

SG3 (H133)

PARTS CATALOG

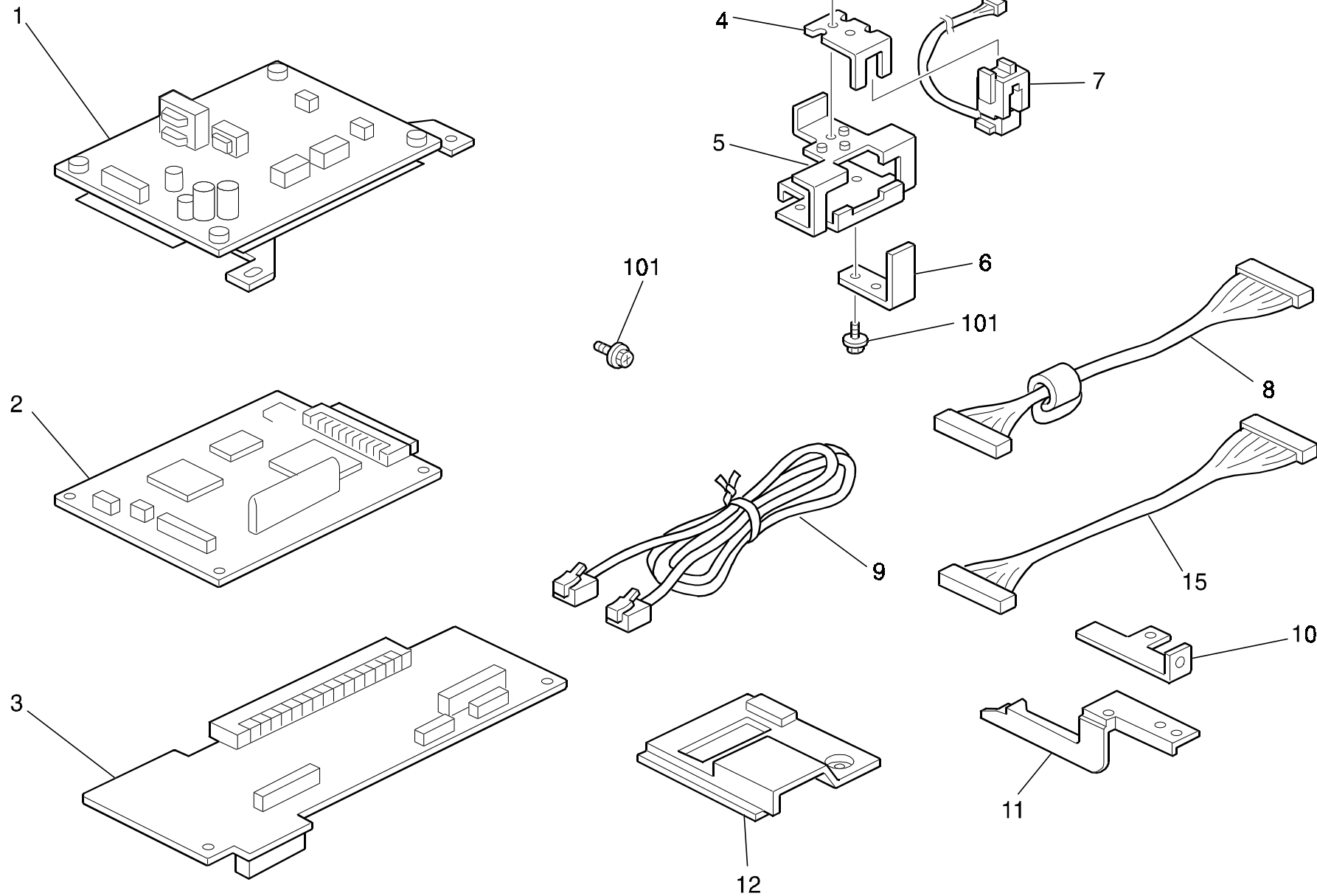
INTRODUCTION

This chapter instructs you the numbers and names of parts on this machine.

