

Fax Option Type 1232
G3 Interface unit Type 1232
ISDN Option Type 1232
Fax Function Unit Type 185
(B502/B503/B504/A892)

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G3 Interface unit Type 1232
ISDN Option Type 1232
Fax Function Unit Type 185
(B502/B503/B504/A892)

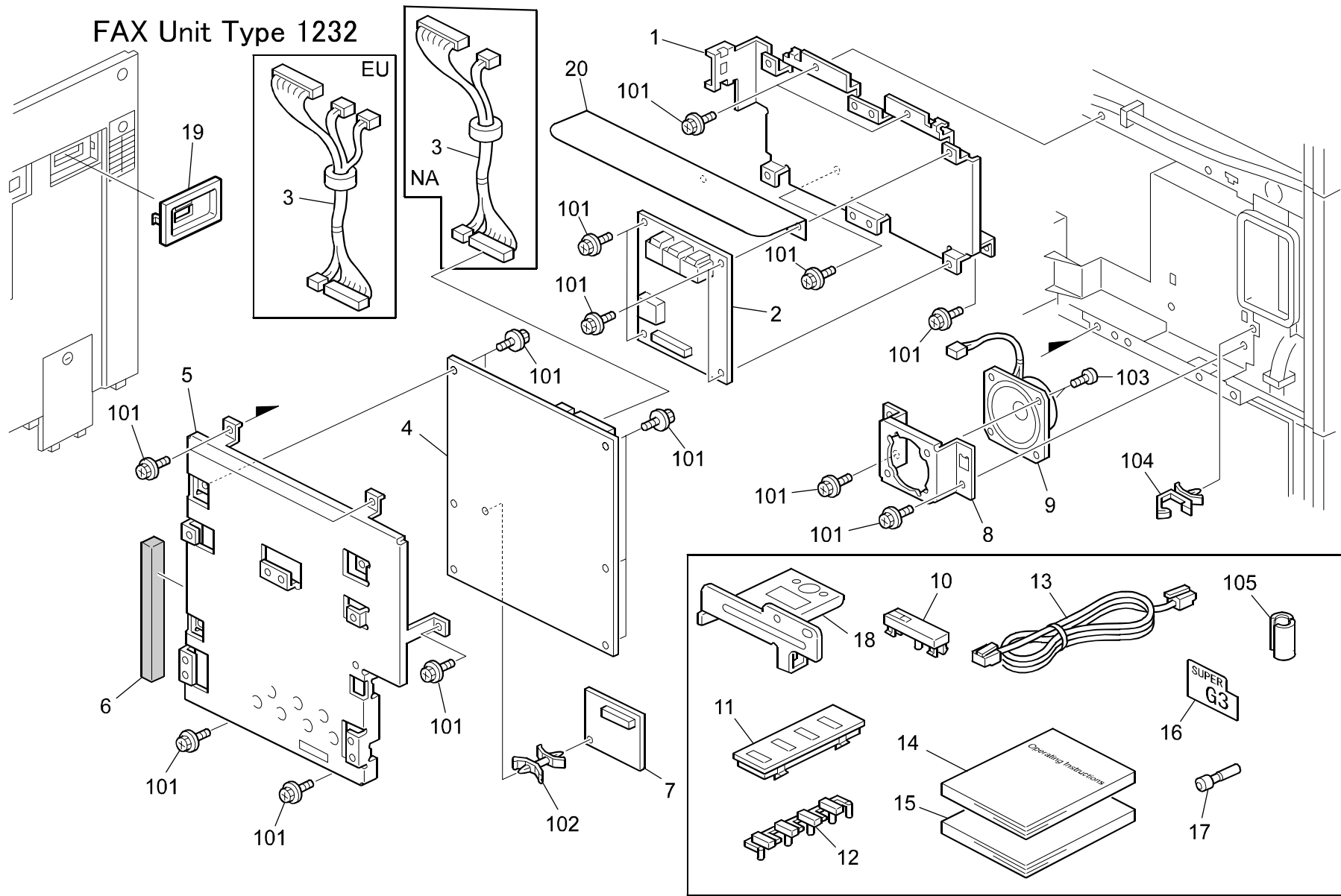
PARTS CATALOG

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July ,25 ' 2002

1.FAX UNIT (B502)



