

**Model C-P1/C-P2
(G094/G095/G112/G113)
PARTS CATALOG**

Therd edition, October 2006

Ricoh Company, LTD.

Model C-P1/C-P2 (G094/G095/G112/G113)

PARTS CATALOG

This catalog gives the numbers and names of parts on this machine.

Model C-P1/C-P2	(G094/G095/G112/G113)
Paper Feed Unit Type 400	(G360)
AD450	(G361)
Envelope Feeder Type400	(G362)

Release Information for RoHS-compliant

Model C-P1/C-P2

CODE	V/Hz	DESTINATION	RoHS Compliant	SERIAL NO.
G094-11	120/60	US	No	
G094-17	120/60	US	No	
G094-22	220-240/50, 60	Europe, Asia	No	
G094-24	220-240/50, 60	Europe, Asia	No	
G094-27	220-240/50, 60	Europe, Asia	No	
G095-11	120/60	US	No	
G095-17	120/60	US	No	
G095-22	220-240/50, 60	Europe, Asia	No	
G095-24	220-240/50, 60	Europe, Asia	No	
G095-27	220-240/50, 60	Europe, Asia	No	
G112-11	120/60	US	Yes	Q3166400001
G112-17	120/60	US	Yes	Q3166400113
G112-22	220-240/50, 60	Europe, Asia	Yes	Q3166400163
G112-27	220-240/50, 60	Europe, Asia	Yes	Q3166400182
G113-11	120/60	US	Yes	Q3266400001
G113-17	120/60	US	Yes	Q3266400978
G113-22	220-240/50, 60	Europe, Asia	Yes	Q3266402947
G113-24	220-240/50, 60	Europe, Asia	Yes	Q3266402945
G113-27	220-240/50, 60	Europe, Asia	Yes	Q3266400379

Paper Feed Unit Type 400

CODE	V/Hz	DESTINATION	RoHS Compliant	SERIAL NO.
G360-17	120/60 220-240/50, 60	US/EUR/Asia	Yes	Q0359300880

AD450

CODE	V/Hz	DESTINATION	RoHS Compliant	SERIAL NO.
G361-17	120/60 220-240/50, 60	US/EUR/Asia	Yes	Q0458800333

- The changes in this parts catalog are written in the following format:

Example:

Index No.	Parts No	Description	Qty
3	AA012125	Filter:Exhaust:Scanner (RoHs)	1
3	B0511329	Dust Filter - Scanner	1

- With "(RoHs)" at the end of the part name: **RoHs** compliant parts
- Below the parts: **Non-RoHs** compliant parts
- All screws and e-rings that already have suffixes were changed as follows on all models listed on page 2:
 - Screws: All suffixes were changed to suffix **N, P, or Q** (B, Z, H → N W → P Q → Q (was not changed))
 - E-rings: All suffixes were changed to suffix **E** (B, G → E).

IMPORTANT:

- To make sure the correct parts are used on the correct machines, please handle the parts as follows:

	RoHS Compliant Parts	Non-RoHS Compliant Parts
RoHS Compliant Machines	OK	DO NOT USE
Non-RoHS Compliant Machines	OK	OK

- **Continue using** non-RoHS compliant parts on non-ROHS compliant machines **until the stock of these parts runs out.**

Then, start using RoHS compliant parts on the non-RoHS compliant machines.

- **DO NOT use** non-RoHs compliant parts on RoHs compliant machines.

Note: This is to make sure that all machines are in full compliance with the RoHS Directive.

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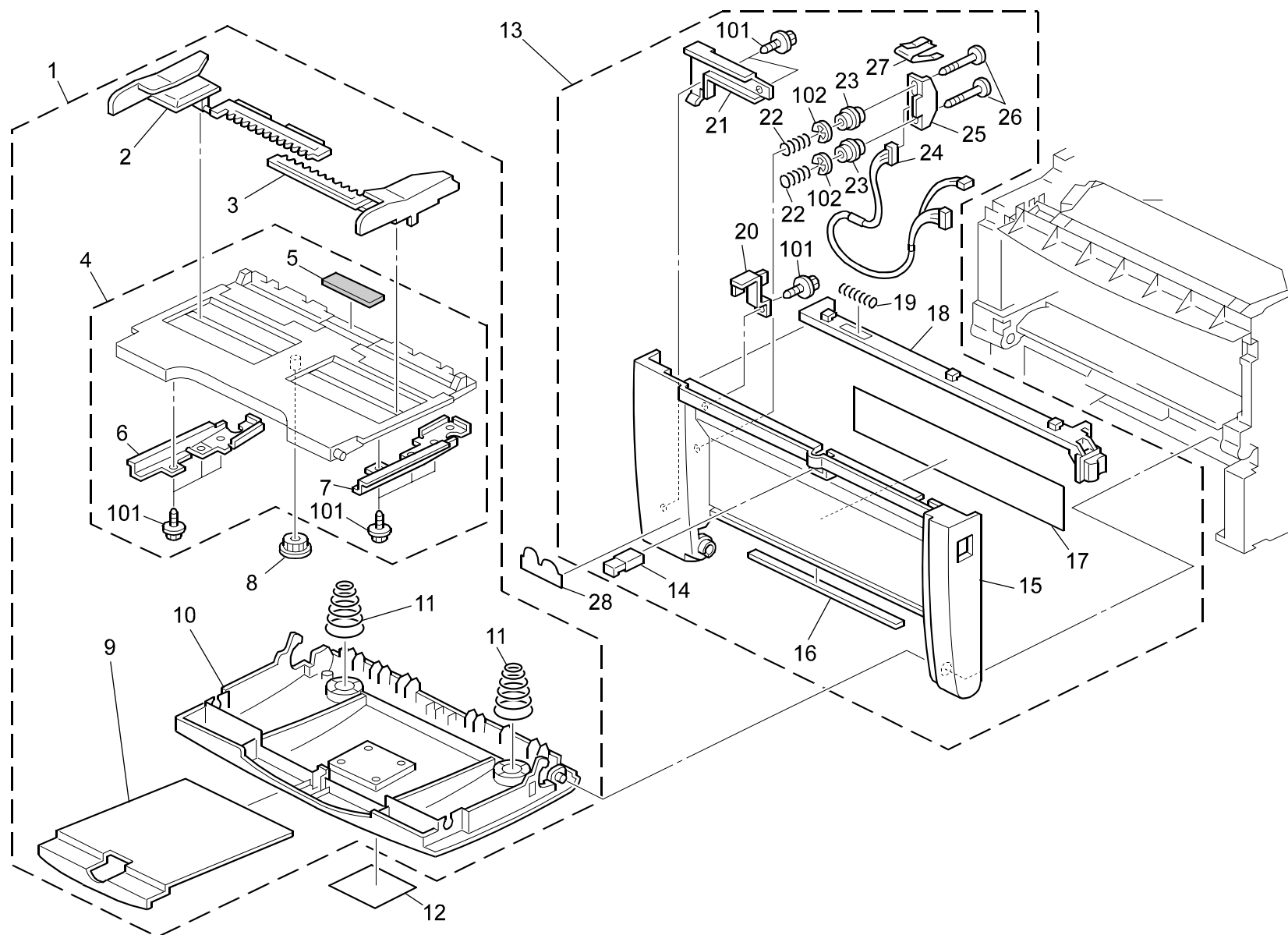
PARTS CATALOG

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October ,20 ' 2006

1.EXTERIOR 1 (G094/G095/G112/G113)

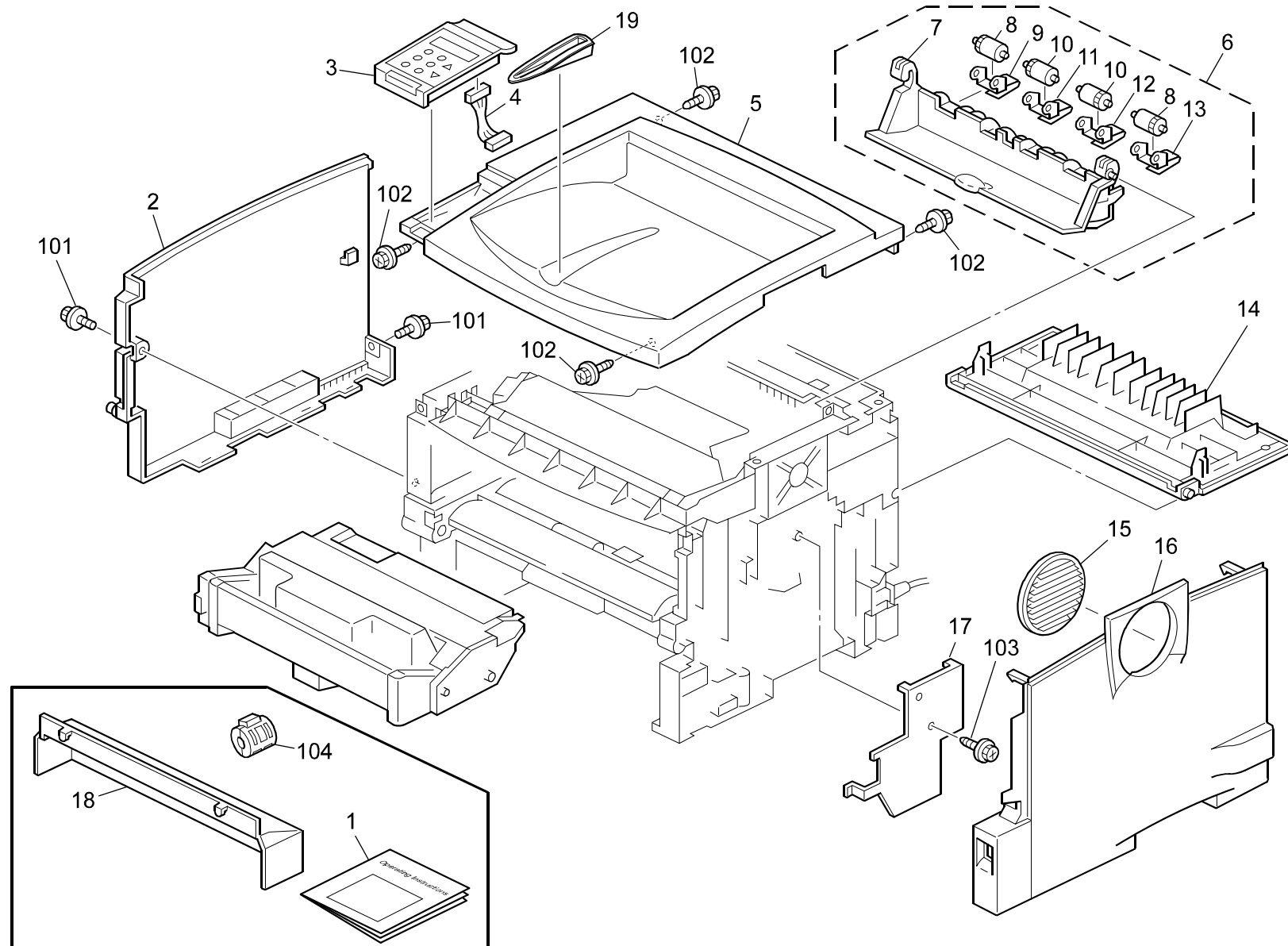


1.EXTERIOR 1 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G096 3270	Manual Feed Table Ass'y	1
2	G096 3277	Left Manual Feed Side Fence	1
3	G096 3276	Right Manual Feed Side Fence	1
4	G096 3273	Manual Feed Base Adhesion	1
5	5215 2713	Bottom Plate Pad (RoHs)	1
5	G029 2608	Base Pad	1
6	G076 3281	Supporting Plate:Base:Manual FE	1
7	G076 3282	Supporting Plate:Base:Manual FE	1
8	G800 3133	Side Fence Gear	1
9	G096 3341	Manual Feed Extension Tray	1
10	G096 3272	Manual Feed Table Cover	1
11	G052 3278	Spring - Bypass	2
12	G094 2370	Model Name Plate EXP (G094)(RIC)	1
12	G094 2371	Model Name Plate:NST (G094)	1
12	G094 2372	Model Name Plate:REX (G094)	1
12	G094 2373	Model Name Plate:GES (G094)	1
12	G094 2375	Model Name Plate LAN (G094)	1
12	G095 2370	Model Name Plate EXP (G095)(RIC)	1
12	G095 2371	Model Name Plate NST (G095)	1
12	G095 2372	Model Name Plate REX (G095)	1
12	G095 2373	Model Name Plate GES (G095)	1
12	G095 2375	Model Name Plate LAN (G095)	1
12	G112 0403	Model Name Plate:RIC:EXP (G112)	1
12	G113 0403	Model Name Plate:RIC:EXP (G113)	1
12	G112 6651	Model Name Plate:Savin:NA:G112	1
12	G112 6652	Model Name Plate:GES:NA:G112	1
12	G112 6655	Model Name Plate:LAN:NA:G112	1
12	G113 6655	Model Name Plate:Savin:NA:G113	1
12	G113 6652	Model Name Plate:GES:NA:G113	1
12	G113 6657	Model Name Plate:LAN:NA:G113	1
12	G113 6653	Model Name Plate:LAN:G113-24	1
12	G112 7051	Model Name Plate:NST:G112-22	1
12	G112 7052	Model Name Plate:REX:G112-22	1
12	G112 7053	Model Name Plate:GES:G112-22	1
12	G113 7051	Model Name Plate:NST:G113-22	1

Index No.	Part No.	Description	Q'ty Per Assembly
12	G113 7052	Model Name Plate:REX:G113-22	1
12	G113 7053	Model Name Plate:GES:G113-22	1
13	G096 1506	Front Door Ass'y (NA)(G094/G095)	1
13	G098 1506	Front Door Ass'y (EU)(G094/GG95)	1
13	G129 1260	Front Door Ass'y - EU (G112/G113)	1
13	G129 1280	Front Door Ass'y - NA (G112/G113)	1
14	AG07 1007	Latch - By Pass Feed Table	1
15	G096 1566	Front Door (NA)	1
15	G098 1566	Front Door (EU)	1
16	G052 3356	Sheet - Soundproof	1
17	G096 1551	Misfeed Removal Decal	1
18	G096 1516	Door Lever	1
19	G052 1518	Spring - Lock Lever	1
20	G096 1517	Shutter Feeler	1
21	G096 1545	Harness Cover (G094/G095)	1
21	G129 1251	Harness Cover (G112/G113)	1
22	G052 1541	Spring - Receptacle	2
23	G052 1542	Collar - Receptacle	2
24	G111 3539	Internal Thermistor (RoHs)	1
24	G088 3539	Thermistor - Inner	1
25	G052 5362	Receptacle - 99RH144	1
26	G052 1543	Step Screw	2
27	G052 1544	Spring Plate - Receptacle	1
28	G094 2374	Decal- ES+PS	1
28	GA00 1038	Decal;PS	1
101	0450 3008N	Tapping Screw - M3x8	
102	0720 0020E	Retaining Ring - M2	

2.EXTERIOR 2 (G094/G095/G112/G113)

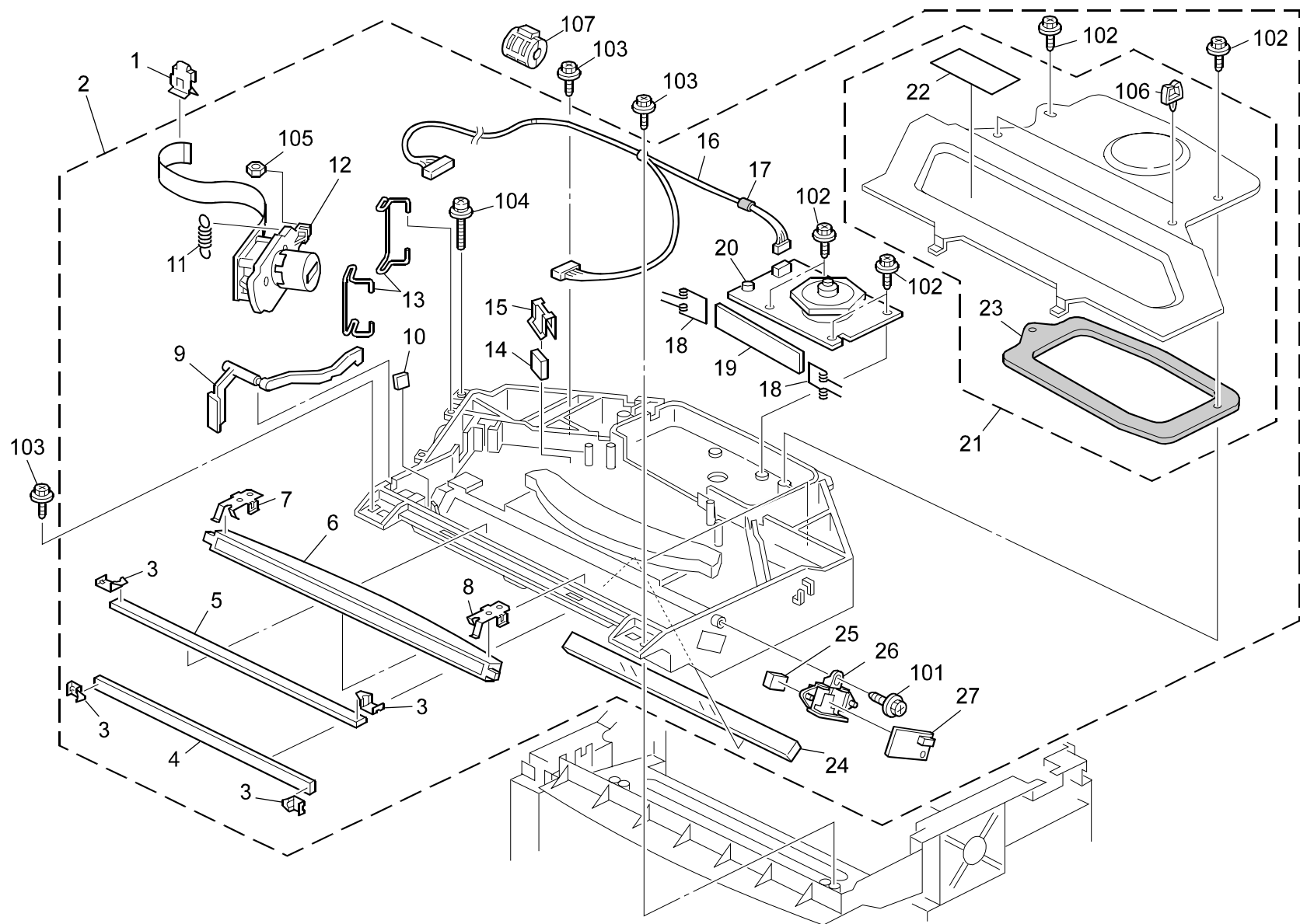


2.EXTERIOR 2 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G095 8617	Operating Instructions - AP400/400N (NA) (G094/G095)	1
1	G112 8604	O/I - Setup Guide : C-P2 (NA)(G112/G113)	1
1	G112 8610	O/I - Maintenance Guide : C-P2 (NA) (G112/G113)	1
2	G096 1564	Left Cover (NA)(G094/G095)	1
2	G098 1564	Left Cover (EU)(G094/G095)	1
2	G129 1250	Cover:Left (NA)(G112/G113)	1
2	G129 1253	Left Cover - EU (G112/G113)	1
3	G094 1920	Operation Panel Ass'y (G094/G095)	1
3	G129 1400	Operation Panel Ass'y (G112/G113)	1
4	G096 5406	Harness - Operation Panel (G094/G095)	1
4	G129 5406	Harness:Operation Panel (G112/G113)	1
5	G096 1652	Upper Cover (NA)	1
5	G098 1652	Upper Cover (EU)	1
6	G096 1509	Paper Exit Sub-unit Ass'y	1
7	G096 1512	Exit Cover	1
8	G052 4875	Inner Exit Cover Roller	2
9	G052 4871	Left Holder - Exit Driven Roller	1
10	G052 4873	Outer Exit Cover Roller	2
11	G052 4876	Left Spring Plate	1
12	G052 4877	Right Spring Plate	1
13	G052 4872	Right Holder - Exit Driven Roller	1
14	G096 1563	Rear Cover (NA)(G094/G095)	1
14	G098 1563	Rear Cover (EU)(G094/G095)	1
14	G129 1252	Cover:Rear (NA)(G112/G113)	1
14	G129 1254	Rear Cover - EU (G112/G113)	1
15	G096 1651	Louver	1
16	G096 1650	Right Cover (NA)	1
16	G098 1650	Right Cover (EU)	1
17	G096 1257	Warning Cover (Electrical)	1
18	G096 3111	Cassette Cover	1
19	G096 1653	Paper Tray Extension (NA)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0450 4010N	Tapping Screw - 4x10	
103	0450 3008N	Tapping Screw - M3x8	
104	1607 1565	Ferrite Core:ATFC-16813	

3.LD UNIT (G094/G095/G112/G113)