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1.G3 FAX (H133)



1.G3 FAX (H133)





Index No.	Part No.	Description	Q'ty Per Assembly
1	5488 6121	NCU Board-na	1
2	H306 6162	PCB - SG3-V34 (NA)	1
2	H306 6161	PCB - SG3-V34 (EU)	1
3	H306 6061	PCB - OPIF	1
4	H306 4623	Bracket - Option Modulor Jack	1
5	H306 4635	Bracket - Connectors	1
6	H306 4646	Plate - Option Connector	1
7	H306 5211	Harness - NCU-SG3 (NA)	1
7	H306 5207	Harness - NCU-6P (EU/ASIA)	1
8	H306 5146	Harness - SG3-NCU	1
9	H523 5350	Telephone Cable (Asia)	1
10	H306 4633	Bracket - OPIF - Front	1
11	H306 4641	Bracket - OPIF - Rear	1
12	H306 4065	Cover - Option Connectors	1
13	H306 4648	Insulation Sheet - NCU	1
14	H306 4634	Bracket - NCU OP	1
15	H306 5208	Harness - SG3-NCU-5P (EU/ASIA)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	

2.G3 BOARD NA (H133)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C 1	179	C 11	179	C 21	179	C 31	175	C 41	132	C 51	179
C 2	125	C 12	179	C 22	179	C 32	179	C 42	130	C 52	126
C 3	169	C 13	178	C 23	179	C 33	179	C 43	127	C 53	179
C 4	130	C 14	179	C 24	179	C 34	179	C 44	179	C 54	179
C 5	177	C 15	179	C 25	134	C 35	179	C 45	129	C 55	179
C 6	130	C 16	179	C 26	179	C 36	179	C 46	126	C 56	179
C 7	173	C 17	179	C 27	176	C 37	179	C 47	179	C 57	179
C 8	170	C 18	179	C 28	133	C 38	179	C 48	128	C 58	179
C 9	171	C 19	179	C 29	179	C 39	179	C 49	----	C 59	179
C 10	179	C 20	179	C 30	133	C 40	132	C 50	179	C 60	179
										C 61	130
										C 62	179
										C 63	179
										C 64	----
										C 65	179
										C 66	179
										C 67	179
										C 68	174
										C 69	179
										C 70	----

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C 71	179	C 81	179
C 72	178	C 82	178
C 73	179	C 83	178
C 74	179	C 84	178
C 75	131	C 85	178
C 76	179	C 86	130
C 77	179	C 87	130
C 78	179	C 88	130
C 79	179	C 89	174
C 80	179	C 90	179

CONNECTOR

SYMBOL NO.	INDEX NO.
C 91	179
C 92	179
C 93	127
C 94	179
C 95	179

SYMBOL NO.	INDEX NO.
CN 1	105
CN 2	103
CN 3	102
CN 4	104
CN 5	101

HIC

SYMBOL NO.	INDEX NO.
HIC 1	2

SYMBOL NO.	INDEX NO.
IC 1	110
IC 2	120
IC 3	3
IC 4	113
IC 5	1
IC 6	117
IC 7	115
IC 8	114
IC 9	180
IC 10	118

SYMBOL NO.	INDEX NO.
IC 11	118
IC 12	118
IC 13	119
IC 14	118
IC 15	118
IC 16	111
IC 17	111
IC 18	112
IC 19	116
IC 20	116

JP

SYMBOL NO.	INDEX NO.
JP 1	155
JP 7	156
JP 9	156
JP 11	156
JP 12	155
JP 13	155
JP 14	156
JP 16	156
JP 18	156
JP 19	155

OSC

SYMBOL NO.	INDEX NO.
JP 22	155
JP 23	155
JP 24	156
JP 27	155

SYMBOL NO.	INDEX NO.
OSC 1	122
OSC 2	121
OSC 3	123

Q

SYMBOL NO.	INDEX NO.
Q 1	106
Q 2	108
Q 3	107

RESISTOR

SYMBOL NO.	INDEX NO.
R 1	137
R 2	147
R 3	136
R 4	162
R 5	162
R 6	145
R 7	138
R 8	162
R 9	158
R 10	143

SYMBOL NO.	INDEX NO.
R 11	161
R 12	162
R 13	161
R 14	158
R 15	158
R 16	158
R 17	160
R 18	165
R 19	166
R 20	163

SYMBOL NO.	INDEX NO.
R 21	167
R 22	138
R 23	138
R 24	138
R 25	168
R 26	157
R 27	157
R 28	157
R 29	140
R 30	150

RESISTOR

SYMBOL NO.	INDEX NO.
R 31	158
R 32	139
R 33	139
R 34	138
R 35	138
R 36	138
R 37	138
R 38	159
R 39	164
R 40	154

SYMBOL NO.	INDEX NO.
R 41	154
R 42	151
R 43	139
R 44	140
R 45	135
R 46	149
R 47	143
R 48	139
R 49	140
R 50	144

SYMBOL NO.	INDEX NO.
R 51	144
R 52	146
R 53	139
R 54	141
R 55	152
R 56	153
R 57	139
R 58	139
R 59	145
R 60	145

SYMBOL NO.	INDEX NO.
R 61	145
R 62	145
R 63	139
R 64	142
R 65	148
R 66	140

RN

SYMBOL NO.	INDEX NO.
RN 1	124
RN 2	124

ZD

SYMBOL NO.	INDEX NO.
ZD 1	109

2.G3 BOARD NA (H133)