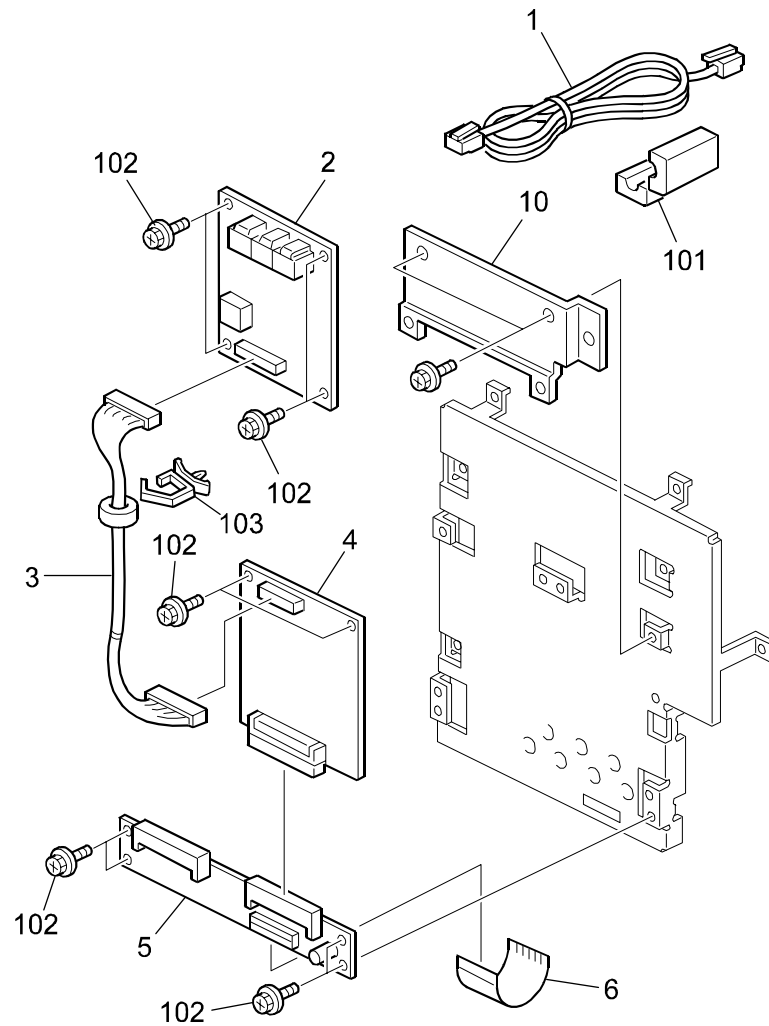
1.FAX UNIT (B502)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B051 5857	NCU Bracket	1
2	5488 6122	NCU Board - 115V	1
2	B418 5195	NCU - NE2A Board (230V)	1
2	B418 5197	NCU Board - Taiwan	1
3	B057 5270	FCU-NCUSP Harness - 120V	1
3	B502 5271	FCU-NCUSP Harness - 230V TWN	1
4	B502 5172	FCU Board - 120V	1
4	B502 5173	FCU Board - 230V TWN	1
5	B051 5870	Fax Control Unit Bracket	1
6	B051 5875	Gasket - Fax Control Unit	1
7	B502 5181	MBU Board - 120V	1
7	B502 5182	MBU Board - 230V TWN	1
8	B051 5858	Speaker Bracket	1
9	G025 1211	Speaker - GS	1
10	G570 2065	Keytop SW - Fax (Letter)	1
10	G570 2075	Keytop SW - Fax (Symbol)	1
11	G570 2069	Keytop Cover - Right	1
11	B502 7180	Right Cover keytop - TAIWAN	1
12	G570 1970	Keytop - Right	1
13	H523 5350	Telephone Cable	1
14	B502 8607	Operating Instructions - LT English 1	1
14	B502 8608	Operating Instructions - Asia Engli 1	1
14	B502 8609	Operating Instructions - Taiwanese 1	1
15	B502 8657	Operating Instructions - LT English 2	1
15	B502 8658	Operating Instructions - Asia Engli 2	1
15	B502 8659	Operating Instructions - Taiwanese 2	1
16	B404 3861	SG3 Decal	1
17	H511 5007	Stamp	1
18	B404 5821	Handset Bracket (USA Only)	1
19	B502 1350	Line & Tel Cap	1
20	B502 5800	NCU Insulating Sheet (EU & ASIA)	1

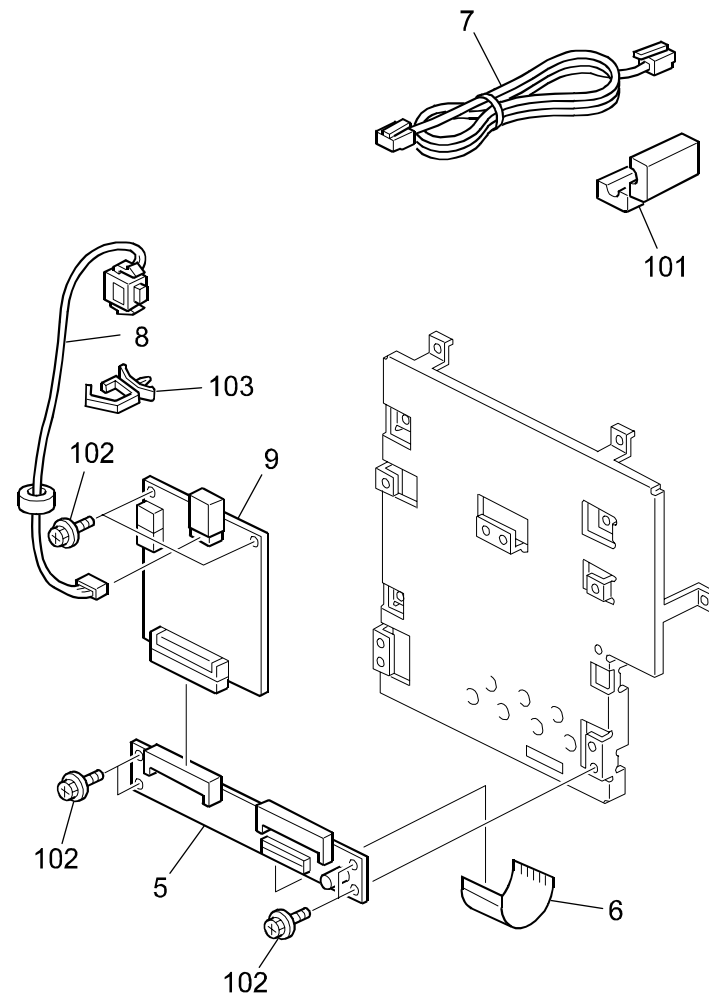
Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	1105 0441	Spacer - 8mm	
103	0453 3006B	Tapping Screw - M3x6	
104	1105 0487	Harness Clamp	
105	1607 0576	Sleeve Core - SFC-8 (EU & ASIA)	

2.G3/ISDN UNIT (B503/B504)

