PWB unit
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10 Articles for consumption

11 Special service tools and service options

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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
[C]				
CKOG-6708RCZZ	11- 1	BU		S
CPWBF7136BH01	1- 5	BL		E
"	8- 901	BL		E
CPWBF7288BH08	2- 2	BN		E
"	7- 901	BN		E
CPWBF7290BH09	2- 24	BM	N	E
"	6- 901	BM	N	E
CPWBF7385BH01	1- 53	BT		E
CPWBF7432BH01	2- 61	BA		E
"	9- 901	BA		E
CPWBN7431BH02	1- 15	CA		E
"	5- 901	CA		E
CPWBX7430BH01	4- 901	CP	N	E
CPWBX7430BH02	2- 23	CP	N	E
"	4- 901	CP	N	E
CPWBX7430BH03	2- 23	CP	N	E
"	4- 901	CP	N	E
[D]				
DKIT-8643RCZZ	11- 7	BG		S
DPAPR1006CSZZ	10- 1	AR		S
DUNT-1817BH01	2- 101	AW		E
DUNT8296RCZZ	11- 31	BC		S
DUNT89161BHZZ	1- 501	BS		E
[G]				
GCAB-7143RCZZ	1- 4	AH		D
GCABA7142RCZA	2- 30	BD		D
GCABA7142RCZA	2- 30	BB		D
GCABB7141RCZA	1- 9	AY		D
GCABB7141RCZZ	1- 9	AY		D
GCÖVA7038RCBA	1- 1	AS		D
GCÖVA7038RCZB	1- 1	AQ		D
GCÖVA7039RCZA	1- 3	AM		D
GCÖVA7039RCZZ	1- 3	AM		D
GCÖVA7040RCZA	2- 31	AQ		D
GCÖVA7040RCZZ	2- 31	AQ		D
GCÖVB7041RCZZ	1- 46	AY		D
GCÖVB7042RCZZ	1- 50	AW		D
GCÖVB7047RCZZ	11- 4	AY		S
GFTAF6770RCZA	2- 40	AC		D
GFTAF6770RCZZ	2- 40	AC		D
GFTAS6769RCZA	2- 29	AC		D
GFTAS6769RCZZ	2- 29	AC		D
[H]				
HPNLC6818BHSL	1- 11	AP		D
[J]				
JKNBZ6882BHZZ	1- 40	AE		C
[K]				
KI-ÖB6754RCZZ	2- 3	CB		E
[L]				
LANGQ7472RCZA	2- 22	AE		C
LANGQ7476RCZA	2- 11	AF		C
LANGT7465RCZZ	1- 23	AK		C
LANGT7466RCZC	2- 63	AS		C
"	9- 4	AS		C
LANGT7505RCZZ	1- 16	AM		C
LBNDJ0005FCZZ	1- 34	AB		C
LBNDJ2003SCZZ	1- 12	AA		C
"	5- 35	AA		C
"	8- 1	AA		C
"	9- 7	AA		C
LBNDJ2004BHZZ	1- 41	AB		C
LBNDJ6638BHZZ	6- 1	AA		C
LCHSM6692RCZZ	2- 39	AV		C
LFRM-6689BHZZ	1- 51	AX		C
LHLDK6813RCZA	2- 15	AE		C
LHLDK6813RCZZ	2- 15	AE		C
LHLDW0007SCZZ	2- 18	AA		C
LHLDW0008SCZZ	2- 26	AA		C
LHLDW0024SCZZ	1- 31	AA		C
"	2- 28	AA		C
LHLDW6820BHZZ	1- 55	AE		C
LKGIM7110RCZZ	1- 24	AG		B
"	3- 5	AG		B
LKGIM7111RCZZ	1- 24	AG		B
"	3- 5	AG		B
LKGIM7113RCZZ	11- 3	AK		B
LKGIM7126RCZZ	11- 5	AL		B
LKGIM7129RCZZ	1- 24	AE		B
"	3- 5	AE		B