Index No.	Part No.	Description	Q'ty Per Assembly
*	H306 6160	PCB SG3-V34	1
1	H519 7150	LSI CCP RF5A89	1
2	H551 7101	IC - HICMM1	1
3	H553 7180	Programed ROM-MODEM	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4201	Connector - 2P	
102	1102 4204	CT Header - 5P	
103	1102 4212	CT Header - 15P	
104	1102 4643	CT Connector - 2P	
105	1102 6730	Connector - 60P	
106	1400 0398	Transistor - 2SC2412K	
107	1400 0637	Transistor - DTC144EUA	
108	1400 0752	Transistor - FMY6	
109	1402 1323	Zener Diode - UDZ5.6B	
110	1407 2210	IC - T6668A	
111	1407 2467	IC - Multiplexer NJU4053BM	
112	1407 2947	IC - TC7S00F	
113	1407 4179	CMOS IC TC7W04FU	
114	1407 4674	Flash ROM - MBM29F040A-70FTN	
115	1407 4722	CMOS LSI M65761FP	
116	1407 4804	CMOS TC7SH08FU	
117	1407 4830	IC - MODEM MN195003MFL-1	
118	1408 0461	IC - NJM4558M	
119	1408 0595	IC - NJM2904M	
120	1408 1237	IC - BU8872FS	
121	1503 0738	Oscillator - 52.416MHZ	
122	1503 0774	Crystal Oscillator - CSTCC4.19MG244	
123	1503 0776	Crystal Oscillator - SG-615P24.192MHZB	
124	1601 7760	Resistor Array	
125	1604 4354	Capacitor - 3.3UF	
126	1605 0649	Condensor - 0.047 μ F $\pm$ 10% 25V	
127	1605 0685	Capacitor - 0.47mF	
128	1605 0724	Capacitor - 510pF	
129	1605 0780	Capacitor - 0.022 μ F $\pm$ 5% 25V	
130	1605 0853	Condensor - 1 μ F+80/20% 16V	
131	1605 0860	Capacitor - 0.068mF $\pm$ 10% 50V	
132	1605 0908	Capacitor - 1200pF $\pm$ 5%	
133	1605 0962	Ceramic Capacitor - 220pF $\pm$ 5% 50V	
134	1605 0976	Capacitor - 1 μ F+80%-20% 10V	
135	1630 1681	Resistor - 680 Ω $\pm$ 5%	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1630 3100	Resistor - 10 Ω $\pm$ 5% 1/10W	
137	1630 3200	Resistor - 20 Ω $\pm$ 5% 1/10W	
138	1630 3330	Resistor - 33 Ω $\pm$ 5% 1/10W	
139	1630 4103	Resistor - 10K Ω $\pm$ 5% 1/16W	
140	1630 4104	Resistor - 100 Ω $\pm$ 5% 1/16W	
141	1630 4123	Resistor - 12K Ω - $\pm$ 5% - 1/16W	
142	1630 4132	Resistor - 1.3K Ω - $\pm$ 5% - 1/10W	
143	1630 4183	Resistor - 18K Ω - $\pm$ 5% - 1/16W	
144	1630 4184	Resistor - 180K Ω $\pm$ 5% 1/16W	
145	1630 4204	Resistor - 200K Ω $\pm$ 5% 1/16W	
146	1630 4223	Resistor - 22K Ω $\pm$ 5% 1/16W	
147	1630 4273	Resistor - 27K Ω - $\pm$ 5% - 1/16W	
148	1630 4330	Resistor - 33 Ω $\pm$ 5% 1/8W	
149	1630 4334	Resistor - 330K Ω $\pm$ 5% 1/16W	
150	1630 4393	Resistor - 39k Ω - $\pm$ 5% - 1/16W	
151	1630 4394	Resistor - 390K Ω - $\pm$ 5% - 1/16W	
152	1630 4472	Resistor - 4.7K Ω $\pm$ 5% 1/16W	
153	1630 4473	Resistor - 47k Ω - $\pm$ 5% - 1/16W	
154	1630 4513	Resistor - 51K Ω - $\pm$ 5% - 1/16W	
155	1633 0000	Resistor - 0 Ω 1/10W	
156	1634 0000	Resistor - 0 Ω 1/16W	
157	1634 1001	Resistor - 1K Ω $\pm$ 5% 1/16W	
158	1634 1002	Resistor - 10 Ω $\pm$ 5% 1/16W	
159	1634 1542	Resistor - 15.4k Ω $\pm$ 1% 1/16W	
160	1634 1543	Resistor - 154K Ω $\pm$ 1% 1/16W	
161	1634 3002	Resistor - 30.0K Ω $\pm$ 1% 1/16W	
162	1634 3902	Resistor - 39.0K Ω - $\pm$ 1% - 1/16W	
163	1634 4302	Resistor - 43k Ω $\pm$ 1% 1/16W	
164	1634 4422	Resistor - 44.2K Ω $\pm$ 1% 1/16W	
165	1634 4752	Resistor - 47.5K Ω $\pm$ 1% 1/16W	
166	1634 6801	Resistor - 6.8K Ω $\pm$ 1% 1/8W	
167	1634 6982	Resistor - 69.8K Ω $\pm$ 1% 1/16W	
168	1634 9093	Resistor - 909K Ω $\pm$ 1% 1/16W	