G3 Unit Type 1232



ISDN Unit Type 1232



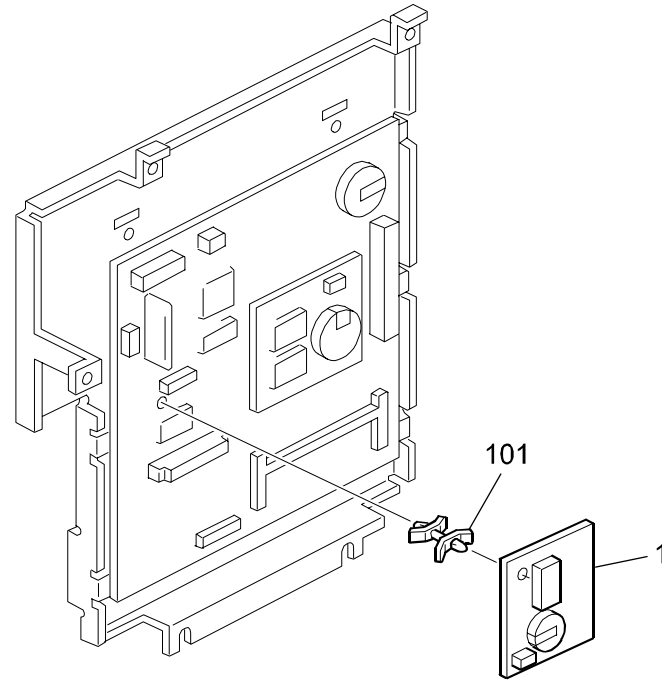
2.G3/ISDN UNIT (B503/B504)

Index No.	Part No.	Description	Q'ty Per Assembly
1	H523 5350	Telephone Cable	1
2	5488 6222	NCU-FD-U2 Board – 120V	1
2	5488 6292	NCU-FD-EA2T Board - 230V TWN	1
3	B503 5275	EXNCU-FD Harness	1
4	H310 6185	SG3-D Board	1
5	B503 5165	CCU Interface Board	1
6	B503 5272	FCU-CCU IF Harness	1
7	H309 5200	Moduler Cord ISDN Ass'y	1
8	B504 5275	G4 Connecting Harness - 120V	1
8	B504 5276	G4 Connecting Harness - 230V TWN	1
9	H547 6185	SIG4 Board - 120V	1
9	H547 6175	SIG4 Board - 230V	1
10	B503 5500	G3 Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1607 0576	Sleeve Core - SFC-8	
102	0451 3006B	Tapping Screw - M3x6	
103	1105 0487	Harness Clamp	

3.FAX FUNCTION UPGRADE (A892)

Fax Function Update Type 185



3.FAX FUNCTION UPGRADE (A892)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A285 5170	PCB - EXFN Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0441	Spacer - 8mm	

4.FCU BOARD (B502)

BAT

SYMBOL NO.	INDEX NO.
BAT1	112

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	212
C2	148
C3	212
C4	148
C5	148
C6	212
C7	212
C8	199
C9	197
C10	199

SYMBOL NO.	INDEX NO.
C11	144
C12	212
C13	203
C14	212
C15	204
C16	143
C17	197
C18	212
C19	212
C20	212

SYMBOL NO.	INDEX NO.
C21	197
C22	197
C23	212
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C29	212
C30	212

SYMBOL NO.	INDEX NO.
C32	212
C33	212
C34	212
C34	207
C36	212
C37	209
C38	197
C39	212
C40	212

SYMBOL NO.	INDEX NO.
C41	212
C42	201
C43	201
C44	201
C45	207
C46	212
C47	202
C48	140
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SYMBOL NO.	INDEX NO.
C51	211
C52	212
C53	211
C54	146
C55	151
C56	201
C57	201
C58	212
C59	212
C60	198

CAPACITOR

SYMBOL NO.	INDEX NO.
C61	145
C62	141
C63	212
C64	212
C65	212
C66	212
---	---
C68	212
C69	212
C70	212

SYMBOL NO.	INDEX NO.
C71	202
C72	151
C73	212
C74	142
C75	212
C76	142
C77	212
C78	212
C79	212
C80	212

SYMBOL NO.	INDEX NO.
C81	211
C82	212
C83	212
C84	212
C85	212
C86	207
C87	207
C88	211
C89	211
C90	211

SYMBOL NO.	INDEX NO.
C91	211
C92	212
C93	212
C94	211
C95	212
C96	212
C97	207
C98	207
C99	207
C100	212

SYMBOL NO.	INDEX NO.
C101	212
C102	212
C103	208
---	---
C105	212
C106	212
C107	147
C108	212
C109	147
C110	209

SYMBOL NO.	INDEX NO.
C111	147
C112	212
C113	212
C114	212
C115	212
C116	207
C117	207
C118	207
C119	212
C120	207

SYMBOL NO.	INDEX NO.
C121	202
C122	212
C123	202
C124	202
C125	212
C126	212
C127	205
C128	212
C129	211
C130	212

4.FCU BOARD (B502)

CAPACITOR

SYMBOL NO.	INDEX NO.
C131	212
C132	212
C133	212
C134	212
C135	212
C136	210
C137	212
C138	212
C139	212
---	---

SYMBOL NO.	INDEX NO.
C141	212
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C144	212
C145	211
C146	202
C147	202
C148	202
C149	202
C150	202

SYMBOL NO.	INDEX NO.
C151	202
C152	202
C153	212
C154	212
C155	212
C156	149
C157	212
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---	---
C160	212

SYMBOL NO.	INDEX NO.
C161	207
C161	211
C163	211
C164	211
C165	211
C166	206
C167	206
C168	211
C169	211

SYMBOL NO.	INDEX NO.
C171	211
C172	152
C172	150
C173	207
C174	211
C175	207
C176	212
C177	211
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CONNECTOR

SYMBOL NO.	INDEX NO.
CN600	107
CN601	106
CN602	110
CN603	105
---	---
---	---
CN610	102
CN611	101
CN612	109

SYMBOL NO.	INDEX NO.
CN612	104
---	---
---	---
CN615	103
CN622	108

DIODE

SYMBOL NO.	INDEX NO.
D2	120
D3	120
D4	122
D5	119
D6	120
D7	120
D8	118
D9	120

FIL

SYMBOL NO.	INDEX NO.
FIL1	154
FIL2	157
FIL3	157
FIL4	157
FIL5	157
FIL6	157
FIL7	157
FIL8	157
FIL9	154
FIL10	157

IC

SYMBOL NO.	INDEX NO.
IC1	129
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---	---
---	---
---	---
IC7	133
IC8	3
IC9	213
---	---