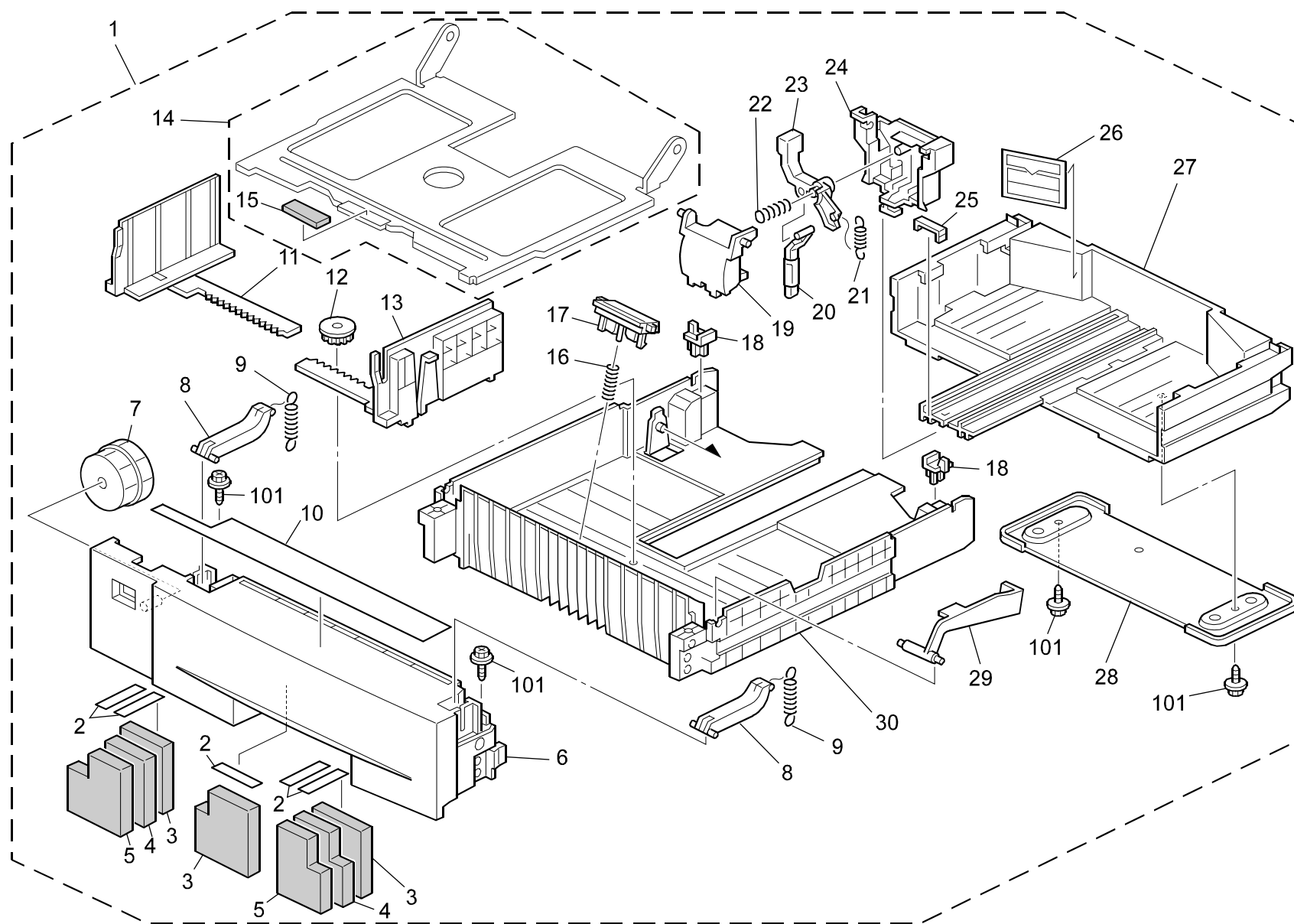
3.LD UNIT (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G052 1212	Clip	1
2	G096 2702	Imaging Unit Ass'y (G094/G095)	1
2	G129 1906	Imaging Unit:EXP:Ass'y (G112/G113)	1
3	G052 2774	Mirror Clamp	4
4	GC03 0026	Mirror - 1	1
5	GC03 0027	Mirror - 2	1
6	GC02 5010	DTL	1
7	G052 2771	Right DTL Holder	1
8	G052 2772	Left DTL Holder	1
9	G052 2780	Shutter - LD	1
10	GC03 0028	Mirror - Sync Detector	1
11	G052 2764	Spring - LD Unit	1
12	G088 2760	Laser Diode Unit:Ass'y (G094/G095)	1
12	G129 1912	Laser Diode Unit Ass'y (G112/G113)	1
13	G052 2763	LD Holder	2
14	GC02 5011	Cylindrical Lens	1
15	G052 2773	Cylindrical Lens Holder	1
16	G091 5403	Harness:Polygon Motor:Sync (G094/G095)(RoHs)	1
16	G088 5403	Harness - Polygon Mirror Motor (G094/G095)	1
16	G129 5403	Harness:Polygon Motor:Sync Detector (G112/G113)	1
17	G088 2775	Shield:Harness	1
18	G052 2777	Spring Holder - Shield Glass	2
19	GC01 5005	Shield Glass - Polygon Motor	1
20	GX06 0023	Polygon Scanner:35501rpm (G094/G095)(RoHs)	1
20	G088 2770	Polygon Scanner - 35501rpm (G094/G095)	1
20	GX06 0024	Polygon Scanner:38015rpm DC24V1.0A (G112/G113) (RoHs)	1
20	G129 1908	Polygon Scanner:38015rpm (G112/G113)	1
21	G088 2785	Cover:Optical Housing:Ass'y	1
22	G029 1982	LD - Decal	1
23	G088 2789	Shield:Cover:Polygon Scanner	1
24	GC01 5006	Shield Glass (G094/G095)	1



Index No.	Part No.	Description	Q'ty Per Assembly
24	G129 1902	Shield Glass (G112/G113)	1
25	G029 1975	Cylindrical Lens	1
26	G052 2791	Sync Detector Holder	1
27	G052 5060	Synchronization Detector	1
101	0450 3006N	Tapping Screw - M3x6	
102	0450 3008N	Tapping Screw - M3x8	
103	0450 3012N	Tapping Screw - 3x12	
104	0951 3016N	Philips Screw With Washer - M3x16	
105	0712 0030N	Hexagon Nut - M3	
106	1105 0229	Clamp	
107	1607 1565	Ferrite Core:Atfc-16813 (EU)	

4.PAPER TRAY (G094/G095/G112/G113)

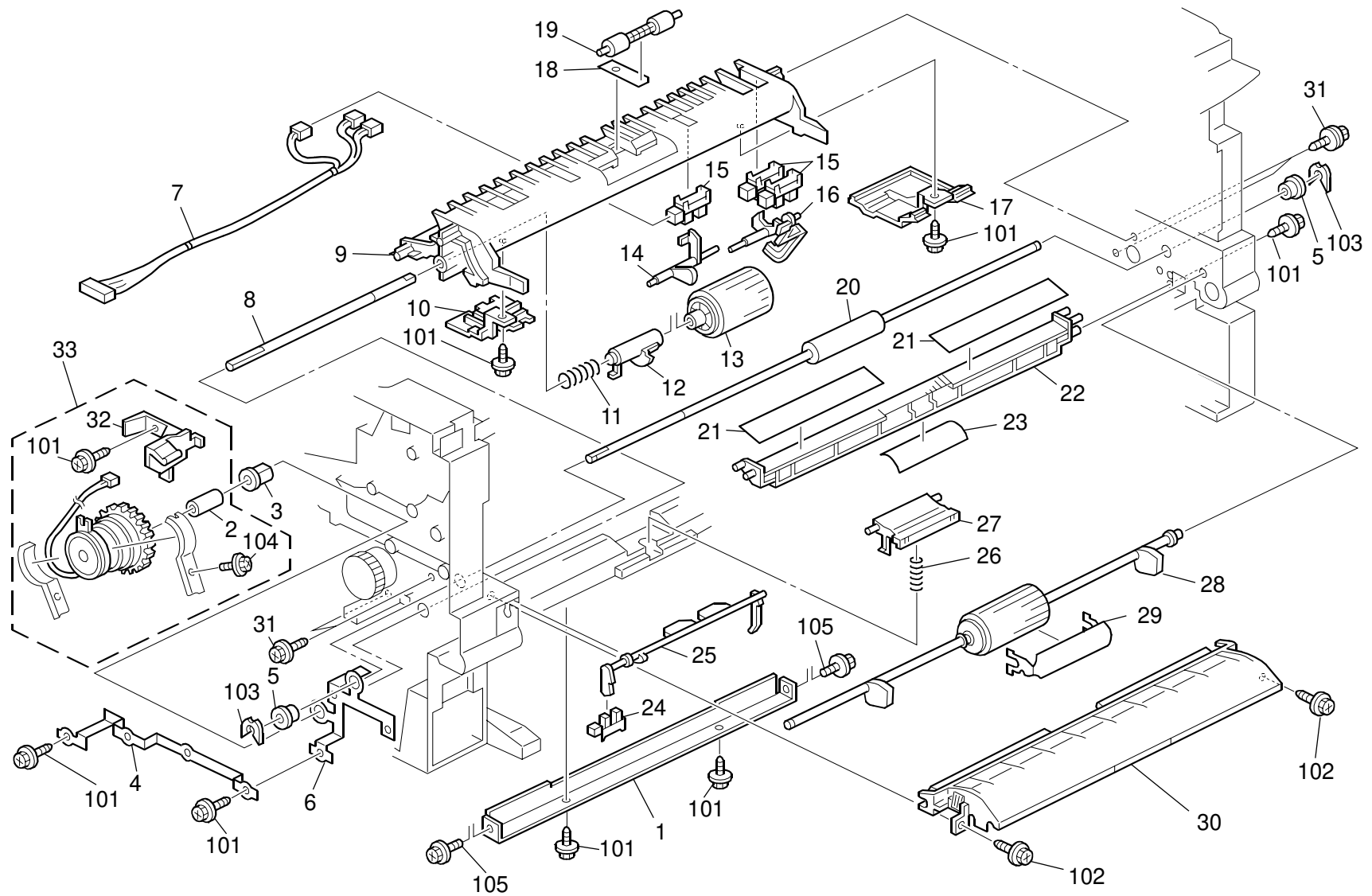


4.PAPER TRAY (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G096 3050	Paper Tray Ass'y	1
2	G096 3094	Tape - Sheet : Tray	5
3	G360 3091	Sheet - Tray 1	3
4	G360 3092	Sheet - Tray 2	2
5	G360 3093	Sheet - Tray 3	2
6	G096 3052	Paper Tray Cover	1
7	G096 3075	Paper Size Sensor Board	1
8	G096 3071	Paper Tray Arm	2
9	G096 3083	Spring Tension	2
10	G096 3144	Paper Set Direction Label	1
11	G096 3055	Left Side Fence	1
12	A267 2869	Gear - 16Z	1
13	G096 3056	Right Side Fence	1
14	G102 2818	Tray Bottom Plate:Adhesion (RoHs)	1
14	G096 3053	Tray Bottom Plate Adhesion	1
15	5215 2713	Bottom Plate Pad (RoHs)	1
15	G029 2608	Base Pad	1
16	G096 3084	Separation Compression Spring	1
17	G096 3066	Friction Pad Adhesion	1
18	G029 2609	Cassette Protection	2
19	G096 3088	End Fence Pressure	1
20	G096 3087	End Fence Protection	1
21	G096 3090	End Fence Tension Spring 12n	1
22	G096 3089	End Fence Compression Spring 3.5n	1
23	G096 3086	End Fence Lever	1
24	G096 3085	End Fence	1
25	G096 3063	Paper Tray Cap	1
26	G096 3078	Protection Label	1
27	G096 3060	Rear Paper Tray	1
28	G096 3065	Paper Tray Supporting Plate	1
29	G096 3070	Paper Volume Sensor Board	1
30	G096 3051	Paper Tray	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	

5.PAPER REGISTRATION 1 (G094/G095/G112/G113)

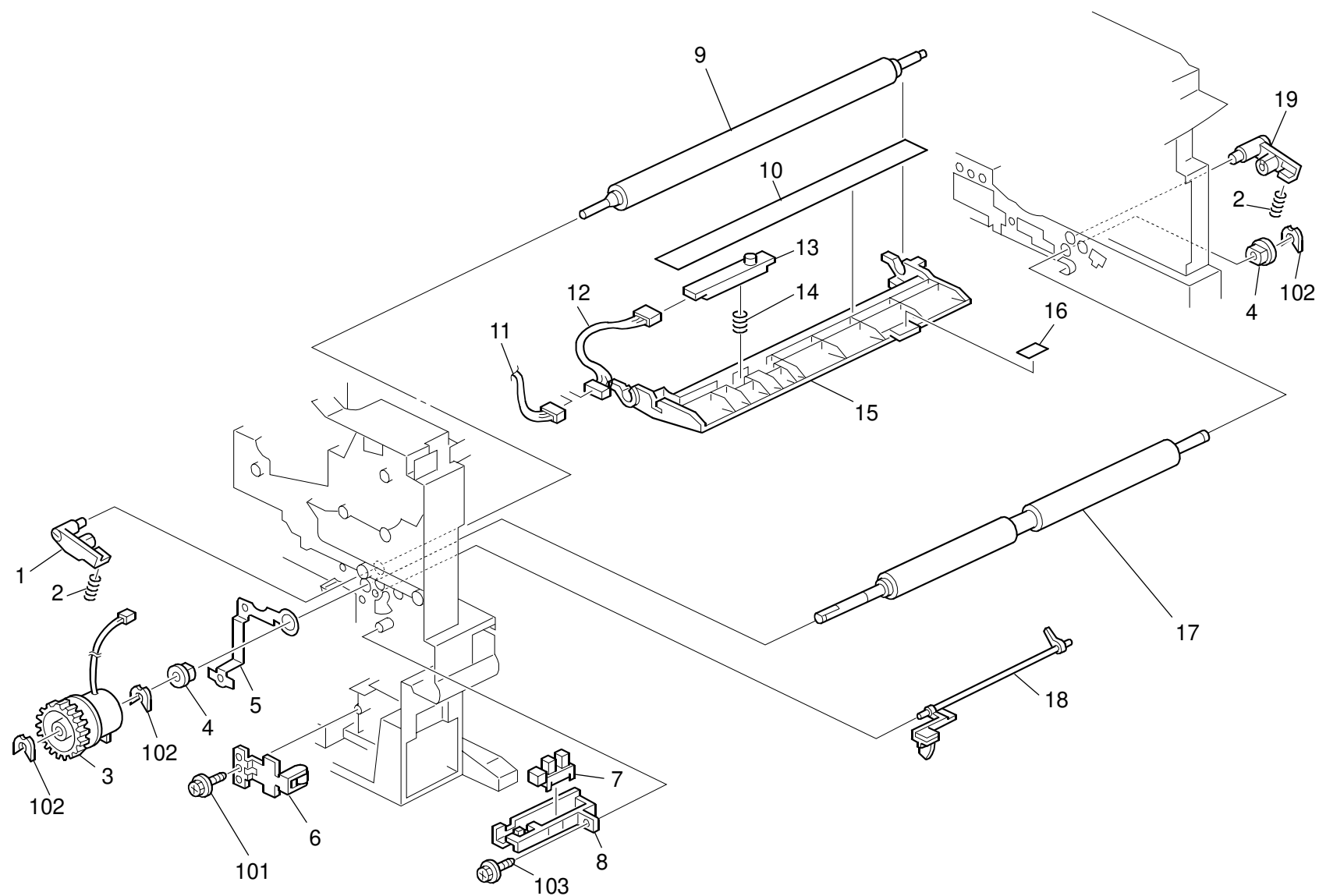


5.PAPER REGISTRATION 1 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G096 3301	Support Plate Stay : Bypass	1
2	G052 3138	Paper Feed Spacer	1
3	AA08 2075	Bushing - M6	1
4	G096 3337	Auxiliary Ground Plate	1
5	AA08 2058	Bushing - 6x10x9mm	3
6	G096 3335	Paper Feed Ground Plate	1
7	G129 5400	Harness:Fst:Connecting (RoHs)	1
7	G096 5400	Fst Connecting Harness	1
8	G096 3101	Paper Feed Shaft	1
9	G096 3100	Paper Feed Stay	1
10	G096 3106	Left Stay Cover	1
11	G029 2657	Compression Spring	1
12	G052 3106	Bushing - Paper Feed Roller	1
13	G052 3103	Paper Feed Roller	1
14	G096 3104	Paper End Sensor Feeler	1
15	AW02 0141	Photointerruptor (RoHs)	3
15	AW02 0075	Photointerruptor	3
16	G096 3105	Paper Volume Sensor Feeler	1
17	G096 3107	Right Stay Cover	1
18	G052 3304	Spring Plate - Paper Transport	1
19	G052 3303	Paper Transport Roller	1
20	G096 3332	Connecting Roller	1
21	G096 3306	Connecting Guide Roller	2
22	G096 3294	Connecting Guide Plate	1
23	G052 3307	Transport Guide Mylar	1
24	AW02 0145	Photointerruptor:Flat (RoHs)	1
24	AW02 0120	Photointerruptor - Flat	1
25	G096 3286	Manual Feed Feeler	1
26	G096 3292	Spring - Manual Feed	1
27	G076 3290	Friction Pad:Manual Feed:Ass'y	1
28	G096 3288	Manual Paper Feed Roller (G094/G095)	1
28	G096 3288	Manual Paper Feed Roller (G112/G113) (RoHs)	1
28	G129 2552	Paper Feed Roller:Manual Feed (G112/G113)	1

Index No.	Part No.	Description	Q'ty Per Assembly
29	G029 2767	By-pass Feed Cover	1
30	G096 3280	Manual Feed Frame	1
31	G116 4159	Screw:M3x14 (RoHs)	4
31	G029 4159	Screw - M3x13	4
32	G052 3139	Stopper:Magnetic Clutch	1
33	G052 3140	Magnetic Clutch Assembly (G094/G095)	1
33	G129 2583	Magnetic Clutch Ass'y - Paper Feed (G112/G113)	1
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3010N	Tapping Screw - M3x10	
103	0805 0089	Retaining Ring - M4	
104	0451 3006N	Tapping Screw - M3x6	
105	0451 3008N	Tapping Screw - M3x8	

6.PAPER REGISTRATION 5 (G094/G095/G112/G113)

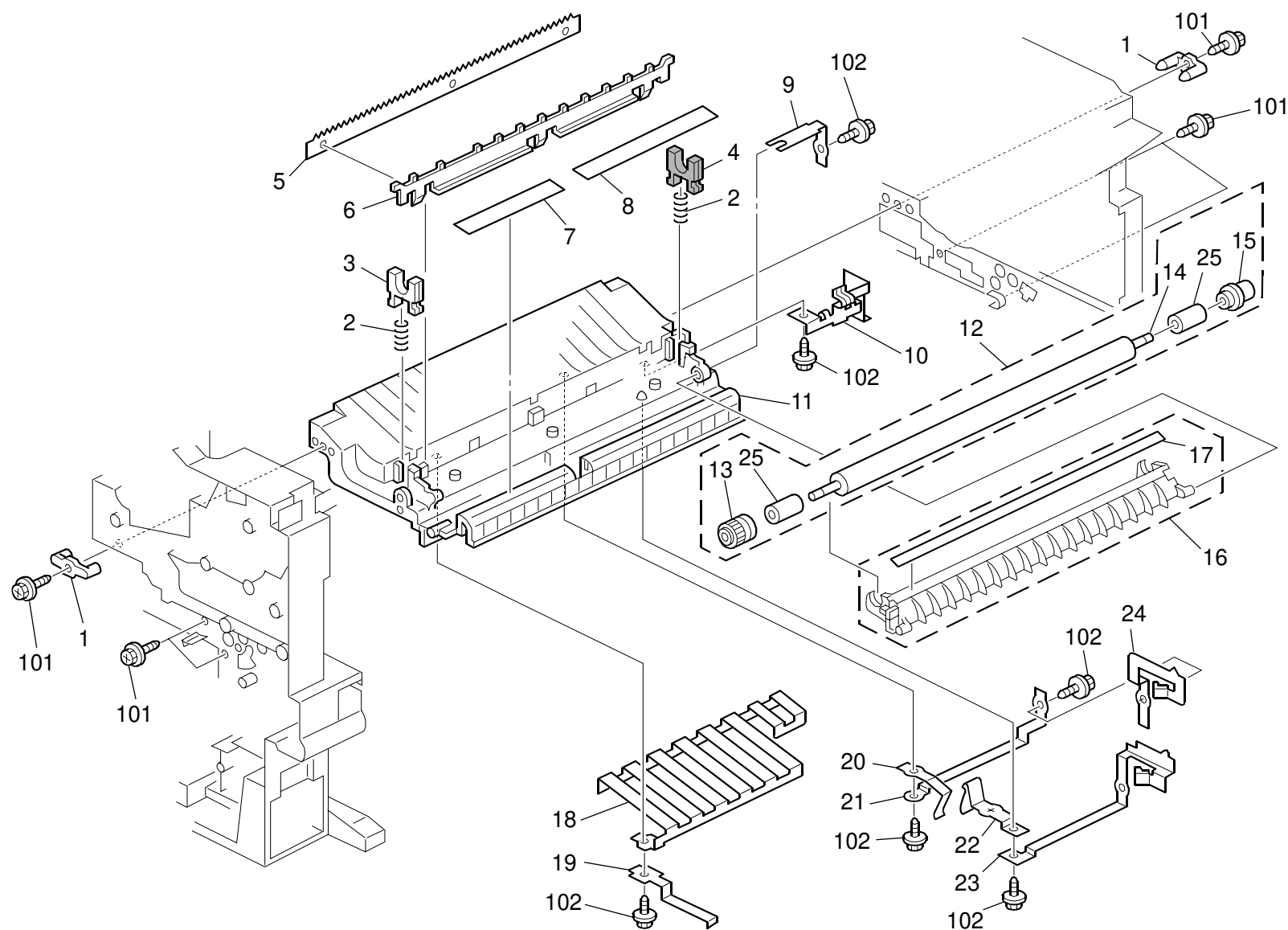


6.PAPER REGISTRATION 5 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G052 3258	Left Bushing - Registration	1
2	AA06 3539	Spring - Registration Roller	2
3	G076 3205	Magnetic Clutch:Registration:Ass'y (G094/G095)	1
3	G129 2585	Magnetic Clutch Ass'y - Regist (G112/G113)	1
4	AA08 2144	Bushing - 8x12x7 (RoHs)	2
4	AA08 2047	Bushing - 8x16x7	2
5	G096 3336	Registration Drive Ground Plate	1
6	G096 1087	Paper Tray Spring Plate Ass'y	1
7	AW02 0141	Photointerruptor (RoHs)	1
7	AW02 0075	Photointerruptor	1
8	G052 3323	Registration Sensor Bracket	1
9	G096 3315	Driven Registration Roller Mm14	1
10	G096 3267	Registration Film Cleaner	1
11	G096 5405	Harness - Toner End Sensor EGB (G095)	1
11	G129 5405	Harness:Toner End Sensor:EGB (G112/G113)	1
12	G111 5404	Harness - Toner End Sensor (RoHs)	1
12	G052 5404	Interface Harness - TE Sensor	1
13	G052 3390	Toner End Sensor	1
14	G052 3396	Spring - Toner End Sensor	1
15	G096 3266	Upper Registration Guide Plate	1
16	G052 3351	Decal - Registration	1
17	G096 3316	Drive Registration Roller	1
18	G096 3254	Registration Feeler Ass'y	1
19	G052 3257	Right Bushing - Registration	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0805 0088	Retaining Ring - M6	
103	0450 3010N	Tapping Screw - M3x10	