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
LKGIM7331BHZZ	3- 6	AE		B
LKGIM7356BHZZ	2- 37	AK		B
"	3- 7	AK		B
LKGIW7256RCZZ	1- 25	AP		B
LKGIW7355BHZA	2- 34	AV		B
LX-BZ6773RCZZ	11- 33	AA		C
LX-BZ6782BHZZ	1- 17	AA		C
"	4- 78	AA		C
"	6- 2	AA		C
"	9- 5	AA		C
LX-HZ0056BHZZ	2- 65	AA		C
LX-LZ5001CHZZ	2- 48	AC		C
[M]				
MSPRK6730BHZZ	2- 36	AC		C
[P]				
PCUSG1220BHZZ	2- 9	AE		C
PFI LW6923BHSG	1- 6	AR		D
PFI LW6924BHSG	1- 10	AQ	N	D
PFI LW6925RCZZ	1- 2	AK		D
PFI LW6926RCZZ	1- 14	AD		D
PGUMM6696BHZZ	2- 60	AE		D
PGUMM6699RCZZ	2- 5	AB		C
PGUMM6710BHZZ	1- 52	AR		C
PGUMS6703BHZZ	4- 125	AC		C
PHÖG-1060CCZZ	1- 38	AA		C
PRBN-6640RCZZ	10- 2	AX		S
PRDAF6650RCZB	4- 79	AG		C
PRDAF6651RCZA	6- 3	AG		C
PRNGT6639BHZZ	2- 59	AB		C
PSHEK6777RCZZ	10- 4	AC		S
PSHEK6820BHZZ	1- 47	AR		D
PSHEK6821BHZZ	1- 48	AK		D
PSHEK6822BHZZ	10- 4	AR		S
PSHEK6823BHZZ	10- 4	AK		S
PSHEP6789BHZZ	2- 13	AP		C
PSHEP6812BHZZ	3- 3	AF		D
PSPAG6729BHZZ	1- 7	AD		C
"	5- 36	AD		C
PSTM-6780RC01	2- 4	AR		C
[Q]				
QACCD8411QCZZ	2- 16	AN		B
QCNCM1060AC03	4- 80	AB		C
QCNCM1101BHZZ	4- 81	AC		C
"	6- 4	AC		C
QCNCM2379RC0E	4- 82	AC		C
QCNCM5278NCZZ	4- 83	AC		B
QCNCM6865BH1J	4- 85	AD		C
"	9- 1	AD		C
QCNCM6865RC0i	5- 23	AC		C
QCNCM6865RC1A	5- 24	AD		C
QCNCM6865RC2J	4- 84	AD		C
QCNCM6926RC1H	4- 86	AE		C
QCNCM7071RC6H	4- 87	AN		C
QCNCM7125BH0i	9- 2	AN		C
QCNCW1057ACZZ	4- 88	AB		C
QCNCW1084ACZZ	4- 89	AG		C
QCNCW6918BH09	8- 2	AP		C
QCNCW6918BH11	8- 3	AR		C
QCNCW7081BHZZ	4- 122	AB		C
QCNCW7086RC5J	4- 90	AK		C
QCNCW-7049RCZZ	11- 32	AD		C
QCNCW-7120RCZZ	1- 39	AE		C
"	2- 56	AE		C
QCNCW-7122RCZZ	2- 10	AD		C
QCNCW-7124RCZZ	4- 91	AB		C
QCNCW-7125RCZZ	2- 8	AD		C
QCNCW-7356RCZZ	7- 2	AF		C
QCNCW-7434RCZZ	1- 29	AC		C
QCNCW-7518RCZZ	2- 43	AR		C
"	4- 92	AR		C
QCNCW-7575RCZZ	2- 42	AE		C
"	6- 5	AE		C
QCNCW-7592RCZZ	2- 41	AD		C
QCNCW-7599RCZA	5- 25	AQ		C
QCNCW-7615RCZZ	1- 36	AT		C
"	5- 26	AT		C
QCNCW-7616RCZZ	5- 27	AK		C
QCNCW-7628BHZZ	4- 121	AE	N	C
QCNCW-7640RCZZ	6- 6	AC		C
QCNCW-7683BHZZ	2- 33	AC		C

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
QCNW-7684BHZZ	2- 54	AD		C