SYMBOL NO.	INDEX NO.
---	---
IC12	1
---	---
IC14	2
IC15	127
IC16	130
IC17	131
IC18	132
---	---
IC20	129

SYMBOL NO.	INDEX NO.
IC21	126
IC22	125
IC23	129
---	---
IC25	125

JP

SYMBOL NO.	INDEX NO.
JP1	184
JP2	184
---	---
---	---
JP5	184
JP6	184
JP7	184
---	---
JP9	184
JP10	184
JP11	184

L

SYMBOL NO.	INDEX NO.
L2	156
L3	155
L4	155
L5	153

LED

SYMBOL NO.	INDEX NO.
LED1	123
LED2	124

4.FCU BOARD (B502)

OSC

SYMBOL NO.	INDEX NO.
OSC1	135
---	---
OSC3	134

Q

SYMBOL NO.	INDEX NO.
Q1	114
Q2	116
---	---
Q4	113
Q5	113
Q6	115
Q7	116
Q8	117
Q9	116

RESISTOR

SYMBOL NO.	INDEX NO.
R1	161
R2	162
R3	162
R4	180
R5	188
R6	189
R7	194
R8	196
R9	189
R10	194

SYMBOL NO.	INDEX NO.
R11	166
R12	161
R13	161
R14	195
R15	180
R16	186
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SYMBOL NO.	INDEX NO.
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---	---
---	---
---	---
R25	175
R26	166
R27	175
R28	175
R29	179
R30	167

SYMBOL NO.	INDEX NO.
R31	164
---	---
---	---
R34	190
R35	166
---	---
---	---
R38	175
R39	175
R40	166

SYMBOL NO.	INDEX NO.
R41	164
R42	171
R43	175
R44	175
R45	163
R46	175
R47	175
R48	179
R49	175
R50	167

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
R52	166
R53	166
R54	166
R55	168
R56	183
R57	181
R58	181
R59	173
R60	167

SYMBOL NO.	INDEX NO.
R61	173
R62	172
R63	182
R64	187
R65	187
R66	164
R67	181
R68	181
R69	181
R70	181

SYMBOL NO.	INDEX NO.
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---	---
R73	165
R74	159
R75	178
---	---
R77	175
---	---
R79	191
R80	158

SYMBOL NO.	INDEX NO.
R81	174
---	---
R83	164
R84	166
---	---
R86	200
R87	166
R88	167
R89	160
R90	167

SYMBOL NO.	INDEX NO.
R91	170
R92	170
R93	169
R94	173
R95	166
R96	167
R97	166
R98	179
R99	179
R100	173

SYMBOL NO.	INDEX NO.
R101	177
R102	177
R103	166
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---	---
---	---
R107	175
R108	175
R109	175
R110	175

SYMBOL NO.	INDEX NO.
R111	175
R112	175
R113	175
R114	175
R115	167
R116	167
R117	167
R118	175
R119	175
R120	175

4.FCU BOARD (B502)

RESISTOR

SYMBOL NO.	INDEX NO.
R121	167
R122	172
R123	164
R124	176
R125	179
---	---
R126	193
R126	192
R127	185
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
R138	175
R139	172
R140	172