7.TRANSFER SECTION (G094/G095/G112/G113)

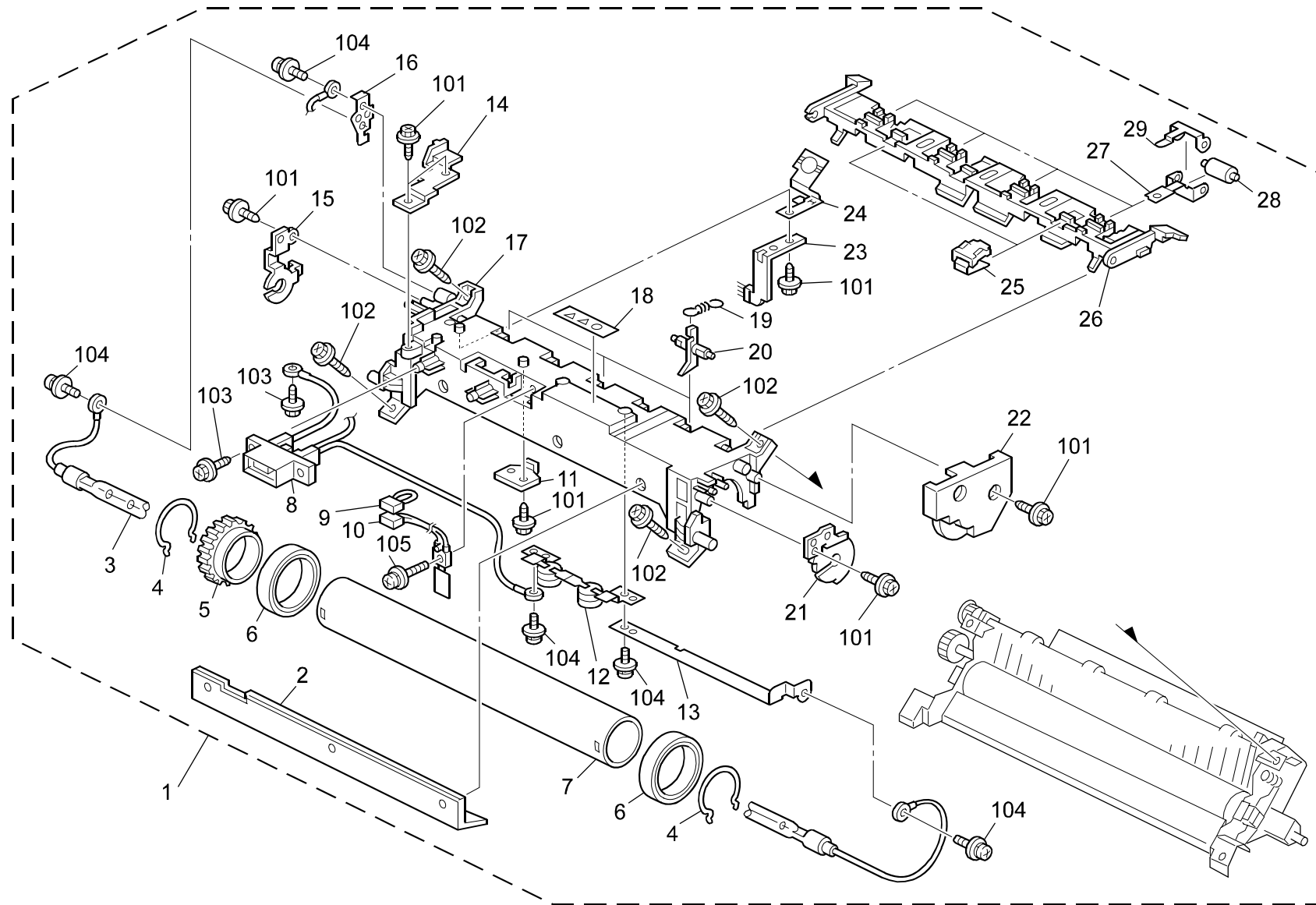


7.TRANSFER SECTION (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G096 1019	Transport Guide Pin	2
2	G052 3627	Spring - Transfer	2
3	G052 3626	Left Bushing - Transfer	1
4	G052 3625	Right Bushing - Transfer	1
5	G096 3621	Separation Electrode Plate	1
6	G096 3622	Electrode Plate Cover	1
7	G096 3345	Registration Guide	1
8	G096 3346	Registration Guide Long	1
9	G052 3623	Transfer Terminal	1
10	G052 3624	Separation Terminal	1
11	G096 1018	Transport Guide	1
12	G129 6260	Transfer Roller Ass'y (G094/G095) (RoHs)	1
12	G096 3610	Transfer Roller Ass'y (G094/G095)	1
13	G076 3619	Transfer Roller Gear (G094/G095)	1
13	G129 6252	Gear - Transfer Roller (G112/G113)	1
14	G111 6256	Transfer Roller (G094/G095) (RoHs)	1
14	G096 3616	Transfer Roller (G094/G095)	1
14	G129 6257	Transfer Roller (G112/G113)	1
15	G129 6251	Positioning Roller - Transfer (G094/G095)(RoHs)	1
15	G052 3618	Positioning Roller - Transfer (G094/G095)	1
15	G129 6251	Positioning Roller - Transfer (G112/G113)	1
16	G096 3640	Transfer Guide Plate Ass'y	1
17	G096 3641	Transfer Guide Plate Sheet	1
18	G096 3628	Transport Guide Ground Plate	1
19	G096 3629	Transport Terminal Guide	1
20	G052 1255	Charge Terminal - High Voltage	1
21	G052 1254	Inner Terminal - Charge	1
22	G052 1256	Development Terminal - High Voltage	1
23	G052 1253	Development Terminal	1
24	G052 1251	Charge Terminal	1
25	G129 6255	Bushing	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3012N	Tapping Screw - 3x12	
102	0450 3008N	Tapping Screw - M3x8	

8.FUSING UNIT 1 (G094/G095/G112/G113)

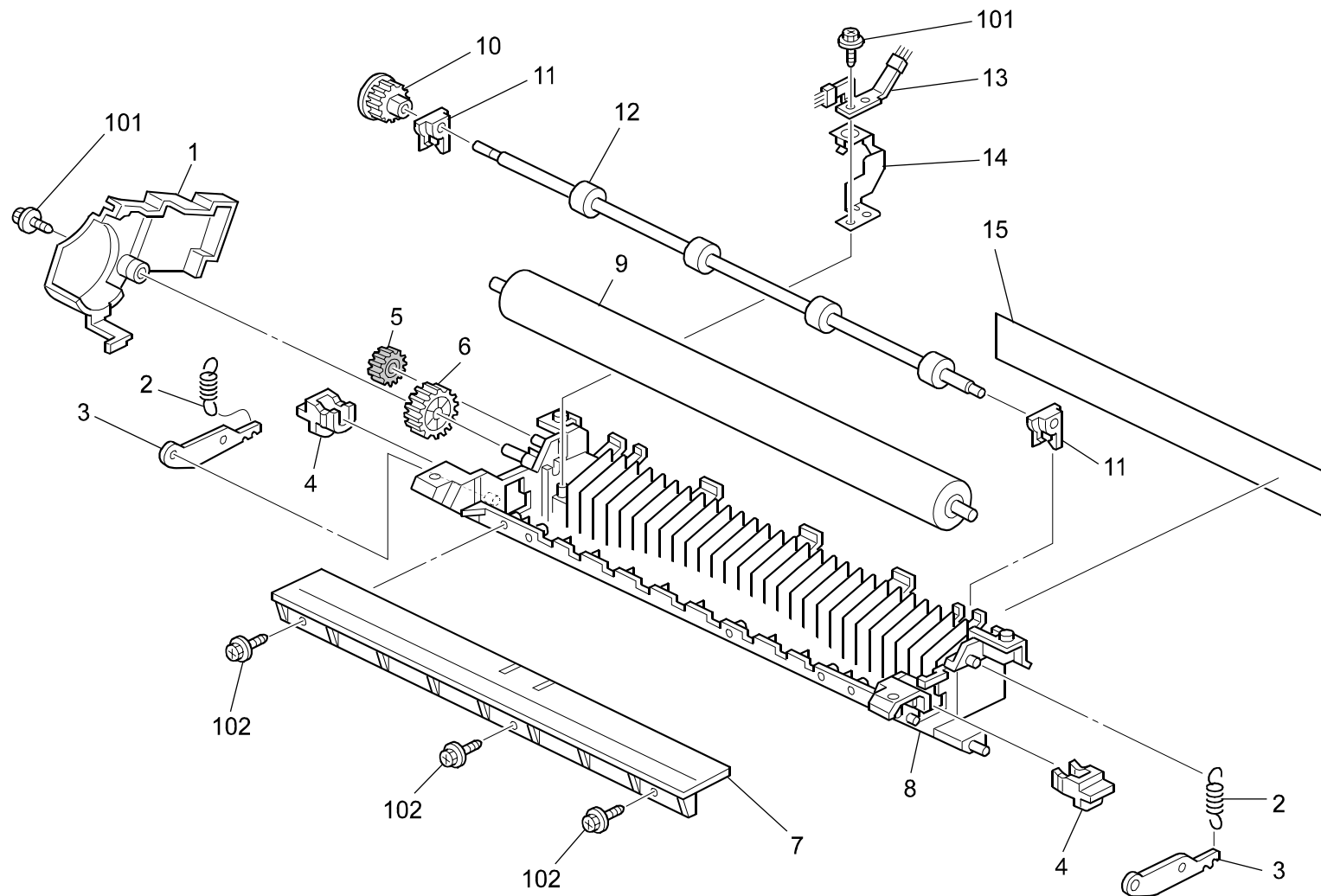


8.FUSING UNIT 1 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G097 4552	Fusing Unit Ass'y - NA (G094/G095)	1
1	G096 4553	Fusing Unit EU Ass'y (G094/G095)	1
1	G129 4117	Fusing Unit Ass'y - NA (G112/G113)	1
1	G129 4127	Fusing Unit Ass'y - EU (G112/G113)	1
2	G096 4644	Upper Entrance Guide Plate	1
3	AX44 0178	Fusing Lamp - 650W/120V	1
3	AX44 0179	Heater 650W/230V	1
4	G052 4700	External Circlip	2
5	G052 4619	Hot Roller Gear	1
6	G052 4618	Bearing 30x42x7	2
7	G129 4063	Hot Roller	1
8	G096 5500	Fusing Drawer 100V	1
8	G096 5510	Fusing Drawer 230V	1
9	G052 5520	Drawer Ass'y - Fusing Set 115V (G094/G095)	1
9	G052 5521	Drawer Ass'y - Fusing Set - 230V (G094/G095)	1
9	G088 5520	Fusing Drawer Sensor NA Ass'y (G112/G113)	1
9	G088 5521	Fusing Drawer Set Sensor EU Ass'y (G112/G113)	1
10	G096 5501	Fusing Thermistor	1
11	G096 4625	Fusing Harness Plate	1
12	G096 4611	Thermostat Ass'y	1
13	G096 4602	Right Electrode Plate	1
14	G096 4695	Upper Harness Plate	1
15	G096 4615	Left Fusing Lamp Bracket	1
16	G052 4617	Heater Terminal	1
17	G096 4629	Upper Fusing Frame Ass'y	1
18	AA00 0301	Decal Warning (High Temperature)	1
19	G052 4622	Spring - Fusing Stripper	2
20	G052 4624	Hot Roller Stripper	3
21	G096 4616	Right Heater Bracket	1
22	G096 4692	Fusing Right Cover	1
23	G052 4642	Discharge Brush - Fusing	1

Index No.	Part No.	Description	Q'ty Per Assembly
24	G052 4690	Ground Plate - Fusing	1
25	G052 4647	Spring Plate - Fusing Exit	2
26	G096 4635	Upper Fusing Exit Guide Plate	1
27	G052 4639	Exit Roller Holder	4
28	G800 4854	Exit Roller	4
29	G096 4638	Exit Roller Supporting Plate	4
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3012N	Tapping Screw - 3x12	
103	0450 3010N	Tapping Screw - M3x10	
104	0954 3008N	Philips Screw - M3x8	
105	0954 3010N	Philips Screw - M3x10	

9.FUSING UNIT 2 (G094/G095/G112/G113)

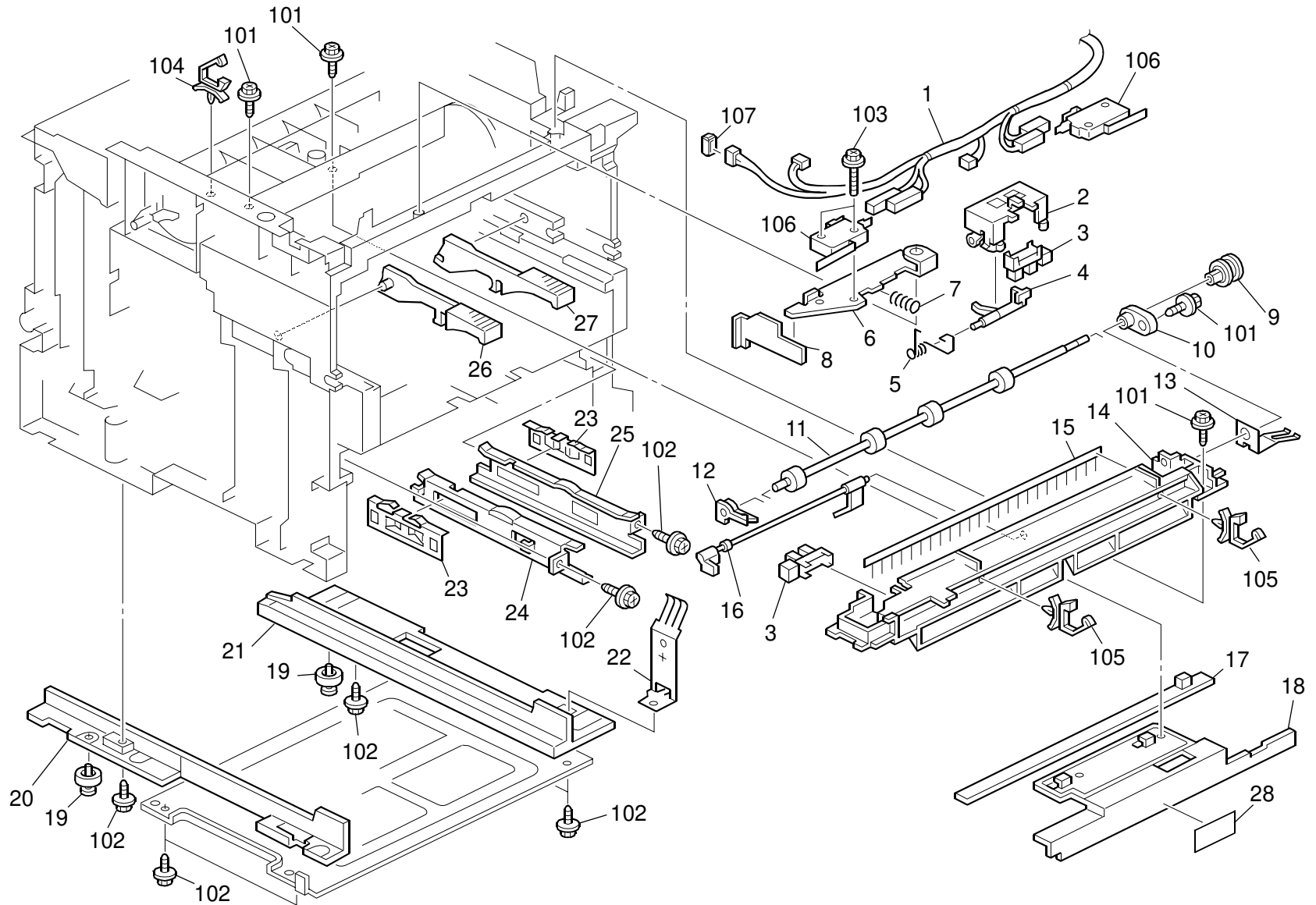


9.FUSING UNIT 2 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G096 4698	Left Fusing Cover	1
2	G096 4664	Pressure Fusing Spring (G094/G095)	2
2	G129 4102	Pressure Spring - Fusing (G112/G113)	2
3	G052 4662	Pressure Roller Lever	2
4	G052 4665	Bushing - Pressure Roller	2
5	G052 4676	Gear - Fusing Idler	1
6	G052 4677	Gear - Fusing Idler	1
7	G096 4681	Fusing Entrance Guide Plate	1
8	G096 4650	Pressure Frame	1
9	AE02 0126	Pressure Roller	1
10	G052 4673	Gear - Paper Exit	1
11	G800 4851	Bushing	2
12	G096 4674	Fusing Exit Roller	1
13	G052 4692	Discharge Brush - Pressure	1
14	G052 4691	Ground Plate - Fusing Pressure	1
15	G052 4693	Decal - High Temperature	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3010N	Tapping Screw - M3x10	

10.PAPER EXIT (G094/G095/G112/G113)