Index No.	Part No.	Description	Q'ty Per Assembly
169	1642 0221	Capacitor - 220 μ F $\pm$ 20% 10V	
170	1644 0100	Capacitor - 10 μ F $\pm$ 20% 10V	
171	1644 0470	Capacitor - 47 μ F $\pm$ 20% 10V	
172	1660 2181	Capacitor - 180pF $\pm$ 5% 50V	
173	1660 2221	Capacitor - 220pF +80-20% 50V	
174	1660 2331	Capacitor - 330pF $\pm$ 5% 50V	
175	1660 2391	Capacitor - 390pF $\pm$ 5% 50V	
176	1660 2820	Capacitor - 82pF $\pm$ 5% 50V	
177	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
178	1660 7103	Capacitor - 10000pF 50V	
179	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
180	1901 0044	DRAM - 4M 512KX8 70NS EDO G8	

3.G3 BOARD EU (H133)

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C1	176	C11	176	C21	176	C31	172	---	---	C51	176	C61	130
C2	124	C12	176	C22	176	C32	176	C42	130	C52	125	C62	176
C3	166	C13	175	C23	176	C33	176	C43	127	C53	176	---	---
C4	130	C14	176	C24	176	C34	176	---	---	C54	176	C64	131
C5	174	C15	176	C25	133	C35	176	C45	129	C55	176	---	---
C6	130	C16	176	C26	176	C36	176	C46	126	C56	176	---	---
C7	170	C17	176	C27	173	C37	176	C47	176	C57	176	C67	176
C8	167	C18	176	C28	132	C38	176	C48	128	C58	176	C68	169
C9	168	C19	176	C29	176	C39	176	---	---	C59	176	C69	176
C10	176	C20	176	C30	132	---	---	C50	176	C60	176	---	---

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C71	176	C81	176
C72	175	C82	175
C73	176	C83	175
C74	176	C84	175
C75	125	---	---
C76	176	C86	130
C77	176	C87	130
C78	176	C88	130
C79	176	C89	171
C80	176	C90	176

CONNECTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C91	176	CN1	106
C92	176	CN2	103
C93	127	CN3	104
C94	176	CN4	105
C95	176	CN5	102

FILTER

SYMBOL NO.	INDEX NO.
FIL1	135

HIC

SYMBOL NO.	INDEX NO.
HIC1	2

IC

SYMBOL NO.	INDEX NO.
IC1	110
IC2	119
IC3	4
IC4	113
IC5	1
IC6	117
IC7	115
IC8	114
IC9	177
IC10	118

3.G3 BOARD EU (H133)

IC

SYMBOL NO.	INDEX NO.
IC11	118
IC12	118
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IC14	118
IC15	118
IC16	111
IC17	111
IC18	112
IC19	116
IC20	116