SYMBOL NO.	INDEX NO.
R141	176
R142	164
R143	166
R144	163
R145	166
---	---
R147	175
R148	166
R149	163
R150	166

SYMBOL NO.	INDEX NO.
R151	175
R152	165
R153	175
R154	166
R155	166
---	---
R156	166
R157	167
R158	167
R159	167
R160	167

SYMBOL NO.	INDEX NO.
R161	166
R162	167

REG

SYMBOL NO.	INDEX NO.
REG1	128

RN

SYMBOL NO.	INDEX NO.
RN1	137
RN2	137
RN3	137
RN4	137
RN5	137
---	---
RN6	137
RN7	137
RN8	137
RN9	137
RN10	137

SYMBOL NO.	INDEX NO.
RN11	137
RN12	137
RN13	137
RN14	136
RN15	136
---	---
RN16	138
RN17	137
RN18	137
RN19	137
RN20	137

RN

SYMBOL NO.	INDEX NO.
RN21	137
RN22	137
RN23	137
RN24	137
---	---
---	---
---	---
---	---
---	---
RN30	137

SYMBOL NO.	INDEX NO.
RN31	137
RN32	137
RN33	137
RN34	136
RN35	136
---	---
RN37	139
RN38	139
RN39	139
RN40	139

SYMBOL NO.	INDEX NO.
RN41	139
RN42	139
RN43	139
RN44	139
RN45	139
---	---
RN46	139
RN47	136
RN48	136
RN49	136

SW

SYMBOL NO.	INDEX NO.
SW1	111

ZD

SYMBOL NO.	INDEX NO.
ZD1	121

4.FCU BOARD (B502)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B502 5172	FCU Board - 120V	1
*	B502 5173	FCU Board - 230V TWN	1
1	B028 5510	IC - FACE2	1
2	B057 5570	IC - FBI2	1
3	H306 7103	IC - HICRW2	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4204	CT Header - 5P	
102	1102 4212	CT Header - 15P	
103	1102 4464	CT Header(h) - 6P	
104	1102 4619	Connector - 2P	
105	1102 7389	Connector - FH12-50S-0.5SV	
106	1102 7455	Connector - FX6-60S-0.8SV2	
107	1102 7778	Connector - TX25-80P-12ST-	
108	1102 7907	Connector - FPC	
109	1102 8089	Connector - 53493-0801	
110	1102 8189	DIMM Connector - 54534-1440	
111	1204 2373	Key Board Switch - SKQDPA	
112	1206 0084	Lithium Cell-VL2330/1HF	
113	1400 0398	Transistor - 2SC2412K	
114	1400 0637	Transistor - DTC144EUA	
115	1400 0769	Transistor - 2SA1576A	
116	1400 0822	Transistor - 2SA1900	
117	1401 1116	Transistor - 2SC5053	
118	1402 1058	Diode Array - DA114	
119	1402 1336	Diode - 1SS355	
120	1402 1343	Diode - RB106L-40	
121	1402 1345	Diode - UDZ3.6B	
122	1402 1437	Diode - RB500V-40	
123	1403 0829	Diode - SEC1201C	
124	1403 0945	LED SEC1401C	
125	1407 1878	IC - TC4053BF	
126	1407 4649	IC - TC7S32FU	
127	1407 5197	IC - TC7SZ126FU	
128	1408 0876	Switching Regulator - M5291FP	
129	1408 0942	IC - BA4558F	
130	1408 1105	IC - RH5VL28C	
131	1408 1416	IC - RH5RI331B	
132	1408 1449	IC - M62220FP	
133	1408 1477	IC - R288F-29	
134	1503 0758	Oscillator - MC-306 32.768MHz	
135	1503 0906	Crystal Oscillator - 28.224MHz	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
137	1601 7867	Resistor - 33 Ω $\pm$ 5% 1/16W	
138	1601 7877	Resistor Array 4.7k Ω $\pm$ 5% 1/32W	
139	1601 7899	Resistor Array - 56 Ω $\pm$ 5% 1/16W	
140	1604 2527	Capacitor - 100 μ F $\pm$ 20% 25V	
141	1604 4335	Capacitor - 220 μ F $\pm$ 20% 10V	
142	1604 4428	Capacitor 100 μ F20% 16V	
143	1604 4518	Capacitor - 3.3 μ F $\pm$ 20% 25V	
144	1604 4550	Capacitor - 220 μ F $\pm$ 20% 25V	
145	1604 5002	Capacitor - 220 μ F $\pm$ 20% 6.3V	
146	1605 1055	Capacitor - 0.022 μ F $\pm$ 10% 25V	
147	1605 1122	Capacitor 1 μ F+80-20% 10V	
148	1605 1133	Capacitor 510pF $\pm$ 5% 50V	
149	1605 1143	Capacitor - 0.15 μ F $\pm$ 10% 25V	
150	1605 1159	Capacitor - 0.068 μ F $\pm$ 10% 16V	
151	1605 1167	Capacitor - 0.22 μ F $\pm$ 10% 10V	
152	1605 1225	Capacitor - 0.1 μ F $\pm$ 10% 50V	
153	1607 0773	Coil - LH10NB101K - 100UH	
154	1607 0861	Filter - BK2125HS101	
155	1607 0897	Choke Coil - ELC08D271	
156	1607 0917	Inductor - LK2125 8R2K	
157	1607 1042	Filter - ACB1608M-600	
158	1610 1347	Resistor - 0.22 Ω $\pm$ 5% 1/4W	
159	1610 1377	Resistor - 0.1 Ω $\pm$ 2% 1/2W	
160	1630 1681	Resistor - 680 Ω $\pm$ 5%	
161	1630 3100	Resistor - 10 Ω $\pm$ 5% 1/10W	
162	1630 3331	Resistor - 330 Ω $\pm$ 5% 1/10W	
163	1630 4100	Resistor - 10 Ω $\pm$ 5% 1/16W	
164	1630 4101	Resistor - 100 Ω $\pm$ 5% 1/16W	
165	1630 4102	Resistor - 1.0K Ω $\pm$ 5% 1/16W	
166	1630 4103	Resistor - 10K Ω $\pm$ 5% 1/16W	
167	1630 4104	Resistor - 100 Ω $\pm$ 5% 1/16W	
168	1630 4105	Resistor - 1.0M Ω $\pm$ 5% 1/16W	
169	1630 4123	Resistor - 12k Ω - $\pm$ 5% - 1/16W	
170	1630 4184	Resistor - 180k Ω $\pm$ 5% 1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1630 4202	Resistor - 2K Ω $\pm$ 5%-	
172	1630 4204	Resistor - 200K Ω $\pm$ 5% 1/16W	
173	1630 4223	Resistor - 22K Ω $\pm$ 5% 1/16W	
174	1630 4240	Resistor - 24 Ω $\pm$ 5% 1/16W	
175	1630 4330	Resistor - 33 Ω $\pm$ 5% 1/8W	
176	1630 4332	Resistor - 3.3K Ω $\pm$ 5% 1/16W	
177	1630 4333	Resistor - 33K Ω $\pm$ 5% 1/16W	
178	1630 4391	Resistor - 390 Ω $\pm$ 5.00% 1/16W	
179	1630 4472	Resistor - 4.7K Ω $\pm$ 5% 1/16W	
180	1630 4473	Resistor - 47k Ω - $\pm$ 5% - 1/16W	
181	1630 4560	Resistor - 56 Ω $\pm$ 5% 1/16W	
182	1630 4562	Resistor - 5.6k Ω - $\pm$ 5% - 1/16W	
183	1630 4823	Resistor - 82K Ω $\pm$ 5% 1/16W	
184	1634 0000	Resistor - 0 Ω 1/16W	
185	1634 1000	Resistor - 100 Ω $\pm$ 1% 1/16W	
186	1634 1002	Resistor - 10 Ω $\pm$ 5% 1/16W	
187	1634 1100	Resistor - 110 Ω $\pm$ 1% 1/16W	
188	1634 1243	Resistor - 124K Ω $\pm$ 1% 1/16W	
189	1634 2002	Resistor - 20K Ω $\pm$ 1% 1/16W	
190	1634 2202	Resistor - 22K Ω $\pm$ 1% 1/16W	
191	1634 2401	Resistor - 2.4K Ω $\pm$ 1% 1/16W	
192	1634 2490	Resistor - 249 Ω $\pm$ 1% 1/16W	
193	1634 3900	Resistor - 390 Ω $\pm$ 1% 1/16W	
194	1634 4022	Resistor - 40.2K Ω $\pm$ 1% 1/16W	
195	1634 5600	Resistor - 560 Ω $\pm$ 1% 1/16W	
196	1634 6192	Resistor - 61.9 Ω $\pm$ 1% 1/16W	
197	1644 0100	Capacitor - 10 μ F $\pm$ 20% 10V	
198	1644 0470	Capacitor - 47 μ F $\pm$ 20% 10V	
199	1644 2100	Capacitor - 10 μ F $\pm$ 20% 25V	
200	1650 3201	Resistor - 200 Ω $\pm$ 5% 1/8W	
201	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
202	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
203	1660 2120	Capacitor - 12 pF $\pm$ 5% 50V	
204	1660 2150	Capacitor - 15pF $\pm$ 5% 50V	
205	1660 2181	Capacitor - 180pF $\pm$ 5% 50V	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1660 2470	Capacitor - 47pF $\pm 5\%$ 50V	
207	1660 2471	Capacitor - 470pF - $\pm 5\%$ - 50V	
208	1660 3821	Capacitor - 820pF $\pm 5\%$ 50V	
209	1660 4102	Capacitor - 1000pF $\pm 10\%$ 50V	
210	1660 4332	Capacitor - 3300pF - $\pm 10\%$ - 50V	
211	1660 6103	Capacitor - 10000pF - $+80\%-20\%$ 50V	
212	1660 8104	Capacitor - 0.1 μ F $+80\%-20\%$ 25V	
213	1907 0016	IC - SDRAM-64M-1MX16X4 100MHZ G5	