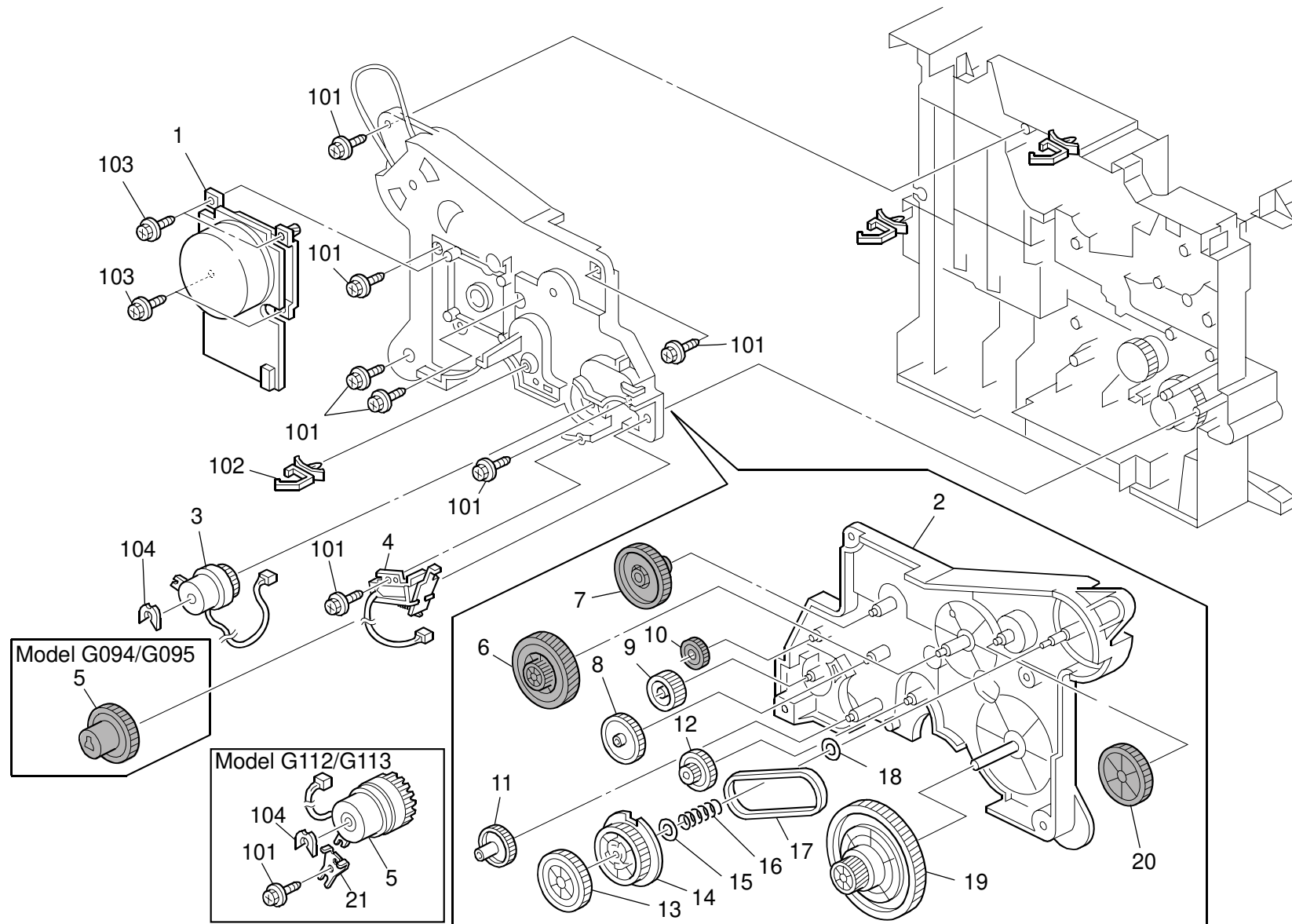


10.PAPER EXIT (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G096 5413	Harness - Exit Sensor (G094/G095)	1
1	G129 5413	Harness:Exit:Sensor (G112/G113)	1
2	G052 1044	Exit Feeler Holder	1
3	GW02 0020	Photointerruptor:LG248NL1 (RoHs)	2
3	AW02 0119	Photointerruptor - LG-248I1	2
4	G052 1042	Fusing Exit Feeler	1
5	G052 1046	Spring - Fusing Exit Feeler	1
6	G052 1272	Rear Cover SW Bracket	1
7	G052 1273	Spring - Micro Switch	1
8	G052 1274	Micro Switch Lever	1
9	G052 4855	Pulley - Paper Exit	1
10	G052 1049	Bushing - Paper Exit	1
11	G096 4850	Exit Roller	1
12	G800 4851	Bushing	1
13	G096 1262	Exit Roller Ground Plate	1
14	G096 1041	Exit Bracket	1
15	G096 4888	Exit Brush Discharge	1
16	G096 1043	Exhaust Sensor Feeler	1
17	G129 3522	Discharge Lamp:CASSIS (RoHs)	1
17	G096 3522	Discharge Lamp	1
18	G096 1032	Front Fusing Heat Insulating Plate	1
19	GH01 0007	Rubber Foot - FF-006(P4070)N	2
20	G096 1081	Right Paper Tray Rail	1
21	G096 1082	Left Paper Tray Rail	1
22	G096 1085	Base Ground Plate	1
23	G052 1027	Spring Plate - Duplex Rail	2
24	G096 1021	Right Duplex Rail	1
25	G096 1022	Left Duplex Rail	1
26	G052 4696	Right Fusing Lock Lever	1
27	G052 4697	Left Fusing Lock Lever	1
28	G128 1151	Decal:Warning (high Temperature) (G112/G113)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3012N	Tapping Screw - 3x12	
103	0451 3014N	Tapping Screw - M3x14	
104	1105 0487	Harness Clamp	
105	1105 0516	Clamp	
106	1204 2521	Micro Switch	
107	1102 4559	Connector - 3P	

11.DRIVE SECTION (G094/G095/G112/G113)

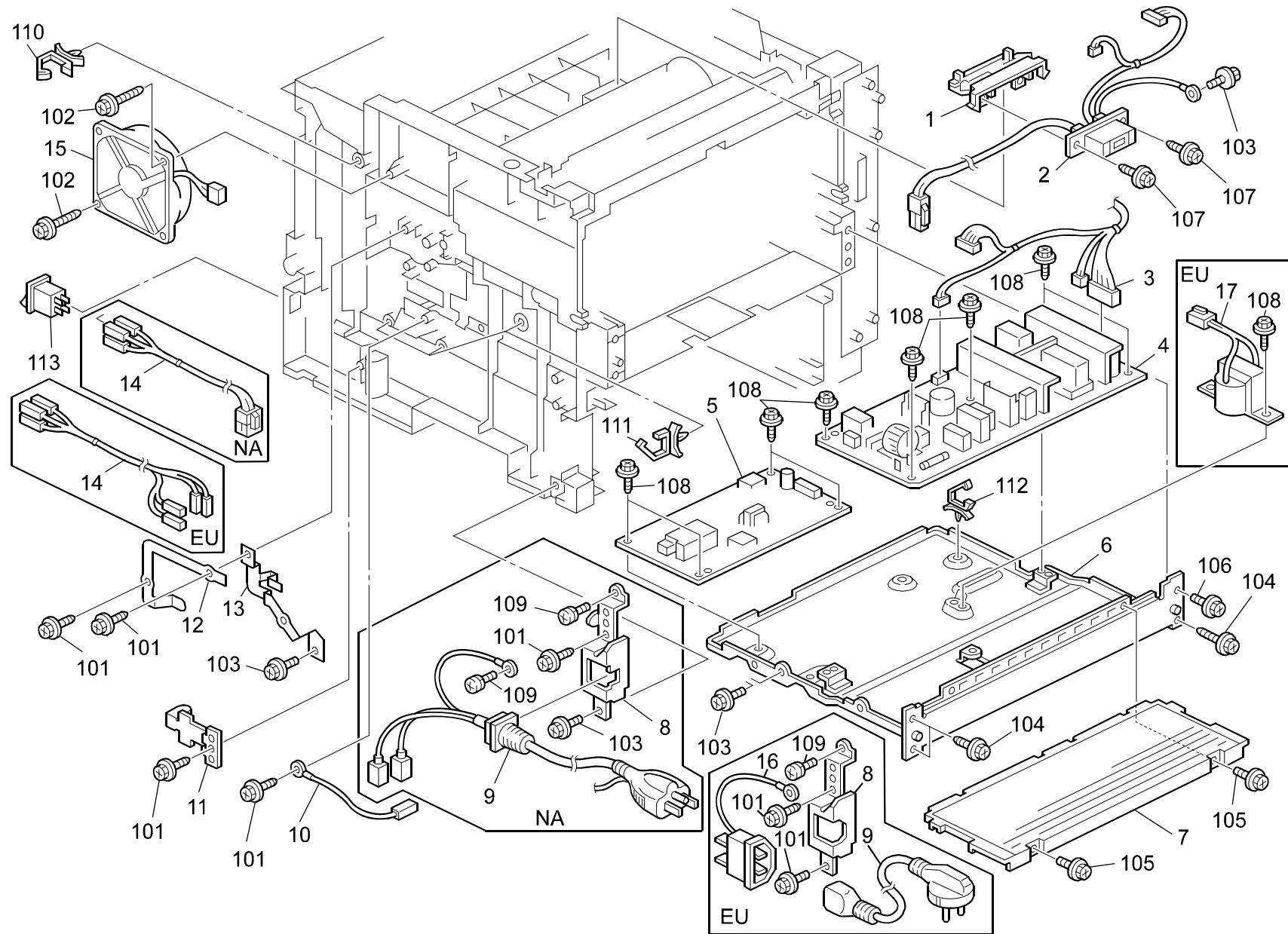


11.DRIVE SECTION (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G128 1150	Brushless Motor:24V:20W (G094/G095)(RoHs)	1
1	G088 1150	Brushless Motor:24V:20W (G094/G095)	1
1	G111 1035	Brushless Motor:24V:20W:RoHs(G112/113)	1
1	G129 1050	Brushless Motor:24V:20W (G112/G113)	1
2	G052 1102	Drive Unit Bracket	1
3	G096 3209	Magnetic Clutch 0.25n:M Z25:Ass'y	1
4	GX11 0019	DC Solenoid:24V:9.6W (RoHs)	1
4	G052 3388	Solenoid - DC24V (G094/G095)	1
5	G088 3297	Spring Clutch:Manual Feed (G094/G095)	1
5	G129 2551	Magnetic Clutch:1turn:Z41 (G112/G113)	1
6	G052 1104	Gear - Fusing 1	1
7	G052 1108	Gear - Paper Feed 1	1
8	G052 1109	Gear - Paper Feed 2	1
9	G052 1113	Gear - Paper Feed 6	1
10	G052 1112	Gear - Paper Feed 5	1
11	G052 1111	Gear - Paper Feed 4	1
12	G052 1110	Gear - Paper Feed 3	1
13	G052 1106	Gear - Fusing 3	1
14	G052 1107	Gear - Pulley - Fusing	1
15	5353 1803	Wave Washer	1
16	G052 1120	Spring - Paper Exit Release	1
17	G052 1121	Drive Belt	1
18	G052 1123	Spacer - Drive Unit	1
19	G088 1103	Gear:PCU	1
20	G052 1105	Gear - Fusing 2	1
21	G129 2550	Stopper:Magnetic Clutch (G112/G113)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3010N	Tapping Screw - M3x10	
102	1105 0292	Wire Saddle	
103	0450 4010N	Tapping Screw - 4x10	
104	0805 0089	Retaining Ring - M4	

12.ELECTRICAL SECTION 1 (G094/G095/G112/G113)

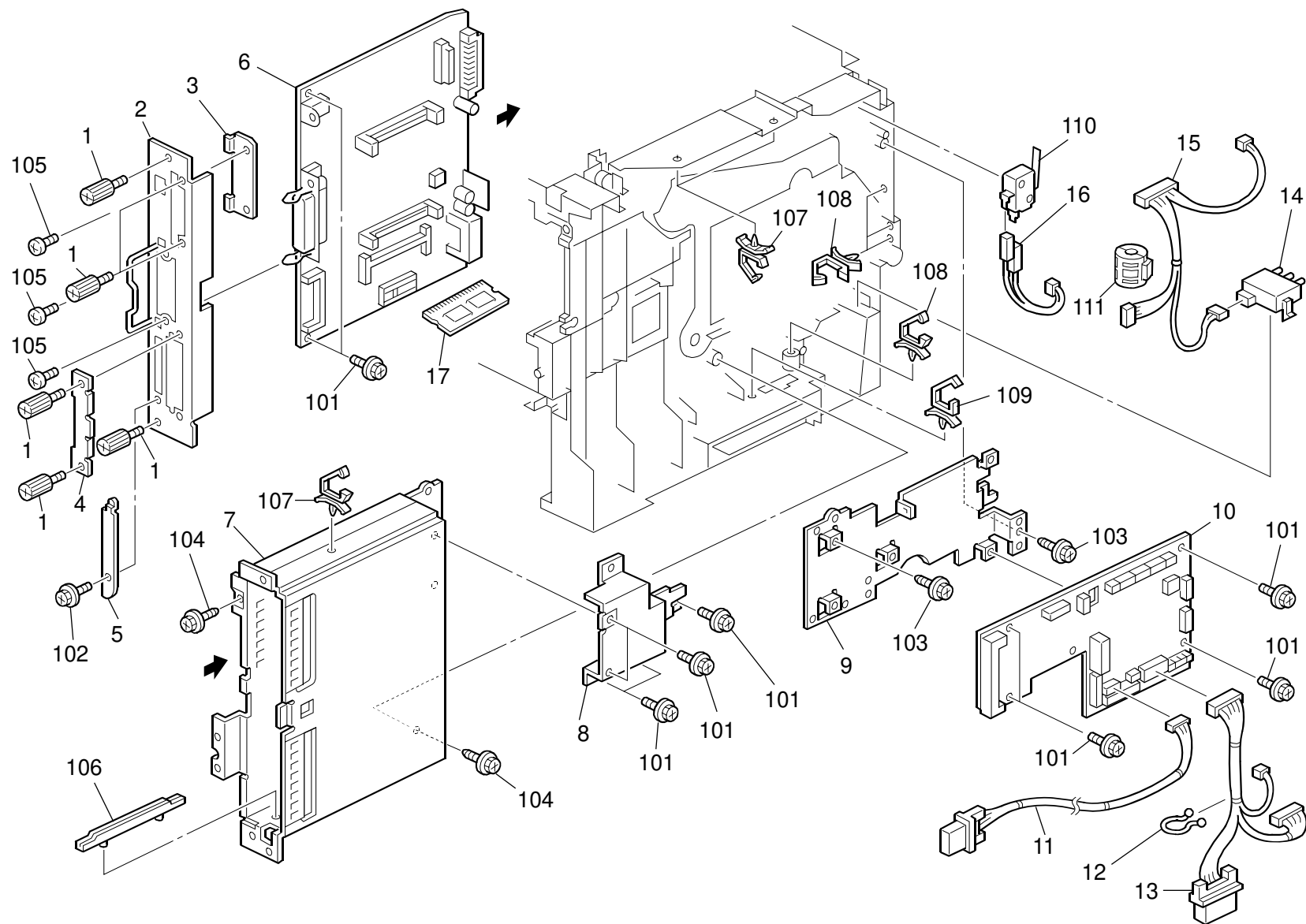


12.ELECTRICAL SECTION 1 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G052 1056	Fusing Drawer Bracket	1
2	G098 5416	Harness - Fusing NA (G094/G095)	1
2	G096 5417	Harness - Fusing EU (G094/G095)	1
2	G129 5416	Harness - Fusing : NA (G112/G113)	1
2	G129 5417	Harness - Fusing : EU (G112/G113)	1
3	G096 5407	Harness - Power Source (G094/G095)	1
3	G129 5407	Harness:Power Source (G112/G113)	1
4	GZ23 0023	Power Supply Unit:124W:RoHs	1
4	GZ23 0019	Power Supply Unit 124W	1
4	GZ23 0020	Power Supply Unit 124W EU	1
5	G129 5300	Power Pack:BCT:RoHs	1
5	G096 5300	Power Pack BCT	1
6	G096 1221	Power Supply Unit Bracket	1
7	G096 1031	Lower Fusing Heat Insulating Plate	1
8	G096 1259	Power Supply Cord Bracket (NA)	1
8	G096 1271	Inlet Bracket (EU)	1
9	G098 5511	Power Cord Stopper Ass'y - NA	1
9	GZ00 0003	Power Cord - 230V (G094/G095)	1
9	G102 5502	Power Supply Cord:EU (G112/G113)	1
10	G052 5419	Harness - Power Pack (G094/G095)	1
10	G111 5419	Harness - Power Pack (G112/G113)	1
11	G096 1087	Paper Tray Spring Plate Ass'y	1
12	G096 3338	Ground Plate:Driven:Registration:Ass'y	1
13	G052 1252	Drum Terminal	1
14	G096 5409	Harness - Main Switch (NA)(G094/G095)	1
14	G096 5411	Harness - Main Switch EU (G094/G095)	1
14	G129 5409	Harness:Main Switch:DOM/NA (G112/G113)	1
14	G129 5411	Harness - Main Switch : EU (G112/G113)	1
15	GX64 0019	Fan Motor DC24V (G094/G095)	1
15	G129 1051	Fan Motor MM92:24V (G112/G113)	1
16	G096 5506	Inlet - EU	1
17	G129 5205	Choke Coil (EU) (RoHs)	1
17	G096 5205	Choke Coil - ETQR28G013B (EU)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0450 3012N	Tapping Screw - 3x12	
103	0451 3006N	Tapping Screw - M3x6	
104	0450 3008N	Tapping Screw - M3x8	
105	0451 3006N	Tapping Screw - 3x6	
106	0451 4006N	Tapping Screw - M4x6	
107	0450 4010N	Tapping Screw - 4x10	
108	0454 3006Q	Tapping Screw - M3x6	
109	0950 4006N	Screw - M4x6	
110	1105 0487	Harness Clamp	
111	1105 0292	Wire Saddle	
112	1105 0516	Clamp	
113	1204 2628	Switch 250V/10A	

13.ELECTRICAL SECTION 2 (G094/G095/G112/G113)



13.ELECTRICAL SECTION 2 (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G104 5141	Knob Screw:M4 (RoHs)	4
1	G093 6006	Knob Screw:M3	4
2	G093 6001	Control Board Panel (G094)	1
2	G095 6001	Control Board Panel (G095)	1
2	G110 5101	Panel:Control Board (G113)	1
3	G089 6006	Cover - Option	1
4	G056 6005	HDD Cover	1
5	G072 6006	Cover:Card (G094/G095/G112)	1
5	G110 5103	Card Cover (G113)	1
6	G094 5702	PCB:Cassis-P1:Main:EXP (G094)	1
6	G095 5702	PCB:Cassis-P1:Main:EXP:NIC (G095)	1
6	G112 5317	Controller Board - G112 Model	1
6	G113 5317	Controller Board - G113 Model	1
7	G096 1241	Control Board Bracket Ass'y	1
8	G088 1216	Cover:EGB	1
9	G096 1211	EGB Bracket	1
10	G098 5102	PCB Egb Ass'y - NA (G094/G095)	1
10	G098 5104	PCB Egb Ass'y - EU (G094/G095)	1
10	G129 5602	PCB:EGB:NA (G112/G113) (RoHs)	1
10	G129 5102	PCB - Engine Board : NA (G112/G113)	1
10	G129 5604	PCB:EGB:EU:C (G112/G113) (RoHs)	1
10	G129 5104	PCB - Engine Board : EU (G112/G113)	1
11	G129 5414	Harness:Duplex:Option (G094/G095) (RoHs)	1
11	G096 5414	Harness - Option Duplex (G094/G095)	1
11	G129 5414	Harness:Duplex:Option (G112/G113)	1
12	R013 1097	Clamp	1
13	G129 5412	Harness:Paper Feed:Option (RoHs)	1
13	G096 5412	Harness - Option Paper Feed	1
14	G800 3035	Push Sw - Paper Size	1
15	G129 5401	Harness:Motor:Sensor (G094/G095) (RoHs)	1
15	G096 5401	Harness - Motor Sensor (G094/G095)	1
15	G129 5401	Harness:Motor:Sensor (G112/G113)	1
16	G052 5410	Harness - Interlock (G094/G095)	1
16	G111 5410	Harness - Interlock (G112/G113)	1
17	G331 5740	PCB:SDRM-DIMM:128MB:PBF:Ass'y (G113)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - M3x6	
102	0451 3006N	Tapping Screw - 3x6	
103	0450 3008N	Tapping Screw - M3x8	
104	0450 3008N	Tapping Screw - M3x8	
105	0353 0040N	Binding Head Screw M3x4 (100pcs)	
106	1005 0808	C/T Guide Rail	
107	1105 0487	Harness Clamp	
108	1105 0511	Clamp:LWSM-0306	
109	1105 0292	Wire Saddle	
110	1204 2521	Micro Switch	
111	1607 1565	Ferrite Core:Atfc-16813 (EU)	

14.MAIN CONTROL BOARD (G094)

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	155	---	---	---	---	---	---	---	---	---	---	---	---
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C3	155	C13	145	---	---	---	---	C43	155	---	---	---	---
C4	155	C14	154	---	---	---	---	C44	151	C54	152	---	---
C5	155	C15	154	---	---	---	---	C45	152	C55	155	---	---
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C8	151	C17	154	C27	152	C37	152	---	---	C57	155	---	---
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CAPACITOR

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14.MAIN CONTROL BOARD (G094)

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.
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C268	154	C278	146	C298	152	---	---	---	---	C328	143	C348	143
C269	154	C279	192	C299	155	---	---	---	---	---	---	---	---
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CAPACITOR

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C357	155	---	---	C377	155	---	---	C417	155	C427	155	C437	155
C358	155	C368	155	C378	155	---	---	C418	155	C428	155	C438	152
C359	155	C369	155	C379	155	---	---	C419	155	C429	155	C439	152
C360	155	C370	155	---	---	C410	141	C420	155	C430	155	C440	152

14.MAIN CONTROL BOARD (G094)

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.
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C446	155	C456	155	C466	155	C476	155	---	---	C496	152	C506	146
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C449	155	C459	155	C469	155	C479	155	C489	152	C499	157	---	---
C450	139	C460	155	C470	155	C480	149	---	---	C500	157	C510	157

CAPACITOR

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C589	155
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C593	147
C594	147
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C596	152
C597	152
C598	148
C599	148

CONNECTOR

SYMBOL NO.	INDEX NO.
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CN2	106
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CN4	105
CN5	109
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CN7	108
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CN9	103
CN10	104

SYMBOL NO.	INDEX NO.
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CN13	101
CN14	110
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CN16	107

DIODE

SYMBOL NO.	INDEX NO.
D3	113
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D5	113

FIL

SYMBOL NO.	INDEX NO.
FIL26	161
FIL27	159
FIL28	159
FIL29	158
FIL30	160
FIL31	160

14.MAIN CONTROL BOARD (G094)

IC

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IC2	123	---	---	---	---	---	---	---	---	IC62	128	---	---
IC3	121	---	---	---	---	---	---	---	---	IC63	119	---	---
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IC5	1	IC15	118	---	---	---	---	---	---	---	---	---	---
IC6	195	---	---	---	---	---	---	---	---	---	---	---	---
IC7	195	---	---	---	---	IC47	116	IC57	125	IC68	122	IC76	117
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JP

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.
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---	---	JP26	165	JP36	165	JP46	166	---	---	---	---	---	---
JP17	165	---	---	---	---	---	---	JP57	164	---	---	---	---
JP18	165	---	---	JP38	165	---	---	---	---	JP68	166	---	---
JP19	165	JP29	165	JP39	165	---	---	---	---	JP69	166	---	---
---	---	JP30	165	---	---	---	---	---	---	---	---	---	---

14.MAIN CONTROL BOARD (G094)

L

SYMBOL NO.	INDEX NO.
L1	162

OSC

SYMBOL NO.	INDEX NO.
OSC1	131
---	---
OSC4	132

RESISTOR

SYMBOL NO.	INDEX NO.
R1	176
R2	176
R3	176
R4	176
R5	176
R6	176
R7	176
R8	176
R9	168
---	---

SYMBOL NO.	INDEX NO.
R18	169
---	---
R25	176
---	---
R37	176
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
R41	174
R42	178
---	---
---	---
---	---
---	---
---	---
R48	176
R49	176
R50	176