QCNW-7721BHZZ	2- 64	AQ		C
QCNW-7722BHZZ	1- 43	BA		C
QFS-A1037CGZZ	4- 93	AC		A
QFS-B0300QCZZ	4- 94	AE		A
QFS-B0322QCZZ	6- 7	AC		A
QFS-B1039CCZZ	7- 3	AD		A
QFSHD2109AFZZ	4- 13	AC		C
//	6- 8	AC		C
//	7- 4	AC		C
QSOCZ2042SC32	4- 95	AE		C
QSW-S6850BHZZ	1- 28	AM		B
QSW-S6894BHZZ	9- 3	AK		B
QSW-Z6871BHZZ	1- 502	AZ		B
QTANP0004BHZZ	2- 20	AE	N	C
QTANP1094CCZZ	2- 14	AA		C
[R]				
RALMB6640RCZZ	4- 96	AF		B
RC-EZ106ARC1A	4- 14	AD		C
//	5- 16	AD		C
RC-EZ476ARC1A	4- 16	AF		C
RC-EZ685ARC1C	4- 17	AD		C
RC-EZ688NRC1J	6- 9	AQ		C
RC-FZ1041RC2E	7- 5	AE		C
RC-FZ2241RC2E	7- 6	AE		C
RC-KZ1054CCZZ	5- 15	AB		C
RC-Z1N104RCZU	5- 21	AB		C
RCiLC6652RCZZ	6- 10	AK		C
RCiLC6653BHZZ	4- 97	AS		C
RCiLC6654RCZZ	7- 7	AK		C
RCiLZ1003LCZZ	4- 18	AB		C
RCORF1016LCZZ	1- 20	AL		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- 19	AB		C
RCORF6674RCZZ	4- 98	AB		C
RCORF6683RCZZ	1- 18	AM		C
RCRSP6658RCZZ	5- 29	AE		B
RCRSP6664RCZZ	4- 99	AF		B
RCRSZ6644RCZZ	5- 30	AD		B
RFiLN6012RCZZ	4- 20	AB		C
//	5- 28	AB		C
RFiLN6014RCZZ	4- 21	AC		C
RMPTC4104QCKB	5- 34	AC		B
RMPTC7104QCKB	5- 31	AC		B
RMPTC8103QCKB	4- 100	AD		B
RMPTC8104QCKB	5- 33	AD		B
RMPTE4471RCHZ	5- 32	AD		B
RTRNH6783RCZZ	4- 101	AN		B
RTRNP6871BHZZ	7- 1	BG		B
RVR-M2517QCZZ	4- 102	AE		B
[S]				
SPAKA8216RCZA	3- 2	AQ		D
SPAKA8217RCZA	3- 4	AQ		D
SPAKC8218BHSF	3- 1	AZ		D
SPAKC8218BHSF	3- 1	AZ		D
SSAKH3012CCZZ	3- 8	AA		D
SSAKH3015CCZZ	3- 13	AA		D
SSAKH4231CCZZ	3- 15	AA		D
[T]				
TCADH6788BHZZ	3- 16	AC		D
TCADH6795BHZZ	3- 16	AC		D
TCAUZ6685BHZZ	1- 37	AD		D
TCAUZ6687BHZZ	1- 37	AD		D
TiNSE7311BHZZ	3- 10	AU	N	D
TiNSK7322BHZZ	3- 10	AX	N	D
TLABG6935BHSA	4- 123	AB		D
TLABZ6974BHZZ	2- 62	AA		D
//	9- 6	AA		D
[U]				
UBATN6639BHZZ	4- 120	BC		B
UBNDA1008CCZZ	3- 101	AA		C
UiNK-1001CCZZ	3- 9	AK		S
//	10- 3	AK		S
UKOG-6704RCZZ	11- 2	AV		S
[V]				
VCCCPUIHH150J	5- 17	AA		C

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
VCCCTV1HH101J	4- 29	AA		C
//	4- 29	AA		C
//	4- 29	AA		C
//	4- 29	AA		C
VCCCTV1HH221J	4- 30	AA		C
VCCCTV1HH331J	4- 31	AA		C
//	4- 31	AA		C
//	4- 31	AA		C
VCCCTV1HH470J	4- 32	AA		C