Index No.	Part No.	Description	Q'ty Per Assembly

5.NCU BOARD NA (B502)

CAPACITOR

SYMBOL NO.	INDEX NO.
C2	117
C3	129
C4	128
C5	130

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	102
CN2	102
CN3	101

DB

SYMBOL NO.	INDEX NO.
DB1	109

FUSE

SYMBOL NO.	INDEX NO.
FU1	103

PC

SYMBOL NO.	INDEX NO.
PC1	111
PC2	112
PC3	110

RESISTOR

SYMBOL NO.	INDEX NO.
R1	120
R2	116
R3	121
R4	124
R5	123
R6	122
R7	127
R8	126
R9	125

RY

SYMBOL NO.	INDEX NO.
RY1	104

DIODE

SYMBOL NO.	INDEX NO.
D1	107
D2	107

FIL

SYMBOL NO.	INDEX NO.
FIL1	118
FIL2	118

L

SYMBOL NO.	INDEX NO.
L1	119

PC

SYMBOL NO.	INDEX NO.
Q1	105
Q2	106
Q3	2

T

SYMBOL NO.	INDEX NO.
T2	1

V

SYMBOL NO.	INDEX NO.
V1	114
V2	113
V3	115
V4	115

ZD

SYMBOL NO.	INDEX NO.
ZD1	108
ZD2	108

5.NCU BOARD NA (B502)

Index No.	Part No.	Description	Q'ty Per Assembly
*	5488 6122	NCU Board - 115V	1
1	H306 7111	Trans - LT9860	1
2	H502 7111	Transistor- 2SC4505Q	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4212	CT Header - 15P	
102	1102 6415	Modular Cord - 6-6P	
103	1107 0947	Fuse - 230.500	
104	1208 1410	Relay - EC2-224ND	
105	1400 0826	Transistor - 2SA1776	
106	1400 0844	Transistor - FMG8A	
107	1401 0821	Diode - 1SS133	
108	1402 1224	Diode - MTZJ5.1A	
109	1402 1607	Diode - S1NB60	
110	1403 0598	Photo Coupler - PS2501-2	
111	1403 0620	Photo Coupler	
112	1403 0812	Photocoupler - PS2532-1-V	
113	1404 0129	Varistor - VR - 63B	
114	1404 0341	Varistor - TNR9G101K	
115	1404 0937	Varistor - DSSV-401M-YD	
116	1601 5276	Resistor - 18 Ω	
117	1606 1860	Capacitor - 0.47 μ F250V	
118	1607 0069	Fuse - BL02RN2-R62-PB	
119	1607 0396	Choke - SBT-0180W	
120	1611 4473	Resistor - 47K Ω 1/4T $\pm$ 5%	
121	1611 9182	Resistor - 1.8k Ω $\pm$ 5% 1/2W	
122	1630 3104	Resistor - 100K Ω 1/10W $\pm$ 5%	
123	1630 3151	Resistor - 150 Ω $\pm$ 5% 1/10W	
124	1630 3180	Resistor - 18 Ω $\pm$ 5% 1/10W	
125	1630 3392	Resistor - 3.9k Ω - 1/10W	
126	1633 2002	Resistor - 20K Ω $\pm$ 1% 1/10W	
127	1633 4702	Resistor - 47K Ω $\pm$ 1/10W	
128	1640 5221	Capacitor - 220 μ F $\pm$ 20% 50V	
129	1643 5100	Capacitor - 10 μ F $\pm$ 20% 50V	
130	1643 5229	Capacitor - 2.2 μ F $\pm$ 20% 50V	

6.NCU BOARD EU (B502)

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	127
C2	126
C3	143
C4	125
C5	124
C6	144
---	---
C8	142
C9	123
C10	147