SYMBOL NO.	INDEX NO.
R51	176
---	---
---	---
---	---
---	---
---	---
R87	185
R88	185
R89	171
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
R93	185
---	---
---	---
---	---
---	---
R98	185
---	---
---	---

LED

SYMBOL NO.	INDEX NO.
LED1	114

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
R108	187
---	---
R110	168

SYMBOL NO.	INDEX NO.
R111	187
R112	169
R113	184
R114	187
---	---
R116	174
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
R121	174
---	---
R123	176
---	---
---	---
---	---
---	---
R139	180
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
R159	176
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R164	168
R165	168
---	---
---	---
R167	177
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R184	169
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R214	176
---	---
---	---
---	---
---	---
---	---
R230	167

14.MAIN CONTROL BOARD (G094)

RESISTOR

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.
---	---	---	---	R281	176	---	---	R311	176	---	---	---	---
---	---	---	---	---	---	R292	176	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	R333	169
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	R285	191	---	---	---	---	---	---	R335	190
---	---	---	---	---	---	---	---	R316	171	---	---	---	---
R266	186	---	---	---	---	---	---	R318	169	---	---	---	---
---	---	---	---	---	---	R308	176	---	---	R328	169	R338	172
---	---	---	---	---	---	R309	168	---	---	---	---	R339	190
R270	186	---	---	R290	176	R310	178	---	---	R330	169	---	---

RESISTOR

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.
R341	169	---	---	R371	169	R381	176	R391	173	R401	179	---	---
---	---	---	---	R372	169	R382	176	R392	175	R402	169	---	---
---	---	R363	169	---	---	R383	176	R393	169	R403	169	---	---
---	---	R364	189	---	---	---	---	---	---	R404	169	---	---
---	---	R365	169	---	---	R385	176	---	---	R405	169	---	---
---	---	---	---	---	---	R386	176	---	---	---	---	---	---
---	---	R366	169	R376	176	---	---	---	---	R406	169	---	---
---	---	R367	169	R377	176	---	---	---	---	R407	169	---	---
---	---	R368	169	R378	176	R389	181	---	---	---	---	R418	168
R359	175	R369	168	R379	176	R389	169	---	---	---	---	---	---
---	---	R370	169	R380	176	R390	169	R400	170	---	---	---	---

14.MAIN CONTROL BOARD (G094)

RESISTOR

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.
R421	168	R431	168	R441	169	R451	169	R461	176	R471	169	---	---
---	---	R432	163	R442	169	---	---	R462	169	---	---	R482	168
R423	168	---	---	R443	169	R453	169	R463	169	---	---	---	---
---	---	---	---	---	---	R454	168	---	---	---	---	---	---
---	---	---	---	---	---	---	---	R465	176	---	---	---	---
R426	169	R436	168	---	---	R456	168	---	---	R476	169	R496	168
---	---	R437	182	R447	176	---	---	R467	169	---	---	---	---
R428	182	R438	169	R448	176	R458	169	---	---	---	---	R498	169
---	---	---	---	R449	176	R459	176	R469	169	---	---	---	---
---	---	---	---	R450	176	R460	169	---	---	---	---	---	---

RESISTOR

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.
R501	176	R511	169	R521	176	---	---	R541	176	R551	183	R561	176
R502	176	R512	168	R522	168	---	---	---	---	R552	183	R562	188
R503	169	---	---	R523	169	---	---	R543	183	---	---	R563	180
R504	191	---	---	R524	169	---	---	---	---	---	---	R564	180
---	---	R515	168	R525	169	---	---	---	---	---	---	---	---
---	---	---	---	---	---	R536	167	---	---	---	---	---	---
---	---	R516	168	---	---	---	---	R547	183	---	---	R567	179
---	---	---	---	---	---	R538	176	---	---	R558	167	R568	179
---	---	R518	176	---	---	R539	176	---	---	R559	167	---	---
---	---	R519	176	---	---	R540	176	---	---	R560	176	R570	180
---	---	R520	176	---	---	---	---	---	---	---	---	---	---

14.MAIN CONTROL BOARD (G094)

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R574	169
R575	176
R576	169
R577	169
R578	169
R579	169
R580	176

SYMBOL NO.	INDEX NO.
R581	176
R582	176
R583	176
R584	176
R585	176
R586	176
R587	176
R588	176
R589	176
R590	176

SYMBOL NO.	INDEX NO.
R591	176
R592	176
R593	176
R594	169
---	---
R596	169

REG

SYMBOL NO.	INDEX NO.
REG1	127
REG2	130

RN

SYMBOL NO.	INDEX NO.
RN1	136
---	---
---	---
---	---
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---	---
RN10	136

SYMBOL NO.	INDEX NO.
RN11	136
RN12	136
RN13	136
RN14	136
---	---
RN16	136
RN17	135
RN18	136
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
RN24	136
RN25	136
RN26	136
RN27	136
RN28	136
RN29	136
RN30	136

RN

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
RN65	138
---	---
---	---
---	---
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---	---

SYMBOL NO.	INDEX NO.
---	---
RN72	134
RN73	134
RN74	134
---	---
---	---
---	---
---	---
---	---
RN80	136

SYMBOL NO.	INDEX NO.
---	---
RN82	138
RN83	136
RN84	136
RN85	136
RN86	136
---	---
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---	---

SYMBOL NO.	INDEX NO.
---	---
RN92	136
---	---
---	---
---	---
---	---
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---	---
RN100	138

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
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---	---
---	---
---	---
---	---
RN110	136

SYMBOL NO.	INDEX NO.
RN111	136
RN112	133
RN113	133
RN114	133
RN115	133
---	---
RN117	136
RN118	136
RN119	136
RN120	136

SYMBOL NO.	INDEX NO.
RN121	136
RN122	136
RN123	136
RN124	136
RN125	136
---	---
---	---
RN128	136
RN129	136
RN130	136

14.MAIN CONTROL BOARD (G094)

RN

SYMBOL NO.	INDEX NO.
RN131	136
RN132	136
RN133	136
RN134	136
RN135	136
---	---
RN137	136
RN138	136
RN139	136
RN140	137

SYMBOL NO.	INDEX NO.
RN141	137
RN142	134
---	---
---	---
RN145	135
RN146	135
RN147	136
RN148	136
RN149	136

SW

SYMBOL NO.	INDEX NO.
SW2	112

14.MAIN CONTROL BOARD (G094)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G094 5702	PCB:Cassis-P1:Main:EXP	1
1	G089 5900	ASIC:PICCOLO	1
2	G089 5902	HYBRID IC:D3144	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4203	CT Header - 4P	
102	1102 7625	Connector - TX24-80R-LT-N1	
103	1102 7785	Connector - 57RE40360830BD29B	
104	1102 8329	Connector - Usb - UBB-4R-D14C	
105	1102 8356	Connector - FX2MAB-44P	
106	1102 8357	Connector - 52777-0809	
107	1102 8685	Connector - IC CARD	
108	1102 8829	Connector - DM-1D4-N3210	
109	1102 8832	Connector - DM-3D4-B3210	
110	1102 9349	Connector - DIMM	
111	1104 0413	Connetctor - 28p	
112	1204 1542	DIP Switch	
113	1401 0821	Diode - 1SS133	
114	1403 0996	LED - SML-310VT	
115	1407 2218	TTLIC - SN74LS06NS	
116	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
117	1407 5327	CMOS Logic - 74LVC139A TSSOP	
118	1407 5337	CMOS Logic - 74LVCH16373A TSSOP	
119	1407 5351	IC - SN74LV14APW	
120	1407 5364	IC - SN74AHCT244PW	
121	1407 5717	IC - ICS960001AF	
122	1407 5856	RAM - FM18I08-70-P	
123	1407 5861	CPU - TMPR4955BFG-300	
124	1407 5960	IC - SN74LVCZ161284ADGG	
125	1407 6062	USB2.0 - KL5BUDV003CCFP	
126	1408 1779	IC - R3112Q281A	
127	1408 1818	Series Regulator - LM1117MP-1.8	
128	1408 1825	IC - R3112Q121A	
129	1408 1838	IC - R3112Q431A	
130	1408 1864	Series Regulator - AIC1085-ADJCM	
131	1503 0842	Oscillator - 14.31818MHZ	
132	1503 1138	Crystal Oscilator - 48MHZ	
133	1601 7877	Resistor Array 4.7k Ω $\pm$ 5% 1/32W	
134	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
135	1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1601 7898	Resistor Array	
137	1601 7900	Resistor Array - 0 Ω $\pm$ 5%	
138	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
139	1604 2362	Capacitor - 100 μ F $\pm$ 20% 25V	
140	1604 5135	Capacitor - 1000 μ F $\pm$ 20% 10V	
141	1604 5136	Capacitor - 680 μ F $\pm$ 20% 10V	
142	1605 0971	Ceramic Capacitor	
143	1605 1108	Capacitor - 0.01 μ F $\pm$ 10% 50V	
144	1605 1197	Capacitor - 6PF $\pm$ 0.5pF 50V	
145	1605 1199	Capacitor - 8PF $\pm$ 0.5pF 50V	
146	1605 1200	Capacitor - 10PF $\pm$ 0.5pF 50V	
147	1605 1202	Capacitor - 15pF $\pm$ 5% 50V	
148	1605 1209	Capacitor - 150pF $\pm$ 5% 50V	
149	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
150	1605 1216	Capacitor - 2200pF $\pm$ 10%50V	
151	1605 1224	Capacitor 4.7 μ F $\pm$ 10% 6.3V	
152	1605 1228	Capacitor:0.1uf: $\pm$ 10%:25V	
153	1605 1238	Capacitor - 2.2 μ F $\pm$ 10% 6.3V	
154	1605 1240	Capacitor - 0.01 μ F $\pm$ 10% 25V	
155	1605 1289	Capacitor - 0.1 μ F $\pm$ 10% 10V	
156	1605 1295	Capacitor:10uf:+80-20%:10V	
157	1605 1305	Capacitor - 1 μ F+80-20% 6.3V	
158	1607 1014	EMI Filter - BLM11P600SPB	
159	1607 1051	Filter -FBMJ2125HS420	
160	1607 1206	Filter - ACC2012L-250	
161	1607 1285	Filter NFM2012P13C105F	
162	1607 1362	Coil - ACM3225-800-2P	
163	1610 1496	Resistor - 150 Ω $\pm$ 0.5%1/16W	
164	1610 1697	Resistor - 33 Ω $\pm$ 0.5%1/10W	
165	1632 0000	Resistor - 0 Ω 1/8W	
166	1634 0000	Resistor - 0 Ω 1/16W	
167	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
168	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
169	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
170	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1650 4122	Resistor - 1.2K Ω $\pm$ 5% 1/10W	
172	1650 4152	Resistor - 1.5K Ω $\pm$ 5% 1/10W	
173	1650 4153	Resistor - 15K Ω $\pm$ 5% 1/10W	
174	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	
175	1650 4303	Resistor - 30K Ω $\pm$ 5% 1/10W	
176	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
177	1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	
178	1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	
179	1650 4471	Resistor - 470 Ω $\pm$ 5%1/10W	
180	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
181	1650 4512	Resistor - 5.1K Ω $\pm$ 5%1/10W	
182	1650 4519	Resistor:5.1 Ω : $\pm$ 5%:1/10W	
183	1650 4560	Chip Resistor - 56 Ω $\pm$ 5% 1/10W	
184	1650 4562	Resistor - 5.6K Ω $\pm$ 5% 1/10W	
185	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
186	1650 4683	Resistor - 68K Ω $\pm$ 5% 1/10W	
187	1650 4820	Resistor - 82 Ω $\pm$ 5% 1/10W	
188	1650 4821	Chip Resistor - 820 Ω $\pm$ 5% 1/10W	
189	1654 1242	Resistor - 12.4K Ω $\pm$ 1% 1/10W	
190	1654 3909	Resistor - 39 Ω $\pm$ 1%1/10W	
191	1654 8200	Resistor - 820 Ω $\pm$ 1%1/10W	
192	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
193	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
194	1906 0055	Flash Memory - LH28F128BFHT-PWTL80	
195	1907 0013	SDRAM:256M:4MX16X4:133Mhz:G1	

15.MAIN CONTROL BOARD (G095)

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	163	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	C52	160	---	---
C3	163	C13	152	---	---	---	---	C43	163	---	---	---	---
C4	163	C14	162	---	---	---	---	C44	159	C54	160	---	---
C5	163	C15	162	---	---	---	---	C45	160	C55	163	---	---
---	---	C16	152	---	---	---	---	---	---	C56	163	---	---
---	---	C17	162	C27	160	C36	160	---	---	C57	163	---	---
C8	159	C18	163	---	---	C37	160	C48	160	C58	163	---	---
C9	159	C19	162	---	---	C38	160	C49	160	C59	163	---	---
---	---	---	---	---	---	---	---	C50	160	C60	163	C70	157

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.
---	---	C81	147	C91	148	---	---	---	---	C191	161	C251	163
---	---	---	---	C92	148	C152	163	---	---	---	---	---	---
---	---	---	---	C93	148	---	---	C183	165	---	---	---	---
C74	163	---	---	---	---	---	---	C184	165	---	---	---	---
---	---	---	---	C95	163	C165	163	C185	165	---	---	---	---
---	---	---	---	---	---	C166	163	---	---	---	---	---	---
---	---	C87	157	---	---	---	---	---	---	---	---	C257	165
---	---	C88	163	---	---	---	---	C188	161	---	---	C258	165
---	---	C89	163	C149	145	---	---	---	---	---	---	C259	165
---	---	C90	148	---	---	---	---	C190	161	---	---	C260	165

15.MAIN CONTROL BOARD (G095)

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.
C261	165	C271	162	---	---	C301	163	---	---	C321	160	---	---
---	---	C272	158	---	---	---	---	C312	163	C322	150	---	---
---	---	C273	147	---	---	C303	162	---	---	C323	162	C333	150
---	---	---	---	---	---	C304	158	C314	150	---	---	C334	150
---	---	---	---	---	---	---	---	C315	163	C325	162	C335	150
---	---	C276	158	---	---	---	---	C316	162	C326	150	C336	163
C267	145	C277	162	---	---	---	---	C317	157	---	---	---	---
C268	162	C278	153	C298	160	---	---	---	---	C328	150	C338	163
C269	162	C279	207	C299	163	---	---	C319	149	---	---	---	---
---	---	---	---	---	---	C310	207	C320	163	C330	163	C340	209

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.
C341	163	C351	163	---	---	C371	163	C391	163	C401	155	C411	146
C342	163	---	---	C362	163	C372	163	C392	163	---	---	C412	146
---	---	---	---	C363	163	C373	208	C393	163	---	---	C413	163
---	---	C354	163	C364	164	C374	160	C394	163	---	---	C414	163
---	---	C355	163	C365	163	C375	151	C395	163	---	---	C415	163
C346	163	C356	163	---	---	C376	151	C396	163	C406	155	C416	163
---	---	C357	163	C367	163	C377	163	---	---	---	---	C417	163
C348	150	C358	163	C368	163	C378	163	---	---	---	---	C418	163
---	---	C359	163	C369	163	C379	163	---	---	---	---	C419	163
---	---	C360	163	C370	163	---	---	---	---	C410	147	C420	163

15.MAIN CONTROL BOARD (G095)

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.
C421	163	C431	163	C441	160	C451	145	C461	163	C471	163
C422	163	C432	163	C442	159	---	---	C462	163	C472	163
---	---	C433	163	---	---	C453	163	C463	160	C473	163
C424	163	C434	163	C444	163	C454	163	C464	163	C474	163
C425	163	---	---	C445	163	C455	163	---	---	C475	163
C426	163	---	---	C446	163	C456	163	C466	163	C476	163
C427	163	C437	163	---	---	C457	163	C467	159	C477	163
C428	163	C438	160	---	---	C458	163	C468	163	C478	163
C429	163	C439	160	C449	163	C459	163	C469	163	C479	163
C430	163	C440	160	C450	145	C460	163	C470	163	C480	157
										C481	163
										C482	164
										C483	163
										C484	163
										C485	160
										---	---
										C487	160
										---	---
										C489	160
										---	---

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.
C491	160	C501	165	---	---	---	---	C591	163	CN1	102
---	---	C502	163	---	---	---	---	---	---	CN2	106
C493	160	---	---	---	---	---	---	C593	154	---	---
C494	160	---	---	---	---	C574	163	C594	154	CN4	105
C495	160	---	---	---	---	C575	163	---	---	CN5	109
C496	160	C506	153	---	---	---	---	C596	160	CN6	110
C497	160	C507	153	C517	163	---	---	C597	160	CN7	108
C498	163	C508	153	C518	163	---	---	C598	156	---	---
C499	165	---	---	C519	163	C589	163	C599	156	CN9	103
C500	165	C510	165	---	---	---	---	---	---	CN10	104
										CN13	101
										CN14	111
										---	---
										CN16	107
										---	---
										CN68	112

CONNECTOR

15.MAIN CONTROL BOARD (G095)

DIODE

SYMBOL NO.	INDEX NO.
D3	114
---	---
D5	114

FIL

SYMBOL NO.	INDEX NO.
FIL26	170
FIL27	168
FIL28	168
FIL29	167
FIL30	169
---	---
FIL31	169

IC

SYMBOL NO.	INDEX NO.
HIC1	2
IC2	127
IC3	125
---	---
IC5	1
---	---
IC6	211
IC7	211
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
IC15	121
---	---
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---	---
---	---
IC20	129

SYMBOL NO.	INDEX NO.
---	---
---	---
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---	---
IC38	123
---	---
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SYMBOL NO.	INDEX NO.
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---	---
---	---
---	---
---	---
IC47	119
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
IC55	124
---	---
---	---
IC57	130
---	---
---	---
IC60	134

IC

SYMBOL NO.	INDEX NO.
IC61	131
IC62	133
IC63	122
IC64	210
---	---
---	---
---	---
IC68	126
IC69	118
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
IC76	120
IC77	128

JP

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
JP17	175
JP18	175
JP19	175
---	---

SYMBOL NO.	INDEX NO.
---	---
JP22	175
JP23	175
---	---
---	---
JP26	175
---	---
---	---
JP29	175
JP30	175

SYMBOL NO.	INDEX NO.
JP31	175
---	---
---	---
---	---
JP35	175
---	---
JP36	175
---	---
JP38	175
JP39	175
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
JP45	176
---	---
JP46	176
---	---
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SYMBOL NO.	INDEX NO.
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---	---
JP57	174
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15.MAIN CONTROL BOARD (G095)

JP

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
JP64	175
JP65	175
---	---
---	---
JP68	176
JP69	176
---	---

LED

SYMBOL NO.	INDEX NO.
JP72	176
JP74	176
JP75	176

SYMBOL NO.	INDEX NO.
LED1	116
LED2	117
LED3	115

OSC

SYMBOL NO.	INDEX NO.
OSC1	136
OSC2	137
---	---
OSC4	138

L

SYMBOL NO.	INDEX NO.
L1	171
L2	166

RESISTOR

SYMBOL NO.	INDEX NO.
R1	187
R2	187
R3	187
R4	187
R5	187
---	---
R6	187
R7	187
R8	187
R9	178
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
R18	179
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
R25	187
---	---
---	---
R37	187
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
R41	184
R42	189
---	---
---	---
---	---
---	---
---	---
---	---
R48	187
R49	187
R50	187

RESISTOR

SYMBOL NO.	INDEX NO.
R51	187
---	---
---	---
---	---
---	---
---	---
---	---
R87	196
R88	196
R89	181
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
R93	196
---	---
---	---
---	---
---	---
---	---
R98	196
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
R108	198
---	---
R110	178

SYMBOL NO.	INDEX NO.
R111	198
R112	179
R113	195
R114	198
---	---
---	---
R116	184
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
R121	184
---	---
R123	187
---	---
---	---
---	---
---	---
---	---
---	---
R139	191
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
R154	178
---	---
---	---
---	---
---	---
---	---
R159	187
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
R165	178
---	---
---	---
R167	188
R168	187
R169	187
R170	187

15.MAIN CONTROL BOARD (G095)

RESISTOR

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.
R171	187	---	---	---	---	---	---	---	---	R281	187	---	---
R172	187	---	---	---	---	---	---	---	---	---	---	R292	187
R173	187	---	---	---	---	---	---	---	---	---	---	---	---
---	---	R184	179	R214	187	---	---	---	---	R284	187	---	---
---	---	---	---	---	---	---	---	---	---	R285	205	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	R266	197	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	R308	187
---	---	---	---	---	---	---	---	---	---	---	---	R309	178
---	---	---	---	R230	177	---	---	---	---	---	---	R310	189
---	---	---	---	---	---	R270	197	---	---	R290	187	---	---

RESISTOR

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.
R311	187	R321	192	---	---	R341	179	R351	192	---	---	R371	179
---	---	---	---	R332	204	---	---	R352	203	R362	192	R372	179
R313	185	---	---	R333	179	R343	202	R353	204	R363	179	---	---
R314	185	R324	192	---	---	---	---	---	---	R364	200	---	---
R315	203	R325	187	R335	201	---	---	R355	187	R365	179	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
R316	181	R326	202	R336	182	---	---	---	---	R366	179	R376	187
R317	206	---	---	---	---	R347	187	R357	191	R367	179	R377	187
R318	179	R328	179	---	---	---	---	R358	187	R368	179	R378	187
R319	204	---	---	R339	201	R349	187	R359	186	R369	178	R379	187
R320	187	R330	179	---	---	---	---	R360	204	R370	179	R380	187