JP

SYMBOL NO.	INDEX NO.
JP1	154
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----	---
----	---
----	---
----	---
JP7	155
----	---
JP9	155
----	---

SYMBOL NO.	INDEX NO.
JP11	155
JP12	154
----	---
----	---
JP15	155
JP16	155
----	---
JP18	155
JP19	154
----	---

SYMBOL NO.	INDEX NO.
JP22	134
JP23	154
JP24	155
----	---
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JP27	154

LP

SYMBOL NO.	INDEX NO.
LP22	134

OSC

SYMBOL NO.	INDEX NO.
OSC1	121
OSC2	120
OSC3	122

Q

SYMBOL NO.	INDEX NO.
----	---
Q2	108
Q3	107

RESISTOR

SYMBOL NO.	INDEX NO.
R1	139
R2	149
R3	138
R4	161
R5	161
R6	147
R7	134
R8	161
R9	157
R10	145

SYMBOL NO.	INDEX NO.
R11	160
R12	161
R13	160
R14	157
R15	157
R16	157
R17	158
R18	163
R19	164
R20	162

SYMBOL NO.	INDEX NO.
R21	165
R22	140
R23	140
R24	140
R26	156
----	---
R27	159
R28	156
R29	142
R30	151

SYMBOL NO.	INDEX NO.
R31	157
R32	141
R33	141
R34	140
R35	140
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R37	140
----	---
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SYMBOL NO.	INDEX NO.
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----	---
R43	155
----	---
R45	137
R46	155
R47	155
----	---
R49	142
R50	146

SYMBOL NO.	INDEX NO.
R51	146
R52	148
R53	141
R54	143
R55	152
R56	153
R57	141
R58	141
R59	147
R60	142

3.G3 BOARD EU (H133)

RESISTOR

SYMBOL NO.	INDEX NO.
R61	142
R62	142
R63	157
R64	144
---	---
R66	142
---	---
R65	150

RN

SYMBOL NO.	INDEX NO.
RN1	123
RN2	123

ZD

SYMBOL NO.	INDEX NO.
ZD1	109

3.G3 BOARD EU (H133)