CONNECTOR

SYMBOL NO.	INDEX NO.
C11	147
C12	145
C13	147
C14	146

SYMBOL NO.	INDEX NO.
CN1	102
CN2	101
CN3	103
CN4	103

DIODE

SYMBOL NO.	INDEX NO.
D1	110
D2	110
D3	110
D4	110

DB

SYMBOL NO.	INDEX NO.
DB1	113
DB2	113
DB3	120

FIL

SYMBOL NO.	INDEX NO.
FIL1	128
FIL2	128
FIL3	129

L

SYMBOL NO.	INDEX NO.
L1	131
L2	130

PC

SYMBOL NO.	INDEX NO.
PC1	114
PC2	116
PC3	115
PC4	116

HIC

SYMBOL NO.	INDEX NO.
HIC1	2

Q

SYMBOL NO.	INDEX NO.
Q1	108
Q2	106
Q3	107
Q4	109
Q5	109

RESISTOR

SYMBOL NO.	INDEX NO.
R1	122
R2	134
R3	134
R4	133
R5	121
R6	132
R7	132
R8	140
R9	136
R10	141

RESISTOR

SYMBOL NO.	INDEX NO.
R11	137
R12	139
R13	139
R14	139
R15	137
R16	138
R17	138
R18	135
RY1	105
RY2	104

T

SYMBOL NO.	INDEX NO.
T2	1

V

SYMBOL NO.	INDEX NO.
V1	118
V2	117
---	---
V4	119

ZD

SYMBOL NO.	INDEX NO.
ZD1	111
ZD2	111
ZD3	112
ZD4	112

6.NCU BOARD EU (B502)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B418 5195	NCU-NE2A Board (230V)	1
*	B418 5197	NCU Board - Taiwan	1
1	H306 7121	Transformer- 98-60	1
2	H545 7108	HIC - 220/240V	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4204	CT Header - 5P	
102	1102 4212	CT Header - 15P	
103	1102 6415	Modular Cord - 6-6P	
104	1208 1410	Relay - EC2-224ND	
105	1208 1419	Relay -ALD124	
106	1400 0358	Transistor - 2SA950-0	
107	1400 0576	Transistor - 2SC3621	
108	1400 0577	Transistor - 2SA1320	
109	1400 0844	Transistor - FMG8A	
110	1401 0821	Diode - 1SS133	
111	1402 1223	Diode - MTZJ2.0A	
112	1402 1224	Diode - MTZJ5.1A	
113	1402 1335	Bridge - S1WB(A)60	
114	1403 0791	Photocoupler - PS2561-1-V	
115	1403 0812	Photocoupler - PS2532-1-V	
116	1403 0950	Photocoupler - PS2532-2-V	
117	1404 0283	Varistor - TNR9G431K	
118	1404 0342	Varistor - TNR9G121K	
119	1404 0983	Arrestor- RA-102MS-V7-F(5)	
120	1405 0180	Rectifier - OR5G4B42	
121	1600 1638	Resistor - 47 Ω $\pm$ 5% 1W	
122	1601 5420	Resistor - 120 Ω $\pm$ 5% 2W	
123	1604 4301	Capacitor - 220 μ F $\pm$ 20%	
124	1606 1761	Capacitor - 1.0 μ F250V	
125	1606 1860	Capacitor - 0.47 μ F250V	
126	1606 1877	Capacitor - 0.027 μ F $\pm$ 10%	
127	1606 2026	Capacitor - 0.1 μ F $\pm$ 10%	
128	1607 0069	Fuse - BL02RN2-R62-PB	
129	1607 0536	Fuse Core - EXCELDLR35C	
130	1607 0760	Coil TLF9UB302W	
131	1607 1083	Coil ELF1010SKI-332J	
132	1611 4120	Resistor - 12 Ω 1/4W	
133	1611 4153	Resistor - 15K Ω 1/4T $\pm$ 5%	
134	1611 9303	Resistor 30k Ω $\pm$ 5% 1/2W	
135	1630 3100	Resistor - 10 Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1630 3103	Resistor - 10K Ω 1/10W $\pm$ 5%	
137	1630 3302	Resistor - 3k Ω - 1/10W	
138	1630 3471	Resistor - 470 Ω - 1/10W	
139	1630 3472	Resistor - 4.7K Ω 1/10W $\pm$ 5%	
140	1633 1602	Resistor - 16K Ω $\pm$ 1% 1/4W	
141	1633 7501	Resistor - 7.5K Ω $\pm$ 5% 1/10W	
142	1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	
143	1643 5100	Capacitor - 10 μ F $\pm$ 20% 50V	
144	1643 5479	Capacitor - 4 μ F $\pm$ 20% 50V	
145	1660 5102	Capacitor - 1000pF $\pm$ 10% 50V	
146	1660 5222	Capacitor - 2200pF $\pm$ 10% 50V	
147	1660 7103	Capacitor - 10000pF 50V	

Index No.	Part No.	Description	Q'ty Per Assembly

7.NCU BOARD NA (B503)

CAPACITOR

SYMBOL NO.	INDEX NO.
C3	116
C4	121
C5	122

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	101
---	---
---	---
---	---
---	---
CN7	102
CN8	102

DIODE

SYMBOL NO.	INDEX NO.
D1	106
D2	106

FIL

SYMBOL NO.	INDEX NO.
FIL1	117
FIL2	117
FIL3	117

PC

SYMBOL NO.	INDEX NO.
PC1	109
PC2	108
PC3	110

RESISTOR

SYMBOL NO.	INDEX NO.
R1	120
R2	115
R3	127
R4	123
R5	128
R6	126
R7	125
R8	124

RY

SYMBOL NO.	INDEX NO.
RY1	103

DB

SYMBOL NO.	INDEX NO.
DB1	107

L

SYMBOL NO.	INDEX NO.
L1	118

Q

SYMBOL NO.	INDEX NO.
Q1	104
Q2	105

T

SYMBOL NO.	INDEX NO.
T2	119

V

SYMBOL NO.	INDEX NO.
V1	111
V2	113
V3	112
V4	113
V5	114

7.NCU BOARD NA (B503)