VCEAEU1CW106M	5- 18	AA		C
VCEAGU1CW106M	4- 22	AA		C
VCEAGU1CW108M	4- 103	AD		C
VCEAGU1HW105M	4- 23	AA		C
VCEAGU1HW227M	4- 104	AC		C
VCEAGU1HW477M	4- 105	AD		C
VCEAGU1VW228M	6- 12	AG		C
VCEAGU2AW106M	4- 24	AB		C
VCEAGU2AW226M	4- 25	AB		C
VCKYPU1HB102K	5- 19	AA		C
VCKYPU1HB471K	5- 20	AA		C
VCKYTV1HB102K	4- 34	AA		C
//	4- 34	AA		C
VCKYTV1HB103K	4- 35	AB		C
VCKYTV1HB152K	4- 36	AA		C
VCKYTV1HF104Z	4- 37	AA		C
//	4- 37	AA		C
VCQYNA2AM103K	6- 13	AA		C
VCQYNU1HM103K	4- 26	AA		C
VCQYNU1HM683K	4- 27	AB		C
VCTYPU1EX104M	4- 28	AB		C
VCTYPU1EX223M	5- 22	AB		C
VHDCP301///-1	6- 14	AL		B
VHDDSS133HV-1	5- 12	AA		B
VHDEK04///-1	5- 13	AD		B
VHDSFPB54///-1	4- 38	AC		B
VHDSFPL52V/-1	4- 39	AC		B
VHD1SS353///-1	4- 40	AB		B
VHECRDE562/-1	4- 106	AE		B
VHERD39EB7/-1	5- 14	AB		B
VHERD4.3MB1-1	4- 41	AC		B
VHERD5.6PB/-1	4- 42	AD		B
VHERD6.2MB1-1	4- 43	AC		B
VHiF256004PJ1	4- 1	AG		B
VHiF258016PC/	4- 2	AZ		B
VHiGD4069D/-1	5- 3	AG		B
VHiGD74HC86DS	4- 3	AH	N	B
VHiGD74LS393D	5- 4	AL		B
VHiHM128F12SL	4- 4	BN		B
VHiH4728A75FS	5- 1	AX		B
VHiH641510810	4- 5	BA		B
VHiI9393N/-1	4- 6	AD		B
VHiMAX211CA11	4- 7	AW		B
VHiMC34063AM1	4- 8	AG		B
VHiM66004FP-1	5- 2	AY		B
VHiSN74HC00NS	4- 9	AC		B
VHiSTA401A/-1	4- 107	AP		B
VHiSTR2124/-1	6- 15	AR		B
VHiTD62308F-1	4- 10	AH		B
VHiTD62503F-1	4- 11	AF		B
VHiUPD71051G/	4- 12	AQ		B
VHi27040RAL1A	4- 108	BM	N	B
VHSDRA2TE///-1	4- 109	AG		B
VHViCPS0.5/-1	4- 33	AF		B
VRD-HT2EY8R2J	5- 5	AA		C
VRD-RB2HY394J	7- 8	AA		C
VRD-RB2HY561J	4- 110	AA		C
VRD-RC2EY105J	5- 6	AA		C
VRD-RC2EY221J	5- 8	AA		C
VRD-RC2EY223G	6- 16	AA		C
VRD-RC2EY272J	5- 7	AA		C
VRD-RC2EY330J	5- 9	AA		C
VRD-RC2EY392G	4- 111	AA		C
VRD-RC2EY392J	4- 112	AA		C
VRD-RC2EY470J	4- 113	AA		C
VRD-RC2EY472J	5- 10	AA		C
VRD-RC2EY473J	5- 11	AA		C
VRS-RE3AAR68J	4- 114	AA		C
VRS-TS2AD100J	4- 44	AA		C
VRS-TS2AD101J	4- 45	AA		C
VRS-TS2AD102J	4- 46	AA		C

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SHARP CORPORATION
Information Systems Group
Quality & Reliability Control Center
Yamatokoriyama, Nara 639-11, Japan
1995 May Printed in Japan ©