Index No.	Part No.	Description	Q'ty Per Assembly
*	H306 6161	PCB - SG3-V34 Ass'y - EU	1
1	H519 7150	LSI CCP RF5A89	1
2	H551 7110	Hybrid IC:HICMM2	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1407 5062	Flash Memory:mbm29f040c-	
102	1102 4201	Connector - 2P	
103	1102 4212	CT Header - 15P	
104	1102 4622	CT Connector - 5P	
105	1102 4643	CT Connector - 2P	
106	1102 6730	Connector - 60P	
107	1400 0637	Transistor - DTC144EUA	
108	1400 0752	Transistor - FMY6	
109	1402 1323	Zener Diode - UDZ5.6B	
110	1407 2210	IC - T6668A	
111	1407 2467	IC - Multiplexer NJU4053BM	
112	1407 2947	IC - TC7S00F	
113	1407 4179	CMOS IC TC7W04FU	
114	1407 4674	Flash ROM - MBM29F040A-70FTN	
115	1407 4722	CMOS LSI M65761FP	
116	1407 4804	CMOS TC7SH08FU	
117	1407 4830	IC - MODEM MN195003MFL-1	
118	1408 0461	IC - NJM4558M	
119	1408 1237	IC - BU8872FS	
120	1503 0738	Oscillator - 52.416MHZ	
121	1503 0774	Crystal Oscillator - CSTCC4.19MG244	
122	1503 0776	Crystal Oscillator - SG-615P24.192MHZB	
123	1601 7760	Resistor Array	
124	1604 4354	Capacitor - 3.3UF	
125	1605 0643	Capacitor - 0.1Micro F	
126	1605 0649	Condensor - 0.047μF±10% 25V	
127	1605 0685	Capacitor - 0.47mF	
128	1605 0724	Capacitor - 510pF	
129	1605 0780	Capacitor - 0.022μF±5% 25V	
130	1605 0853	Condensor - 1μF+80/20% 16V	
131	1605 0918	Capacitor:0.18μF±10% 25V	
132	1605 0962	Ceramic Capacitor - 220pF ±5% 50V	
133	1605 0976	Capacitor - 1μF+80%-20% 10V	
134	1607 0477	Coil - BLM21A121SPB	
135	1607 0926	Filter - ACF321825-680	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1607 0954	Coil:ELC10E102	
137	1630 1681	Resistor - 680 Ω $\pm 5\%$	
138	1630 3100	Resistor - 10 Ω $\pm 5\%$ 1/10W	
139	1630 3200	Resistor - 20 Ω $\pm 5\%$ 1/10W	
140	1630 3330	Resistor - 33 Ω $\pm 5\%$ 1/10W	
141	1630 4103	Resistor - 10K Ω $\pm 5\%$ 1/16W	
142	1630 4104	Resistor - 100 Ω $\pm 5\%$ 1/16W	
143	1630 4123	Resistor - 12K Ω - $\pm 5\%$ - 1/16W	
144	1630 4132	Resistor - 1.3K Ω - $\pm 5\%$ - 1/10W	
145	1630 4183	Resistor - 18K Ω - $\pm 5\%$ - 1/16W	
146	1630 4184	Resistor - 180K Ω $\pm 5\%$ 1/16W	
147	1630 4204	Resistor - 200K Ω $\pm 5\%$ 1/16W	
148	1630 4223	Resistor - 22K Ω $\pm 5\%$ 1/16W	
149	1630 4273	Resistor - 27K Ω - $\pm 5\%$ - 1/16W	
150	1630 4330	Resistor - 33 Ω $\pm 5\%$ 1/8W	
151	1630 4393	Resistor - 39k Ω - $\pm 5\%$ - 1/16w	
152	1630 4472	Resistor - 4.7K Ω $\pm 5\%$ 1/16W	
153	1630 4473	Resistor - 47k Ω - $\pm 5\%$ - 1/16w	
154	1633 0000	Resistor - 0 Ω 1/10W	
155	1634 0000	Resistor - 0 Ω 1/16W	
156	1634 1001	Resistor - 1K Ω $\pm 5\%$ 1/16W	
157	1634 1002	Resistor - 10 Ω $\pm 5\%$ 1/16W	
158	1634 1543	Resistor - 154K Ω $\pm 1\%$ 1/16W	
159	1634 1801	Resistor - 1.80K Ω - $\pm 1\%$ - 1/16W	
160	1634 3002	Resistor - 30.0K Ω $\pm 1\%$ 1/16W	
161	1634 3902	Resistor - 39.0K Ω - $\pm 1\%$ - 1/16W	
162	1634 4302	Resistor - 43k Ω $\pm 1\%$ 1/16W	
163	1634 4752	Resistor - 47.5K Ω $\pm 1\%$ 1/16W	
164	1634 6801	Resistor - 6.8K Ω $\pm 1\%$ 1/8W	
165	1634 6982	Resistor - 69.8K Ω $\pm 1\%$ 1/16W	
166	1642 0221	Capacitor - 220 μ F $\pm 20\%$ 10V	
167	1644 0100	Capacitor - 10uF $\pm 20\%$ 10V	
168	1644 0470	Capacitor - 47uF $\pm 20\%$ 10V	

Index No.	Part No.	Description	Q'ty Per Assembly
169	1660 2181	Capacitor - 180pF $\pm 5\%$ 50V	
170	1660 2221	Capacitor - 220pF $\pm 80-20\%$ 50V	
171	1660 2331	Capacitor - 330pF $\pm 5\%$ 50V	
172	1660 2391	Capacitor - 390pF $\pm 5\%$ 50V	
173	1660 2820	Capacitor - 82pF $\pm 5\%$ 50V	
174	1660 4103	Capacitor - 10000pF - $\pm 10\%$ - 50V	
175	1660 7103	Capacitor - 10000pF 50V	
176	1660 8104	Capacitor - 0.1 μ F $\pm 80-20\%$ 25V	
177	1901 0044	DRAM - 4M 512KX8 70NS EDO G8	

PARTS INDEX

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H306 4635	Bracket - Connectors	3- 5
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H306 6162	PCB - SG3-V34 (NA)	3- 2
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H519 7150	LSI CCP RF5A89	9- 1
H523 5350	Telephone Cable (Asia)	3- 9
H551 7101	IC - HICMM1	5- 2
H551 7110	Hybrid IC:HICMM2	9- 2
H553 7180	Programed ROM-MODEM	5- 3

Part No.	Description	Page and Index No
5488 6121	NCU Board-na	3- 1

Part No.	Description	Page and Index No.
0451 3006B	Tapping Screw - M3x6	3-101
1102 4201	Connector - 2P	5-101
1102 4201	Connector - 2P	9-102
1102 4204	CT Header - 5P	5-102
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