Index No.	Part No.	Description	Q'ty Per Assembly
*	5488 6222	NCU-FD-U2 Board – 120V	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 5007	CT Header - 14P	
102	1102 6415	Modular Cord - 6-6P	
103	1208 1438	Relay - EC2 5ND	
104	1400 0826	Transistor - 2SA1776	
105	1400 0885	Transistor - 2SC4505Q	
106	1401 0821	Diode - 1SS133	
107	1402 1607	Diode - S1NB60	
108	1403 0598	Photo Coupler - PS2501-2	
109	1403 0620	Photo Coupler	
110	1403 0812	Photocoupler - PS2532-1-V	
111	1404 0129	Varistor - VR - 63B	
112	1404 0276	Varistor - TNR9G331K	
113	1404 0283	Varistor - TNR9G431K	
114	1404 0989	Varistor - TNR7V121K	
115	1601 5395	Resistor - 18 Ω $\pm$ 5% 1/2W	
116	1606 2160	Capacitor - 0.47 μ F $\pm$ 10% 250V	
117	1607 0069	Fuse - BL02RN2-R62-PB	
118	1607 0396	Choke - SBT-0180W	
119	1607 1396	Transformer - FLT319	
120	1611 8473	Resistor - 47k Ω $\pm$ 5% 1/4W	
121	1642 5220	Capacitor - 22 μ F $\pm$ 20% 50V	
122	1642 5229	Capacitor 2.2 μ F $\pm$ 20% 50V	
123	1650 4104	Resistor - 100K Ω $\pm$ 5% 1/10W	
124	1650 4151	Resistor - 150 Ω $\pm$ 5% 1/10W	
125	1650 4180	Chip Resistor - 18 Ω $\pm$ 5% 1/10W	
126	1650 4392	Chip Resistor - 3.9k Ω $\pm$ 5% 1/10W	
127	1654 2002	Resistor - 20K Ω $\pm$ 1%1/10W	
128	1654 4702	Chip Resistor - 47k Ω $\pm$ 1% 1/10W	

8.NCU BOARD EU (B503)

CAPACITOR

SYMBOL NO.	INDEX NO.
C1	117
C2	122
C3	121
C4	130
C5	131
C6	138
C7	138
C8	137
C9	129

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	101
CN2	104
CN3	104

DIODE

SYMBOL NO.	INDEX NO.
D1	110
D2	110

DB

SYMBOL NO.	INDEX NO.
DB2	111
DB3	112

FIL

SYMBOL NO.	INDEX NO.
FIL1	123
FIL2	123
FIL3	123

HIC

SYMBOL NO.	INDEX NO.
HIC1	1

JP

SYMBOL NO.	INDEX NO.
JP17	128

L

SYMBOL NO.	INDEX NO.
L2	124

PC

SYMBOL NO.	INDEX NO.
PC1	113
---	---
---	---
PC4	115
PC5	114

Q

SYMBOL NO.	INDEX NO.
Q1	107
Q2	109
Q3	108

RESISTOR

SYMBOL NO.	INDEX NO.
R1	119
R2	127
---	---
R4	120
R5	126
R6	126
R7	136
R8	133
R9	135
R10	132

RY

SYMBOL NO.	INDEX NO.
R11	134
RY1	106

TN

SYMBOL NO.	INDEX NO.
TB1	105
TB1	102
TB2	103
TB2	105

V

SYMBOL NO.	INDEX NO.
V1	118
---	---
V3	116

RY

SYMBOL NO.	INDEX NO.
T1	125

8.NCU BOARD EU (B503)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5488 6292	NCU-FD-EA2T Board - 230V TWN	1
	H545 7108	HIC - 220/240V	1
101	1102 5007	CT Header - 14P	
102	1102 5943	Connector - 2P	
103	1102 5944	Connector - 3P	

Index No.	Part No.	Description	Q'ty Per Assembly
104	1102 6415	Modular Cord - 6-6P	
105	1104 0683	Socket - IMSA-9206H-GF	
106	1208 1438	Relay - EC2 5ND	
107	1400 0358	Transistor - 2SA950-0	
108	1400 0576	Transistor - 2SC3621	
109	1400 0826	Transistor - 2SA1776	
110	1401 0821	Diode - 1SS133	
111	1402 1335	Bridge - S1WB(A)60	
112	1402 1607	Diode - S1NB60	
113	1403 0791	Photocoupler - PS2561-1-V	
114	1403 0812	Photocoupler - PS2532-1-V	
115	1403 0950	Photocoupler - PS2532-2-V	
116	1404 0283	Varistor - TNR9G431K	
117	1404 0983	Arrestor - RA-102MS-V7-F(5)	
118	1404 0989	Varistor - TNR7V121K	
119	1600 1153	Resistor - 2W 120 Ω	
120	1600 1294	Resistor - 47 Ω	
121	1606 1761	Capacitor - 1.0 μ F250V	
122	1606 1860	Capacitor - 0.47 μ F250V	
123	1607 0069	Fuse - BL02RN2-R62-PB	
124	1607 0760	Coil TLF9UB302W	
125	1607 1246	Transformer P3356	
126	1611 8120	Resistor - 12 Ω $\pm$ 5% 1/4W	
127	1611 9393	Resistor - 39K Ω $\pm$ 5% 1/4W	
128	1633 0000	Resistor - 0 Ω 1/10W	
129	1634 0000	Resistor - 0 Ω 1/16W	
130	1640 5470	Capacitor - 47 μ F $\pm$ 20% 50V	
131	1640 5479	Capacitor - 4.7 μ F $\pm$ 20% 50V	
132	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
133	1650 4202	Resistor - 2K Ω $\pm$ 5% 1/10W	
134	1650 4302	Resistor - 3K Ω $\pm$ 5% 1/10W	
135	1653 1602	Resistor - 16K Ω $\pm$ 1% 1/8W	
136	1654 7501	Resistor - 7.5K Ω $\pm$ 1% 1/10W - 1608	
137	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
138	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	

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1650 4104	Resistor - 100K Ω $\pm 5\%$ 1/10W	19 -123
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