15.MAIN CONTROL BOARD (G095)

RESISTOR

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.
R381	187	R391	183	R401	190	---	---	R421	178	R431	178	R441	179
R382	187	R392	186	R402	179	---	---	---	---	R432	173	R442	179
R383	187	R393	179	R403	179	---	---	R423	178	---	---	R443	179
---	---	---	---	R404	179	---	---	---	---	---	---	---	---
R385	187	---	---	R405	179	---	---	---	---	---	---	---	---
R386	187	---	---	R406	179	---	---	R426	179	R436	178	---	---
---	---	---	---	R407	179	---	---	---	---	R437	193	R447	187
---	---	---	---	---	---	R418	178	R428	193	R438	179	R448	187
R389	179	R399	192	---	---	---	---	---	---	---	---	R449	187
R390	179	R400	180	---	---	---	---	---	---	---	---	R450	187

RESISTOR

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.
R451	179	R461	187	R471	179	---	---	R501	187	R511	179	R521	187
---	---	R462	179	---	---	R482	178	R502	187	R512	178	R522	178
R453	179	R463	179	---	---	---	---	R503	179	R513	178	R523	179
R454	178	---	---	---	---	---	---	R504	205	---	---	R524	179
---	---	R465	187	---	---	---	---	---	---	R515	178	R525	179
R456	178	---	---	R476	179	R496	178	---	---	R516	178	---	---
---	---	R467	179	---	---	---	---	---	---	R517	187	---	---
R458	179	---	---	---	---	R498	179	---	---	R518	187	---	---
R459	187	R469	179	---	---	---	---	---	---	R519	187	---	---
R460	179	---	---	---	---	---	---	---	---	R520	187	---	---

15.MAIN CONTROL BOARD (G095)

RESISTOR

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.
---	---	R541	187	R551	194	R561	187	---	---	R581	187	R591	187
---	---	---	---	R552	194	R562	199	---	---	R582	187	R592	187
---	---	R543	194	---	---	R563	191	---	---	R583	187	R593	187
---	---	---	---	---	---	R564	191	R574	179	R584	187	R594	179
---	---	---	---	---	---	---	---	R575	187	R585	187	---	---
R536	177	---	---	---	---	---	---	R576	179	R586	187	R596	179
---	---	R547	194	---	---	R567	190	R577	179	R587	187	---	---
R538	187	---	---	R558	177	R568	190	R578	179	R588	187	---	---
R539	187	---	---	R559	177	---	---	R579	179	R589	187	---	---
R540	187	---	---	R560	187	R570	191	R580	187	R590	187	---	---

REG

SYMBOL NO.	INDEX NO.
REG1	132
REG2	135

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN1	142	RN11	142	---	---	---	---	---	---	---	---
---	---	RN12	142	---	---	---	---	---	---	RN82	144
---	---	RN13	142	---	---	---	---	---	---	RN83	142
---	---	RN14	142	RN24	142	---	---	RN72	140	RN84	142
---	---	---	---	RN25	142	RN65	144	RN73	140	RN85	142
---	---	---	---	---	---	---	---	---	---	---	---
---	---	RN16	142	RN26	142	---	---	---	---	RN86	142
---	---	RN17	142	RN27	142	---	---	---	---	---	---
---	---	RN18	142	RN28	142	---	---	---	---	---	---
---	---	---	---	RN29	142	---	---	---	---	---	---
RN10	142	---	---	RN30	142	---	---	---	---	---	---
---	---	---	---	---	---	---	---	RN80	142	---	---

15.MAIN CONTROL BOARD (G095)

RN

SYMBOL NO.	INDEX NO.
---	---
RN92	142
---	---
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RN100	144

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
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---	---
RN110	142

SYMBOL NO.	INDEX NO.
RN111	142
RN112	139
RN113	139
RN114	139
RN115	139
RN116	142
RN117	142
RN118	142
RN119	142
RN120	142

SYMBOL NO.	INDEX NO.
RN121	142
RN122	142
RN123	142
RN124	142
RN125	142
RN126	142
---	---
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RN129	142
RN130	142

SYMBOL NO.	INDEX NO.
RN131	142
RN132	142
RN133	142
RN134	142
RN135	142
---	---
RN137	142
RN138	142
RN139	142
RN140	143

SYMBOL NO.	INDEX NO.
RN141	143
RN142	140
---	---
---	---
RN145	141
RN146	141
RN147	141
RN148	142
RN149	142

SW

SYMBOL NO.	INDEX NO.
SW2	113

T

SYMBOL NO.	INDEX NO.
T1	172

15.MAIN CONTROL BOARD (G095)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G095 5702	PCB:Cassis-P1:Main:EXP:NIC	1
1	G089 5900	ASIC:PICCOLO	1
2	G089 5902	HYBRID IC:D3144	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4203	CT Header - 4P	
102	1102 7625	Connector - TX24-80R-LT-N1	
103	1102 7785	Connector - 57RE40360830BD29B	
104	1102 8329	Connector - Usb - UBB-4R-D14C	
105	1102 8356	Connector - FX2MAB-44P	
106	1102 8357	Connector - 52777-0809	
107	1102 8685	Connector - IC CARD	
108	1102 8829	Connector - DM-1D4-N3210	
109	1102 8832	Connector - DM-3D4-B3210	
110	1102 8989	Lan Connector	
111	1102 9349	Connector - DIMM	
112	1104 0413	Connetctor - 28p	
113	1204 1542	DIP Switch	
114	1401 0821	Diode - 1SS133	
115	1403 0953	LED - SML-310MT	
116	1403 0996	LED - SML-310VT	
117	1403 1033	LED - SML-310YT	
118	1407 2218	TTLIC - SN74LS06NS	
119	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
120	1407 5327	CMOS Logic - 74LVC139A TSSOP	
121	1407 5337	CMOS Logic - 74LVCH16373A TSSOP	
122	1407 5351	IC - SN74LV14APW	
123	1407 5364	IC - SN74AHCT244PW	
124	1407 5523	ROM - I2C SOP 3V	
125	1407 5717	IC - ICS960001AF	
126	1407 5856	RAM - FM18L08-70-P	
127	1407 5861	CPU - TMPR4955BFG-300	
128	1407 5868	Ethernet Cont LSI - DP83847ALQA56A	
129	1407 5960	IC - SN74LVCZ161284ADGG	
130	1407 6062	USB2.0 - KL5BUDV003CCFP	
131	1408 1779	IC - R3112Q281A	
132	1408 1818	Series Regulator - LM1117MP-1.8	
133	1408 1825	IC - R3112Q121A	
134	1408 1838	IC - R3112Q431A	
135	1408 1864	Series Regulator - AIC1085-ADJCM	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1503 0842	Oscillator - 14.31818MHZ	
137	1503 0959	Crystal Oscilator - 25MHZ	
138	1503 1138	Crystal Oscilator - 48MHZ	
139	1601 7877	Resistor Array 4.7k Ω $\pm$ 5% 1/32W	
140	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
141	1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	
142	1601 7898	Resistor Array	
143	1601 7900	Resistor Array - 0 Ω $\pm$ 5%	
144	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
145	1604 2362	Capacitor - 100 μ F $\pm$ 20% 25V	
146	1604 5135	Capacitor - 1000 μ F $\pm$ 20% 10V	
147	1604 5136	Capacitor - 680 μ F $\pm$ 20% 10V	
148	1605 0971	Ceramic Capacitor	
149	1605 1025	Capacitor - 1000pF $\pm$ 10% 2KV	
150	1605 1108	Capacitor - 0.01 μ F $\pm$ 10% 50V	
151	1605 1197	Capacitor - 6PF $\pm$ 0.5pF 50V	
152	1605 1199	Capacitor - 8PF $\pm$ 0.5pF 50V	
153	1605 1200	Capacitor - 10PF $\pm$ 0.5pF 50V	
154	1605 1202	Capacitor - 15pF $\pm$ 5% 50V	
155	1605 1205	Capacitor - 33pF $\pm$ 5% 50V	
156	1605 1209	Capacitor - 150pF $\pm$ 5% 50V	
157	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
158	1605 1216	Capacitor - 2200pF $\pm$ 10%50V	
159	1605 1224	Capacitor 4.7 μ F $\pm$ 10% 6.3V	
160	1605 1228	Capacitor:0.1uf: $\pm$ 10%:25v	
161	1605 1238	Capacitor - 2.2 μ F $\pm$ 10% 6.3V	
162	1605 1240	Capacitor - 0.01 μ F $\pm$ 10% 25V	
163	1605 1289	Capacitor - 0.1 μ F $\pm$ 10% 10V	
164	1605 1295	Capacitor:10uf:+80-20%:10V	
165	1605 1305	Capacitor - 1 μ F+80-20% 6.3V	
166	1607 0551	Inductor - BLM32A07PB	
167	1607 1014	EMI Filter - BLM11P600SPB	
168	1607 1051	Filter -fBMJ2125HS420	
169	1607 1206	Filter - ACC2012L-250	
170	1607 1285	Filter NFM2012P13C105F	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1607 1362	Coil - ACM3225-800-2P	
172	1607 1509	Transformer - TLA-6T118LF	
173	1610 1496	Resistor - 150 Ω $\pm$ 0.5%1/16W	
174	1610 1697	Resistor - 33 Ω $\pm$ 0.5%1/10W	
175	1632 0000	Resistor - 0 Ω 1/8W	
176	1634 0000	Resistor - 0 Ω 1/16W	
177	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
178	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
179	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
180	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	
181	1650 4122	Resistor - 1.2K Ω $\pm$ 5% 1/10W	
182	1650 4152	Resistor - 1.5K Ω $\pm$ 5% 1/10W	
183	1650 4153	Resistor - 15K Ω $\pm$ 5% 1/10W	
184	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	
185	1650 4271	Resistor - 270 Ω $\pm$ 5%1/10W	
186	1650 4303	Resistor - 30K Ω $\pm$ 5% 1/10W	
187	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
188	1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	
189	1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	
190	1650 4471	Resistor - 470 Ω $\pm$ 5%1/10W	
191	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
192	1650 4512	Resistor - 5.1K Ω $\pm$ 5%1/10W	
193	1650 4519	Resistor:5.1 Ω : $\pm$ 5%:1/10W	
194	1650 4560	Chip Resistor - 56 Ω $\pm$ 5% 1/10W	
195	1650 4562	Resistor - 5.6K Ω $\pm$ 5% 1/10W	
196	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
197	1650 4683	Resistor - 68K Ω $\pm$ 5% 1/10W	
198	1650 4820	Resistor - 82 Ω $\pm$ 5% 1/10W	
199	1650 4821	Chip Resistor - 820 Ω $\pm$ 5% 1/10W	
200	1654 1242	Resistor - 12.4K Ω $\pm$ 1% 1/10W	
201	1654 3909	Resistor - 39 Ω $\pm$ 1%1/10W	
202	1654 4999	Resistor - 49.9 Ω $\pm$ 1%1/10W	
203	1654 5499	Resistor - 54.9 Ω $\pm$ 1%1/10W	
204	1654 7509	Resistor - 75 Ω $\pm$ 1% 1/10W	
205	1654 8200	Resistor - 820 Ω $\pm$ 1%1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1654 9311	Resistor - 9.31K Ω $\pm$ 1% 1/10W	
207	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
208	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
209	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
210	1906 0055	Flash Memory - LH28F128BFHT-PWTL80	
211	1907 0013	SDRAM:256M:4MX16X4:133Mhz:G1	

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

16.MAIN CONTROL BOARD (G112)

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	151	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	C52	155	---	---
C3	151	C13	142	---	---	---	---	C43	151	---	---	---	---
C4	151	C14	149	---	---	---	---	C44	148	C54	155	---	---
C5	151	C15	149	---	---	---	---	C45	155	C55	151	---	---
---	---	C16	142	---	---	C36	155	---	---	C56	151	---	---
---	---	C17	149	C27	155	C37	155	---	---	C57	151	---	---
C8	148	C18	151	---	---	C38	155	C48	155	C58	151	---	---
C9	148	C19	149	---	---	---	---	C49	155	C59	151	---	---
---	---	---	---	---	---	C40	155	C50	155	C60	151	C70	146

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.
---	---	C81	140	C91	150	---	---	---	---	C191	152	C251	151
---	---	---	---	C92	150	C152	151	---	---	---	---	---	---
---	---	---	---	C93	150	---	---	C183	154	---	---	---	---
C74	151	---	---	---	---	---	---	C184	154	---	---	---	---
---	---	---	---	C95	151	C165	151	C185	154	---	---	---	---
---	---	---	---	---	---	C166	151	---	---	---	---	---	---
---	---	C87	146	---	---	---	---	---	---	---	---	C257	154
---	---	C88	151	---	---	---	---	C188	152	---	---	C258	154
---	---	C89	151	C149	138	---	---	---	---	---	---	C259	154
---	---	C90	150	---	---	---	---	C190	152	---	---	C260	154

16.MAIN CONTROL BOARD (G112)

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.
C261	154	C271	149	---	---	C301	151	---	---	---	---	---	---
---	---	C272	147	---	---	---	---	C312	151	C322	192	---	---
---	---	C273	140	---	---	C303	149	---	---	C323	149	C333	192
---	---	---	---	---	---	C304	147	C314	192	---	---	C334	192
---	---	---	---	---	---	---	---	C315	151	C325	149	C335	192
---	---	C276	147	---	---	---	---	C316	149	C326	192	---	---
C267	138	C277	149	---	---	---	---	---	---	---	---	---	---
C268	149	C278	143	C298	155	---	---	---	---	C328	192	C348	192
C269	149	C279	190	C299	151	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---

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.
C351	151	---	---	---	---	C391	151	C411	139	C421	151	C431	151
---	---	C362	151	---	---	C392	151	C412	139	C422	151	C432	151
---	---	C363	151	C373	191	C393	151	C413	151	---	---	C433	151
C354	151	---	---	C374	155	C394	151	C414	151	C424	151	C434	151
C355	151	C365	151	C375	141	C395	151	C415	151	C425	151	---	---
C356	151	---	---	C376	141	C396	151	C416	151	C426	151	---	---
C357	151	---	---	C377	151	---	---	C417	151	C427	151	C437	151
C358	151	C368	151	C378	151	---	---	C418	151	C428	151	C438	155
C359	151	C369	151	C379	151	---	---	C419	151	C429	151	C439	155
C360	151	C370	151	---	---	C410	140	C420	151	C430	151	C440	155

16.MAIN CONTROL BOARD (G112)

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.
C441	155	C451	138	C461	151	C471	151	C481	151	C491	155	C501	154
C442	148	---	---	C462	151	C472	151	C482	153	---	---	C502	151
---	---	C453	151	C463	155	C473	151	C483	151	C493	155	---	---
C444	151	C454	151	C464	151	C474	151	C484	151	C494	155	---	---
C445	151	C455	151	---	---	C475	151	C485	155	C495	155	---	---
C446	151	C456	151	C466	151	C476	151	---	---	C496	155	C506	143
---	---	C457	151	C467	148	C477	151	C487	155	C497	155	C507	143
---	---	C458	151	C468	151	C478	151	---	---	C498	151	C508	143
C449	151	C459	151	C469	151	C479	151	C489	155	C499	154	---	---
C450	138	C460	151	C470	151	C480	146	---	---	C500	154	C510	154

CAPACITOR

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
C517	151
C518	151
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
C574	151
C575	151
C576	151
---	---
---	---
C589	151
---	---

SYMBOL NO.	INDEX NO.
C591	151
---	---
C593	144
C594	144
---	---
C596	155
C597	155
C598	145
C599	145

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	102
CN2	106
---	---
CN4	105
CN5	109
---	---
CN7	108
---	---
CN9	103
CN10	104

DIODE

SYMBOL NO.	INDEX NO.
---	---
---	---
CN13	101
---	---
---	---
CN16	107

SYMBOL NO.	INDEX NO.
D3	112
---	---
D5	112

HIC

SYMBOL NO.	INDEX NO.
HIC1	2

FILTER

SYMBOL NO.	INDEX NO.
FIL26	158
FIL27	157
FIL28	157
FIL29	156
FIL30	160
FIL31	160

16.MAIN CONTROL BOARD (G112)

IC

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.
IC2	122	---	---	---	---	---	---	---	---	IC61	125	---	---
IC3	120	---	---	---	---	---	---	---	---	IC62	127	---	---
---	---	---	---	---	---	---	---	---	---	IC63	118	---	---
IC5	1	IC15	117	---	---	---	---	---	---	IC64	193	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
IC6	194	---	---	---	---	---	---	---	---	---	---	---	---
IC7	194	---	---	---	---	IC47	115	IC57	124	---	---	IC76	116
---	---	---	---	IC38	119	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	IC68	110	---	---
---	---	---	---	---	---	---	---	IC59	114	IC68	121	---	---
---	---	IC20	123	---	---	---	---	IC60	128	---	---	---	---

JP

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
---	---	---	---	JP35	163	---	---	---	---
JP17	163	JP26	163	JP36	163	JP57	162	---	---
JP18	163	---	---	---	---	---	---	---	---
JP19	163	---	---	JP38	163	---	---	JP68	164
---	---	JP29	163	JP39	163	---	---	JP69	164
---	---	---	---	---	---	---	---	---	---
---	---	JP30	163	JP45	164	---	---	---	---
JP22	163	JP31	163	JP46	164	---	---	JP72	164
JP23	163	---	---	---	---	---	---	---	---
---	---	---	---	---	---	JP64	163	JP74	164
---	---	---	---	---	---	JP65	163	JP75	164

L

SYMBOL NO.	INDEX NO.
L1	159

OSC

SYMBOL NO.	INDEX NO.
OSC1	130
---	---
---	---
OSC4	131

LED

SYMBOL NO.	INDEX NO.
LED1	113

16.MAIN CONTROL BOARD (G112)

RESISTOR

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.
R1	174	---	---	---	---	R41	172	R51	174	---	---	---	---
R2	174	---	---	---	---	R42	176	---	---	---	---	---	---
R3	174	---	---	---	---	---	---	---	---	R93	183	---	---
R4	174	---	---	---	---	---	---	---	---	---	---	---	---
R5	174	---	---	R25	174	---	---	---	---	---	---	---	---
R6	174	---	---	---	---	---	---	---	---	---	---	---	---
R7	174	---	---	R37	174	---	---	R87	183	---	---	---	---
R8	174	R18	167	---	---	R48	174	R88	183	R98	183	R108	185
R9	166	---	---	---	---	R49	174	R89	169	---	---	---	---
---	---	---	---	---	---	R50	174	---	---	---	---	R110	166

RESISTOR

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.
R111	185	R121	172	---	---	---	---	---	---	R241	174	---	---
R112	167	---	---	---	---	---	---	---	---	---	---	---	---
R113	182	R123	174	---	---	---	---	---	---	---	---	---	---
R114	185	---	---	---	---	R164	166	R184	167	---	---	---	---
---	---	---	---	---	---	R165	166	---	---	---	---	---	---
R116	172	---	---	---	---	---	---	---	---	---	---	R266	184
---	---	---	---	---	---	R167	175	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	R258	189	---	---
---	---	R139	178	R159	174	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	R230	165	---	---	R270	184

16.MAIN CONTROL BOARD (G112)

RESISTOR

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.
R281	174	---	---	R311	174	---	---	---	---	R341	167	---	---
---	---	R292	174	---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	R333	167	---	---	R363	167
---	---	---	---	---	---	---	---	---	---	---	---	R364	187
---	---	---	---	---	---	---	---	R335	188	---	---	R365	167
---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	---	---	R316	169	---	---	R336	170	---	---	R366	167
---	---	---	---	---	---	---	---	---	---	---	---	R367	167
---	---	R308	174	R318	167	R328	167	---	---	---	---	R368	167
---	---	R309	166	---	---	---	---	R339	188	R359	173	R369	166
R290	174	R310	176	---	---	R330	167	---	---	---	---	R370	167

RESISTOR

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.
R371	167	R381	174	R391	171	R401	177	---	---	R421	166	R431	166
R372	167	R382	174	R392	173	R402	167	---	---	---	---	R432	161
---	---	R383	174	R393	167	R403	167	---	---	R423	166	---	---
---	---	---	---	---	---	R404	167	---	---	---	---	---	---
---	---	R385	174	---	---	R405	167	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---	---	---	---	---
R376	174	R386	174	---	---	R406	167	---	---	R426	167	R436	166
R377	174	---	---	---	---	R407	167	---	---	---	---	R437	180
R378	174	---	---	---	---	---	---	R418	166	R428	180	R438	167
R379	174	R389	167	R399	179	---	---	---	---	---	---	---	---
R380	174	R390	167	R400	168	---	---	---	---	---	---	---	---

16.MAIN CONTROL BOARD (G112)

RESISTOR

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.
R441	167	R451	167	R461	174	R471	167	---	---	R501	174	R511	167
R442	167	---	---	R462	167	---	---	R482	166	R502	174	R512	166
R443	167	R453	167	R463	167	---	---	---	---	R503	167	---	---
---	---	R454	166	---	---	---	---	---	---	R504	189	---	---
---	---	---	---	R465	174	---	---	---	---	---	---	R515	166
---	---	R456	166	---	---	R476	167	R496	166	---	---	R516	166
R447	174	---	---	R467	167	---	---	---	---	---	---	---	---
R448	174	R458	167	---	---	---	---	R498	167	---	---	R518	174
R449	174	R459	174	R469	167	---	---	---	---	---	---	R519	174
R450	174	R460	167	---	---	---	---	---	---	---	---	R520	174

RESISTOR

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.
R521	174	---	---	R541	174	R551	181	R561	174	---	---	R581	174
R522	166	---	---	---	---	R552	181	R562	186	---	---	R582	174
R523	167	---	---	R543	181	---	---	R563	178	---	---	R583	174
---	---	---	---	---	---	---	---	R564	178	R574	167	R584	174
R525	167	---	---	---	---	---	---	---	---	R575	174	R585	174
---	---	R536	165	---	---	---	---	---	---	R576	167	R586	174
---	---	---	---	R547	181	---	---	R567	177	R577	167	R587	174
---	---	R538	174	---	---	R558	165	R568	177	R578	167	R588	174
---	---	R539	174	---	---	R559	165	---	---	R579	167	R589	174
---	---	R540	174	---	---	R560	174	R570	178	R580	174	R590	174

16.MAIN CONTROL BOARD (G112)

RESISTOR

SYMBOL NO.	INDEX NO.
R591	174
R592	174
R593	174
R594	167
---	---
R596	167

REG

SYMBOL NO.	INDEX NO.
REG1	126
REG2	129

RN

SYMBOL NO.	INDEX NO.
RN1	135
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
RN10	135

SYMBOL NO.	INDEX NO.
RN11	135
RN12	135
RN13	135
RN14	135
---	---
RN16	135
RN17	135
RN18	135
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
RN24	135
RN25	135
RN26	135
RN27	135
RN28	135
RN29	135
RN30	135

SYMBOL NO.	INDEX NO.
---	---
RN72	133
RN73	133
RN74	133
RN65	137
---	---
---	---
---	---
---	---
RN80	135

SYMBOL NO.	INDEX NO.
---	---
RN82	137
RN83	135
RN84	135
RN85	135
RN86	135
---	---
---	---
---	---
---	---
---	---

RN

SYMBOL NO.	INDEX NO.
---	---
RN92	135
---	---
---	---
---	---
---	---
---	---
---	---
---	---
RN100	137

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
RN110	135

SYMBOL NO.	INDEX NO.
RN111	135
RN112	132
RN113	132
RN114	132
RN115	132
---	---
RN117	135
RN118	135
RN119	135
RN120	135

SYMBOL NO.	INDEX NO.
---	---
RN122	135
RN123	135
RN124	135
RN125	135
---	---
---	---
RN128	135
RN129	135
RN130	135

SYMBOL NO.	INDEX NO.
RN131	135
RN132	135
RN133	135
RN134	135
RN135	135
---	---
RN137	135
RN138	135
RN139	135
RN140	136

SYMBOL NO.	INDEX NO.
RN141	136
RN142	133
---	---
---	---
RN145	134
---	---
RN147	134
RN148	135
RN149	135
---	---

SYMBOL NO.	INDEX NO.
RN1421	135

SW

SYMBOL NO.	INDEX NO.
SW2	111

16.MAIN CONTROL BOARD (G112)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G112 5317	Controller Board - G112 Model	1
1	G089 5900	Asic:Piccolo	1
2	G089 5902	Hybrid IC:D3144	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4203	CT Header - 4P	
102	1102 7625	Connector - TX24-80R-LT-N1	
103	1102 7785	Connector - 57RE40360830BD29B	
104	1102 8329	Connector - Usb - UBB-4R-D14C	
105	1102 8356	Connector - FX2MAB-44P	
106	1102 8357	Connector - 52777-0809	
107	1102 8685	Connector - IC CARD	
108	1102 8829	Connector - DM-1D4-N3210	
109	1102 8832	Connector - DM-3D4-B3210	
110	1104 0588	DIP Socket - 28P	
111	1204 1542	DIP Switch	
112	1401 0821	Diode - 1SS133	
113	1403 0996	LED - SML-310VT	
114	1407 2218	TTLIC - SN74LS06NS	
115	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
116	1407 5327	CMOS Logic - 74LVC139A TSSOP	
117	1407 5337	CMOS Logic - 74LVCH16373A TSSOP	
118	1407 5351	IC - SN74LV14APW	
119	1407 5364	IC - SN74AHCT244PW	
120	1407 5717	IC - ICS960001AF	
121	1407 5856	RAM - FM18I08-70-P	
122	1407 5861	CPU - TMPR4955BFG-300	
123	1407 5960	IC - SN74LVCZ161284ADGG	
124	1407 6062	Usb2.0 - KL5BUDV003CCFP	
125	1408 1779	IC - R3112Q281A	
126	1408 1818	Series Regulator - LM1117MP-1.8	
127	1408 1825	IC - R3112Q121A	
128	1408 1838	IC - R3112Q431A	
129	1408 1864	Series Regulator - AIC1085-ADICM	
130	1503 0842	Oscillator - 14.31818MHZ	
131	1503 1138	Crystal Oscilator - 48MHZ	
132	1601 7877	Resistor Array 4.7k Ω $\pm$ 5% 1/32W	
133	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
134	1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	
135	1601 7898	Resistor Array	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1601 7900	Resistor Array - 0 Ω $\pm$ 5%	
137	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
138	1604 2362	Capacitor - 100 μ F $\pm$ 20% 25V	
139	1604 5135	Capacitor - 1000 μ F $\pm$ 20% 10V	
140	1604 5136	Capacitor - 680 μ F $\pm$ 20% 10V	
141	1605 1197	Capacitor - 6PF $\pm$ 0.5pF 50V	
142	1605 1199	Capacitor - 8PF $\pm$ 0.5pF 50V	
143	1605 1200	Capacitor - 10PF $\pm$ 0.5pF 50V	
144	1605 1202	Capacitor - 15pF $\pm$ 5% 50V	
145	1605 1209	Capacitor - 150pF $\pm$ 5% 50V	
146	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
147	1605 1216	Capacitor - 2200pF $\pm$ 10%50V	
148	1605 1224	Capacitor 4.7 μ F $\pm$ 10% 6.3V	
149	1605 1240	Capacitor - 0.01 μ F $\pm$ 10% 25V	
150	1605 1288	Capacitor - 220pF $\pm$ 5% 50V	
151	1605 1289	Capacitor - 0.1 μ F $\pm$ 10% 10V	
152	1605 1291	Capacitor:2.2uf: $\pm$ 10%:10V	
153	1605 1295	Capacitor:10uf:+80-20%:10V	
154	1605 1305	Capacitor - 1 μ F+80-20% 6.3V	
155	1605 1353	Capacitor - 0.1 μ F $\pm$ 10% 25V	
156	1607 1014	EMI Filter - BLM11P600SPB	
157	1607 1051	Filter -FBMJ2125HS420	
158	1607 1285	Filter NFM2012P13C105F	
159	1607 1362	Coil - ACM3225-800-2P	
160	1607 1568	Filter - MPZ2012S300A	
161	1610 1794	Resistor - 150 Ω $\pm$ 0.5% 1/10W	
162	1610 1795	Resistor - 33 Ω $\pm$ 0.5% 1/10W	
163	1632 0000	Resistor - 0 Ω 1/8W	
164	1634 0000	Resistor - 0 Ω 1/16W	
165	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
166	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
167	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
168	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	
169	1650 4122	Resistor - 1.2K Ω $\pm$ 5% 1/10W	
170	1650 4152	Resistor - 1.5K Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1650 4153	Resistor - 15K Ω $\pm$ 5% 1/10W	
172	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10W	
173	1650 4303	Resistor - 30K Ω $\pm$ 5% 1/10W	
174	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
175	1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	
176	1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	
177	1650 4471	Resistor - 470 Ω $\pm$ 5%1/10W	
178	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
179	1650 4512	Resistor - 5.1K Ω $\pm$ 5%1/10W	
180	1650 4519	Resistor:5.1 Ω : $\pm$ 5%:1/10W	
181	1650 4560	Chip Resistor - 56 Ω $\pm$ 5% 1/10W	
182	1650 4562	Resistor - 5.6K Ω $\pm$ 5% 1/10W	
183	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
184	1650 4683	Resistor - 68K Ω $\pm$ 5% 1/10W	
185	1650 4820	Resistor - 82 Ω $\pm$ 5% 1/10W	
186	1650 4821	Chip Resistor - 820 Ω $\pm$ 5% 1/10W	
187	1654 1242	Resistor - 12.4K Ω $\pm$ 1% 1/10W	
188	1654 3909	Resistor - 39 Ω $\pm$ 1%1/10W	
189	1654 8200	Resistor - 820 Ω $\pm$ 1%1/10W	
190	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
191	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
192	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
193	1906 0055	Flash Memory - LH28F128BFHT-PWTI80	
194	1907 0013	SDRAM:256M:4MX16X4:133MHz:G1	

17.MAIN CONTROL BOARD (G113)

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	160	---	---	C21	168	C31	160	C41	216	C51	150	---	---
C2	168	C12	160	C22	160	C32	160	C42	150	C52	216	---	---
---	---	C13	160	C23	160	---	---	C43	161	C53	215	---	---
C4	160	C14	168	C24	160	C34	146	C44	160	C54	151	---	---
C5	160	C15	148	C25	160	C35	160	C45	160	C55	167	---	---
C6	160	C16	160	---	---	C36	158	C46	161	C56	167	C66	160
C7	147	C17	157	---	---	C37	160	C47	160	C57	167	C67	160
C8	147	C18	160	C28	160	C38	160	C48	160	---	---	---	---
---	---	C19	157	C29	160	C39	151	C49	160	---	---	C69	160
---	---	C20	160	C30	158	C40	215	C50	161	---	---	C70	160

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.
---	---	C81	150	C91	160	C101	160	---	---	C121	164	C131	161
C72	146	C82	161	C92	160	C102	151	---	---	C122	164	C132	161
C73	146	C83	165	C93	160	C103	215	---	---	C123	145	C133	160
---	---	C84	217	C94	160	C104	216	---	---	C124	164	C134	160
---	---	C85	158	C95	160	C105	150	---	---	C125	160	C135	160
C76	160	C86	161	C96	160	C106	161	---	---	C126	164	C136	160
C77	151	C87	160	C97	160	C107	160	---	---	C127	160	C137	160
C78	146	C88	160	C98	160	C108	167	C118	164	---	---	C138	160
C79	215	C89	160	C99	160	C109	167	C119	164	---	---	C139	160
C80	216	C90	160	C100	160	---	---	C120	145	---	---	C140	160

17.MAIN CONTROL BOARD (G113)

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.
C141	160	C151	216	C161	214	C171	164	C181	164	C191	166	C201	148
C142	160	C152	216	C162	214	C172	155	C182	164	C192	166	C202	160
C143	160	C153	214	C163	216	C173	164	C183	160	C193	160	C203	160
C144	154	C154	214	C164	216	C174	155	C184	160	C194	160	C204	160
C145	154	C155	214	C165	216	C175	164	C185	160	C195	148	C205	161
---	---	C156	214	C166	216	C176	164	C186	159	C196	160	C206	160
C147	153	---	---	---	---	C177	164	C187	159	C197	160	C207	164
C148	154	---	---	---	---	C178	164	C188	159	C198	160	C208	158
C149	216	C159	214	C169	153	C179	164	C189	160	C199	160	C209	165
C150	216	C160	214	C170	153	C180	164	C190	166	C200	160	C210	164

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.
C211	164	---	---	C231	167	C241	164	C251	160	C261	160	C271	160
C212	164	---	---	---	---	C242	160	C252	163	C262	160	C272	160
C213	164	---	---	---	---	C243	158	C253	163	C263	158	C273	162
C214	160	---	---	C234	164	C244	164	C254	163	C264	160	C274	162
C215	164	---	---	C235	164	C245	158	C255	163	C265	158	C275	162
C216	164	C226	160	C236	164	C246	160	C256	153	C266	160	C276	162
C217	164	C227	164	C237	152	C247	160	C257	153	C267	160	C277	162
C218	164	C228	156	C238	152	C248	160	C258	160	C268	160	C278	162
C219	149	C229	160	C239	160	C249	164	C259	160	C269	160	C279	160
---	---	C230	164	C240	160	C250	164	C260	160	C270	160	C280	162

17.MAIN CONTROL BOARD (G113)

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.
C281	162	C291	160	C301	160	---	---	C321	161	C331	160	C341	160
C282	162	C292	160	C302	160	C312	151	C322	161	C332	160	C342	160
C283	162	C293	160	C303	160	C313	160	---	---	C333	160	C343	160
C284	162	C294	160	C304	166	C314	151	---	---	C334	160	C344	160
C285	160	C295	160	C305	160	C315	215	---	---	C335	160	C345	160
C286	160	C296	160	---	---	C316	215	C326	160	C336	160	C346	160
C287	160	C297	160	---	---	---	---	C327	160	C337	160	C347	160
C288	159	C298	160	---	---	C318	216	C328	160	C338	160	C348	160
C289	160	C299	160	C309	160	C319	216	C329	160	C339	160	C349	160
C290	160	C300	160	---	---	---	---	C330	160	C340	160	C350	160

CAPACITOR

SYMBOL NO.	INDEX NO.
C351	160
C352	160
C353	160

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	102
CN2	106
---	---
CN4	105
CN5	107
CN6	108
---	---
---	---
CN9	103
CN10	104

SYMBOL NO.	INDEX NO.
---	---
---	---
CN13	101
---	---
CN15	109
CN16	109

DIODE

SYMBOL NO.	INDEX NO.
D1	112
D2	112
D3	112
D4	112

FILTER

SYMBOL NO.	INDEX NO.
FIL1	172
FIL2	172
FIL3	172
FIL4	171
FIL5	169
FIL6	170
FIL7	170

HIC

SYMBOL NO.	INDEX NO.
HIC1	2

IC

SYMBOL NO.	INDEX NO.
IC1	116
IC2	118
IC3	117
---	---
IC5	130
IC6	119
IC7	218
IC8	123
IC9	124
IC10	1

17.MAIN CONTROL BOARD (G113)

IC

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
IC16	219
IC17	120
---	---
---	---
IC20	122

SYMBOL NO.	INDEX NO.
IC21	121
---	---
IC23	131
IC24	125
IC25	128
IC26	134
IC27	133
IC28	137
IC29	127
IC30	126

SYMBOL NO.	INDEX NO.
IC31	136
IC32	129
ICS5	110

JP

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
JP4	180
JP5	179
---	---
---	---
JP7	179
JP8	179
---	---
---	---

SYMBOL NO.	INDEX NO.
JP11	179
JP12	179
JP13	179
JP14	179
JP15	179
---	---
---	---
JP18	179
---	---
---	---

L

SYMBOL NO.	INDEX NO.
L1	172
---	---
---	---
L4	174

LED

SYMBOL NO.	INDEX NO.
LED1	114
LED2	115
LED3	113

OSC

SYMBOL NO.	INDEX NO.
OSC1	138
OSC2	140
OSC3	139

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
R2	193
R3	193
R4	193
---	---
---	---
R6	194
R7	213
R8	204
R9	195
R10	196

SYMBOL NO.	INDEX NO.
R11	195
R12	196
---	---
R14	196
---	---
R16	183
R17	193
R18	193
R19	182
R20	184

SYMBOL NO.	INDEX NO.
R21	184
R22	182
R23	202
R24	202
R25	193
R26	193
---	---
R28	201
---	---
R30	193

SYMBOL NO.	INDEX NO.
R31	196
R32	184
R33	184
R34	184
R35	193
R36	184
R37	184
R38	193
R39	193
R40	193

SYMBOL NO.	INDEX NO.
R41	193
R42	193
R43	193
R44	193
R45	193
R46	193
R47	193
R48	193
R49	193
R50	193

SYMBOL NO.	INDEX NO.
R51	193
R52	193
R53	193
---	---
---	---
R56	183
R57	183
---	---
R59	208
R60	178

SYMBOL NO.	INDEX NO.
R61	180
R62	206
---	---
R64	183
R65	200
R66	200
R67	193
R68	183
---	---
---	---

17.MAIN CONTROL BOARD (G113)

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
R73	184
R74	184
R75	184
R76	193
R77	193
R78	190
---	---
---	---

SYMBOL NO.	INDEX NO.
R81	193
R82	193
R83	193
---	---
---	---
---	---
---	---
R88	184
R89	184
R90	184

SYMBOL NO.	INDEX NO.
R91	184
R92	193
R93	184
R94	181
R95	181
R96	190
R97	181
R98	190
R99	181
R100	196

SYMBOL NO.	INDEX NO.
R101	180
R102	180
---	---
R104	180
R105	180
R106	190
R107	190
---	---
R109	187
R110	184

SYMBOL NO.	INDEX NO.
R111	193
R112	183
R113	183
---	---
---	---
---	---
R117	190
R118	193
R119	193
R120	193

RESISTOR

SYMBOL NO.	INDEX NO.
R121	184
R122	183
R123	183
R124	180
R125	180
R126	180
R127	193
R128	193
R129	193
R130	193

SYMBOL NO.	INDEX NO.
R131	182
R132	183
---	---
R134	183
R135	184
R136	183
R137	184
R138	183
R139	186
R140	193

RESISTOR

SYMBOL NO.	INDEX NO.
R141	201
R142	201
R143	201
R144	201
R145	197
R146	197
R147	193
R148	197
R149	191
R150	205

SYMBOL NO.	INDEX NO.
R151	211
R152	211
R153	191
R154	212
R155	212
R156	212
R157	212
R158	210
R159	210
R160	180

SYMBOL NO.	INDEX NO.
R161	180
R162	180
R163	180
R164	193
R165	184
R166	193
R167	184
R168	193
R169	192
R170	189

SYMBOL NO.	INDEX NO.
R171	209
R172	209
R173	188
R174	195
R175	185
R176	201
R177	184
R178	184
R179	201
---	---

SYMBOL NO.	INDEX NO.
R181	201
R182	184
R183	201
R184	201
R185	201
R186	201
R187	184
R188	201
R189	201
R190	201

SYMBOL NO.	INDEX NO.
R191	201
R192	201
R193	184
R194	201
R195	184
R196	201
R197	201
R198	184
---	---
---	---

SYMBOL NO.	INDEX NO.
R201	183
R202	184
R203	184
R204	184
R205	184
R206	184
R207	184
R208	193
R209	193
R210	193

17.MAIN CONTROL BOARD (G113)

RESISTOR

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.
R211	193	R221	197	R231	183	R241	193	R251	184	R261	193	---	---
R212	184	R222	207	R232	183	R242	193	R252	181	R262	193	---	---
R213	184	R223	184	R233	184	R243	193	R253	181	R263	193	---	---
R214	193	R224	183	---	---	R244	193	R254	181	R264	193	---	---
R215	193	R225	184	---	---	R245	193	R255	181	---	---	R275	183
R216	184	R226	184	R236	193	R246	183	R256	181	---	---	R276	183
R217	184	R227	201	---	---	---	---	---	---	---	---	R277	198
R218	188	R228	184	R238	193	R248	181	R258	193	---	---	R278	198
R219	197	R229	183	R239	193	R249	181	R259	193	R269	193	R279	198
R220	186	R230	183	R240	193	R250	181	R260	193	R270	193	R280	198

RESISTOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
R281	183	R291	193	R301	184	R311	193
R282	184	R292	184	R302	203	R312	193
R283	184	R293	193	R303	183	R313	184
R284	184	R294	193	R304	203	R314	193
R285	184	R295	193	R305	199	R315	203
R286	184	R296	193	R306	203	---	---
R287	193	---	---	---	---	---	---
R288	193	---	---	R308	184	R318	180
R289	193	---	---	---	---	R319	193
---	---	---	---	R310	193		

REG

SYMBOL NO.	INDEX NO.
REG1	132
REG2	132
REG3	135

RN

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
RN1	141	RN11	141
RN2	177	RN12	144
RN3	141	RN13	143
RN4	141	RN14	143
RN5	141	RN15	143
RN6	143	RN16	143
RN7	143	RN17	142
RN8	141	RN18	142
RN9	141	RN19	142
RN10	141	RN20	143

17.MAIN CONTROL BOARD (G113)

RN

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.
RN21	143	RN31	176	RN41	175	RN51	142	RN62	144	SW1	111	T1	173
RN22	143	RN32	176	RN42	175	---	---	RN63	144				
RN23	143	---	---	RN43	175	---	---	RN64	143				
RN24	143	RN34	142	RN44	175	---	---	RN65	143				
RN25	143	RN35	143	RN45	175	RN55	143						
						RN56	143	RN66	143				
RN26	143	---	---	RN46	176	RN57	143	RN67	143				
RN27	143	RN37	143	RN47	143	RN58	141	RN68	177				
RN28	143	RN38	143	---	---	RN59	177						
RN29	143	---	---	RN49	143	RN60	143						
RN30	176	---	---	RN50	143	RN61	143						

17.MAIN CONTROL BOARD (G113)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G113 5317	Controller Board - G113 Model	1
1	G089 5900	Asic:Piccolo	1
2	G089 5902	Hybrid IC:D3144	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4203	CT Header - 4P	
102	1102 7625	Connector - TX24-80R-LT-N1	
103	1102 7785	Connector - 57RE40360830BD29B	
104	1102 8329	Connector - Usb - UBB-4R-D14C	
105	1102 8356	Connector - FX2MAB-44P	
106	1102 8357	Connector - 52777-0809	
107	1102 8832	Connector - DM-3D4-B3210	
108	1102 8989	Lan Connector	
109	1102 9336	Connector:Fps009-2300-0	
110	1104 0764	IC Socket - 8 PIN	
111	1204 1542	DIP Switch	
112	1401 0821	Diode - 1SS133	
113	1403 0953	LED - SML-310MT	
114	1403 0996	LED - SML-310VT	
115	1403 1033	LED - SML-310YT	
116	1407 2218	TTLIC - SN74LS06NS	
117	1407 4919	IC - 74VHCT244 TSSOP	
118	1407 4920	IC - 74VHCT245	
119	1407 5337	CMOS Logic - 74LVCH16373A TSSOP	
120	1407 5351	IC - SN74LV14APW	
121	1407 5353	IC - SN74LV244APW	
122	1407 5361	IC - 74LVC157A TSSOP	
123	1407 5501	IC Sn74lv273apw	
124	1407 5523	Rom - I2c Sop 3v	
125	1407 5717	IC - ICS960001AF	
126	1407 5868	Ethernet Cont Lsi - DP83847ALQA56A	
127	1407 5960	IC - SN74LVGZ161284ADGG	
128	1407 6062	USB2.0 - KL5BUDV003CCFP	
129	1407 6201	CMOS Logic SN74LVC1G125DCK	
130	1407 6465	RAM:FM25L256-PG(REV.AG)	
131	1407 6251	CPU:TMPR4955CFG-400	
132	1408 1664	Series Regulator:LM1117MP-ADJ/NOPB	
133	1408 1778	IC:R3112Q101A	
134	1408 1779	IC - R3112Q281A	
135	1408 1818	Series Regulator - LM1117MP-1.8	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1408 1825	IC - R3112Q121A	
137	1408 1838	IC - R3112Q431A	
138	1503 0842	Oscillator - 14.31818MHZ	
139	1503 1138	Crystal Oscilator - 48MHZ	
140	1503 1239	Crystal Oscilator:25mhz	
141	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
142	1601 7896	Resistor Array - 56 Ω $\pm$ 5% 1/32W	
143	1601 7898	Resistor Array	
144	1601 7943	Resistor Array - 68 Ω $\pm$ 5% 1/32W	
145	1604 2362	Capacitor - 100 μ F $\pm$ 20% 25V	
146	1604 4683	Capacitor - 100UF $\pm$ 20% 10V	
147	1604 5135	Capacitor - 1000 μ F $\pm$ 20% 10V	
148	1604 5136	Capacitor - 680 μ F $\pm$ 20% 10V	
149	1605 1025	Capacitor - 1000pF $\pm$ 10% 2KV	
150	1605 1160	Capacitor:0.22uf:+80-20%:16v	
151	1605 1186	Ceramic Capacitor:220pF: $\pm$ 10%:50v	
152	1605 1198	Capacitor - 7PF: $\pm$ 0.5pF:50V	
153	1605 1200	Capacitor - 10PF $\pm$ 0.5pF 50V	
154	1605 1202	Capacitor - 15pF $\pm$ 5% 50V	
155	1605 1205	Capacitor - 33pF $\pm$ 5% 50V	
156	1605 1208	Capacitor:100pF: $\pm$ 5%:50v	
157	1605 1209	Capacitor - 150pF $\pm$ 5% 50V	
158	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
159	1605 1216	Capacitor - 2200pF $\pm$ 10%:50V	
160	1605 1221	Capacitor - 0.1 UF+80-20%:16V	
161	1605 1224	Capacitor 4.7 μ F $\pm$ 10% 6.3v	
162	1605 1240	Capacitor - 0.01 μ F $\pm$ 10% 25V	
163	1605 1288	Capacitor - 220pF $\pm$ 5% 50V	
164	1605 1289	Capacitor - 0.1 μ F $\pm$ 10% 10V	
165	1605 1295	Capacitor:10uf:+80-20%:10v	
166	1605 1303	Capacitor - 0.01 μ F+80-20% 50V	
167	1605 1305	Capacitor - 1 μ F+80-20% 6.3V	
168	1605 1307	Capacitor - 2.2 μ F+80-20% 11V	
169	1607 1014	EMI Filter - BLM11P600SPB	
170	1607 1051	Filter -fbmj2125hs420	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1607 1285	Filter Nfm2012p13c105f	
172	1607 1351	Filter Blm21pg221sn1b	
173	1607 1509	Transformer - T1a-6t118lf	
174	1607 1637	Coil:Acm2012-900-2p	
175	1609 0005	Registor:33 Ω : $\pm$ 5%:1/16w	
176	1609 0011	Registor:22 Ω : $\pm$ 5%:1/16w	
177	1609 0020	Registor:10 Ω : $\pm$ 5%:1/16w	
178	1610 1795	Resistor - 33 Ω $\pm$ 0.5% 1/10W	
179	1632 0000	Resistor - 0 Ω 1/8W	
180	1634 0000	Resistor - 0 Ω 1/16W	
181	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
182	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
183	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
184	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
185	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	
186	1650 4122	Resistor - 1.2K Ω $\pm$ 5% 1/10W	
187	1650 4150	Resistor - 15 Ω $\pm$ 5% 1/10W	
188	1650 4152	Resistor - 1.5K Ω $\pm$ 5% 1/10W	
189	1650 4153	Resistor - 15K Ω $\pm$ 5% 1/10W	
190	1650 4220	Chip Resistor - 22 Ω $\pm$ 5% 1/10w	
191	1650 4271	Resistor - 270 Ω $\pm$ 5%1/10W	
192	1650 4303	Resistor - 30K Ω $\pm$ 5% 1/10W	
193	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10w	
194	1650 4331	Resistor - 330 Ω $\pm$ 5%1/10W	
195	1650 4471	Resistor - 470 Ω $\pm$ 5%1/10W	
196	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
197	1650 4512	Resistor - 5.1K Ω $\pm$ 5%1/10W	
198	1650 4560	Chip Resistor - 56 Ω $\pm$ 5% 1/10w	
199	1650 4562	Resistor - 5.6K Ω $\pm$ 5% 1/10W	
200	1650 4569	Resistor - 5.6 Ω : $\pm$ 5%:1/10W	
201	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
202	1650 4683	Resistor - 68K Ω $\pm$ 5% 1/10W	
203	1650 4820	Resistor - 82 Ω $\pm$ 5% 1/10W	
204	1650 4821	Chip Resistor - 820 Ω $\pm$ 5% 1/10w	
205	1654 1002	Resistor - 10K Ω $\pm$ 5%1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
206	1654 1200	Resistor - 120Ω ±1% 1/10W	
207	1654 1242	Resistor - 12.4K Ω ±1% 1/10W	
208	1654 1600	Chip Resistor:160 Ω	
209	1654 3909	Resistor - 39Ω±1%1/10W	
210	1654 4999	Resistor - 49.9Ω±1%1/10W	
211	1654 5499	Resistor - 54.9Ω±1%1/10W	
212	1654 7509	Resistor - 75Ω±1% 1/10W	
213	1654 8200	Resistor - 820Ω±1%1/10W	
214	1660 2471	Capacitor - 470pF - ±5% - 50V	
215	1660 4102	Capacitor - 1000pF ±10% 50V	
216	1660 6103	Capacitor - 10000pF - +80%-20%50V	
217	1660 8104	Capacitor - 0.1μF+80-20% 25V	
218	1906 0075	Flash Memory - Mbm29pl64lm90pcn	
219	1906 0076	Flash Memory:Mbm29pl12lm12pcn	

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

18.Engine BOARD (G094/G095)

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	147	C11	201	C21	194	C31	197	C41	155	C51	152	---	---
---	---	C12	151	C22	194	C32	197	C42	155	C52	152	C62	154
C3	148	---	---	C23	197	C33	197	C43	155	C53	152	C63	201
C4	148	C14	190	C24	153	C34	153	C44	155	C54	152	C64	201
---	---	C15	190	C25	153	C35	197	C45	155	C55	201	C65	201
C6	156	C16	191	C26	192	C36	155	C46	155	C56	151	---	---
C7	156	C17	192	C27	196	C37	155	C47	155	C57	197	C67	201
C8	156	C18	192	C28	153	C38	155	C48	155	C58	201	C68	201
C9	156	C19	192	---	---	---	---	C49	155	C59	201	---	---
C10	156	C20	157	---	---	C40	155	C50	200	---	---	C70	201

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.
---	---	C81	201	C91	197	---	---	---	---	C121	201	C131	151
C72	201	C82	201	C92	201	---	---	---	---	C122	201	---	---
C73	154	C83	154	---	---	---	---	C113	197	---	---	C133	151
C74	154	C84	201	C94	201	---	---	C114	198	---	---	---	---
C75	201	C85	154	C95	201	C105	155	C115	198	C125	148	C135	154
C76	154	C86	197	C96	201	C106	154	C116	197	---	---	---	---
C77	201	C87	197	C97	201	---	---	C117	201	---	---	C137	199
C78	201	C88	197	C98	154	C108	201	C118	197	C128	151	C138	153
C79	201	C89	201	---	---	C109	155	C119	201	---	---	C138	193
C80	201	C90	201	C100	155	C110	197	---	---	---	---	C139	154
												C140	149

18.Engine BOARD (G094/G095)

CAPACITOR

SYMBOL NO.	INDEX NO.
C141	197
C142	201
---	---
---	---
C145	153
---	---
C147	153
C148	201
---	---
C150	197

SYMBOL NO.	INDEX NO.
C151	201
C152	197
C153	151
C154	197
C155	201
---	---
C156	201
C157	200
C158	195
C159	192
---	---

SYMBOL NO.	INDEX NO.
C161	155
C162	155
C163	197
---	---
C165	193
---	---
C166	193
C167	193
C168	192
---	---
---	---

SYMBOL NO.	INDEX NO.
C171	152
C172	150

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	111
CN2	119
CN3	116
CN4	115
CN5	110
---	---
CN6	120
CN7	106
CN8	107
CN9	109
CN10	101

SYMBOL NO.	INDEX NO.
CN11	102
CN12	103
CN13	104
CN14	101
CN15	118
---	---
CN16	117
CN17	114
CN18	102
---	---
CN20	113

SYMBOL NO.	INDEX NO.
CN21	105
CN22	112

DIODE

SYMBOL NO.	INDEX NO.
D2	131
D3	131
D4	130

FIL

SYMBOL NO.	INDEX NO.
FIL6	162
FIL7	159
FIL8	161
FIL9	161
---	---
---	---
FIL12	161
---	---
---	---
---	---
FIL16	158

FUSE

SYMBOL NO.	INDEX NO.
FU1	122

IC

SYMBOL NO.	INDEX NO.
IC1	134
IC2	1
IC3	---
IC4	202
IC5	138
Socket	121
---	---
---	---
IC8	134
IC9	136
IC10	137

JP

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
---	---
---	---
---	---
JP27	166
---	---
JP29	166
---	---

SYMBOL NO.	INDEX NO.
JP31	166
---	---
---	---
JP34	166
---	---
---	---
JP36	166
---	---
---	---
JP39	166
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
---	---
JP44	166
JP125	166

18.Engine BOARD (G094/G095)

L

SYMBOL NO.	INDEX NO.
L1	160

OSC

SYMBOL NO.	INDEX NO.
OSC1	141

Q

SYMBOL NO.	INDEX NO.
Q1	135
---	---
---	---
Q4	129
---	---
Q6	126
Q7	126
Q8	125
Q9	128
Q10	125

RESISTOR

SYMBOL NO.	INDEX NO.
Q11	125
Q12	125
Q13	125
Q14	127
Q15	124

SYMBOL NO.	INDEX NO.
R1	165
R2	165
R3	168
R4	168
R5	168
R6	168
R7	168
R8	168
R9	168
R10	168

SYMBOL NO.	INDEX NO.
R11	168
R12	168
R13	168
R14	169
---	---
R16	169
R17	169
R18	169
R19	169
R20	169

SYMBOL NO.	INDEX NO.
R21	175
R22	169
R23	169
R24	169
R25	169
R26	169
R27	169
R28	169
R29	169
R30	169

LED

SYMBOL NO.	INDEX NO.
LED1	133

SYMBOL NO.	INDEX NO.
R31	169
R32	169
R33	169
R34	169
R35	169
R36	169
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
---	---
---	---
R43	170
---	---
---	---
---	---
R49	170
R50	170

SYMBOL NO.	INDEX NO.
R51	187
R52	170
R53	170
R54	170
R55	170
---	---
---	---
---	---
---	---
---	---

SYMBOL NO.	INDEX NO.
R61	172
R62	173
R63	173
R64	173
R65	174
R66	174
R67	174
R68	174
R69	174
R70	174

SYMBOL NO.	INDEX NO.
R71	169
R72	176
R73	169
R74	168
R75	168
R76	168
---	---
---	---
R79	179
---	---

SYMBOL NO.	INDEX NO.
R81	180
R82	180
R83	180
R84	180
---	---
---	---
R87	180
R88	180
R89	180
R90	169

SYMBOL NO.	INDEX NO.
R91	185
R92	185
R93	185
---	---
R95	184
---	---
---	---
R97	178
R98	188
R99	189
R100	189

18.Engine BOARD (G094/G095)

RESISTOR

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.
R101	174	R111	164	R121	177	---	---	R141	170	R151	177	R161	184
R102	172	R112	163	R122	177	---	---	---	---	---	---	R162	184
R103	169	---	---	---	---	---	---	R143	169	---	---	R163	170
R104	170	R114	167	---	---	R134	168	---	---	---	---	---	---
---	---	R115	167	---	---	R135	174	R145	169	---	---	R165	170
---	---	---	---	---	---	---	---	---	---	---	---	R166	171
R107	168	R116	167	R127	182	R137	170	R147	169	---	---	R167	183
R108	169	R117	167	---	---	R138	170	R148	181	R158	169	R168	169
R109	170	R118	177	R129	182	---	---	---	---	R159	174	R169	169
R110	170	R119	177	R130	171	---	---	---	---	R160	173	R170	169
		R120	177										

RESISTOR

SYMBOL NO.	INDEX NO.
---	---
---	---
R173	169
R174	169
---	---
---	---
R177	186
R178	177
R179	177
R180	168

SYMBOL NO.	INDEX NO.
R181	168
R182	177
R183	168
R184	168
R185	177
R186	177

REG

SYMBOL NO.	INDEX NO.
REG1	140
REG2	139

RN

SYMBOL NO.	INDEX NO.
RN1	142
RN2	142
RN3	142
RN4	142
---	---
RN6	142
RN7	142
RN8	142
RN9	143
RN10	143

SYMBOL NO.	INDEX NO.
RN11	143
---	---
---	---
RN15	144
RN16	144
RN17	144
RN18	144
RN19	144
RN20	144

SYMBOL NO.	INDEX NO.
RN21	145
RN22	145
RN23	145
RN24	146
RN25	146
RN26	146
RN27	146
RN28	146
RN29	146
RN30	146

SYMBOL NO.	INDEX NO.
RN31	146
RN32	146
RN33	146

18.Engine BOARD (G094/G095)

SW

SYMBOL NO.	INDEX NO.
SW1	123

TB

SYMBOL NO.	INDEX NO.
TB1	108

ZD

SYMBOL NO.	INDEX NO.
ZD1	132

18.Engine BOARD (G094/G095)

Index No.	Part No.	Description	Q'ty Per Assembly
*	G129 5602	PCB:EGB:NA (RoHs)	1
*	G098 5102	PCB EGB Ass'y - NA	1
*	G129 5604	PCB:EGB:EU:C (RoHs)	1
*	G098 5104	PCB EGB Ass'y - EU	1
1	G088 5353	IC:RL5C580	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4201	Connector - 2P	
102	1102 4202	Connector - 3P	
103	1102 4203	CT Header - 4P	
104	1102 4205	CT Header - 6P	
105	1102 4207	Connector - 8P	
106	1102 4631	CT Connector - 2p	
107	1102 4643	CT Connector - 2p	
108	1102 5943	Connector - 2P	
109	1102 6295	Connector - 2P	
110	1102 6306	Connector - 13P	
111	1102 6592	Connector - 8P	
112	1102 7626	Connector - TX25-80P-LT-N1	
113	1102 8299	Connector - 52610-1017	
114	1102 8655	Connector - 9P 353297-9	
115	1102 9108	Connector - 353297-3	
116	1102 9111	Connector - 353297-7	
117	1102 9112	Connector - 353297-8	
118	1102 9113	Connector - 1-353297-0	
119	1102 9118	Connector:1-353297-9	
120	1102 9121	Connector:2-353308-4	
121	1104 0764	IC Socket - 8 PIN	
122	1109 0039	Circuit Protector - ICP-S2.3	
123	1204 1541	DIP Switch	
124	1400 0571	Transistor - 2SA1577	
125	1400 0688	Transistor -DTC143ZUA	
126	1400 0767	Transistor:DTA114EUA	
127	1400 0775	Transistor - 2SC4081	
128	1400 0801	Transistor - DTC113ZUA	
129	1401 0972	Transistor-2SB1260	
130	1402 0545	Diode - 1SS244	
131	1402 1336	Diode - 1SS355	
132	1402 1511	Zenerdiode - MTZJ13B	
133	1403 0996	LED - SML-310VT	
134	1407 2187	TTLIC - SN74LS07NS	
135	1407 2219	IC - TD62003AP	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1407 3357	Comparator - BA10393F	
137	1407 5161	CPU- HD64F2633WF25	
138	1407 5271	EEPROM - M24C02-BN6	
139	1408 1770	Series Regulator - R5323N013A	
140	1408 1834	IC - R5510H011N	
141	1503 0697	Crystal Oscillator Ma-406 20Mhz	
142	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
143	1601 7791	Resistor Array - 1K Ω $\pm$ 5%	
144	1601 7866	Resistor Array - 150 Ω $\pm$ 5%	
145	1601 7871	Resistor - 68 Ω $\pm$ 5% 1/16W	
146	1601 7898	Resistor Array	
147	1604 4730	Capacitor - 47 μ F $\pm$ 20% 50V	
148	1604 4733	Capacitor - 100 μ F $\pm$ 20% 10V	
149	1604 4955	Capacitor - 10 μ F $\pm$ 20% 16V	
150	1604 5065	Capacitor 10uf: $\pm$ 20%:50V	
151	1605 0976	Capacitor - 1 μ F+80% -20% 10V	
152	1605 1148	Capacitor - 0.1 μ F+80-20% 50V	
153	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
154	1605 1221	Capacitor - 0.1 UF+80-20%16V	
155	1605 1303	Capacitor - 0.01 μ F+80-20% 50V	
156	1605 1353	Capacitor - 0.1 μ F $\pm$ 10% 25V	
157	1605 1355	Ceramic Capacitor:680pF: $\pm$ 10%:50V	
158	1607 0810	Filter - BK2125HS121	
159	1607 1076	Filter - MMZ1608Y152B	
160	1607 1196	Inductor -220uh $\pm$ 20% 0.33A	
161	1607 1241	Filter - MMZ1608R102C	
162	1607 1489	Filter - MMZ1608B301C	
163	1610 1409	Chip Resistor - 6.8 Ω $\pm$ 5%	
164	1610 1732	Resistor:270 Ω : $\pm$ 5%:1W:6332	
165	1611 8472	Resistor - 4.7K Ω	
166	1634 0000	Resistor - 0 Ω 1/16W	
167	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
168	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
169	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
170	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1650 4122	Resistor - 1.2K Ω $\pm$ 5% 1/10W	
172	1650 4153	Resistor - 15K Ω $\pm$ 5% 1/10W	
173	1650 4201	Resistor - 200 Ω $\pm$ 5%1/10W	
174	1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	
175	1650 4300	Resistor - 30 Ω $\pm$ 5%1/10W	
176	1650 4302	Resistor - 3K Ω $\pm$ 5%1/10W	
177	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
178	1650 4431	Resistor - 430 Ω $\pm$ 5% 1/10W	
179	1650 4470	Resistor - 47 Ω $\pm$ 5%1/10W	
180	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
181	1650 4473	Resistor - 47K Ω $\pm$ 5%1/10W	
182	1650 4563	Resistor - 56K Ω $\pm$ 5%1/10W	
183	1650 4622	Resistor:6.2k Ω : $\pm$ 5%:1/10W	
184	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
185	1650 4681	Resistor - 680 Ω $\pm$ 5% 1/10W	
186	1650 4824	Resistor:820k Ω : $\pm$ 5%:1/10W:1608	
187	1654 1002	Resistor - 10K Ω $\pm$ 5%1/10W	
188	1654 4301	Resistor - 4.3K Ω $\pm$ 1%1/10W	
189	1654 6801	Resistor - 6.8K Ω $\pm$ 1% 1/10W	
190	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
191	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
192	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
193	1660 2221	Capacitor - 220pF +80-20% 50V	
194	1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	
195	1660 2391	Capacitor - 390pF $\pm$ 5% 50V	
196	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
197	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
198	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
199	1660 4222	Capacitor - 2200pF - $\pm$ 10% - 50V	
200	1660 4332	Capacitor - 3300pF - $\pm$ 10% - 50V	
201	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
202	1902 0056	RAM - 256k X870NS G14	

19.Engine BOARD (G112/G113)

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	145	C11	199	C21	192	C31	195	C41	155	C51	150	---	---
---	---	C12	149	C22	192	C32	195	C42	155	C52	150	C62	154
C3	146	---	---	C23	195	C33	195	C43	155	C53	150	C63	199
C4	146	C14	188	C24	153	C34	153	C44	155	C54	150	C64	199
---	---	C15	188	C25	153	C35	195	C45	155	C55	199	C65	199
C6	152	C16	189	C26	190	C36	155	C46	155	C56	149	---	---
C7	156	C17	190	C27	194	C37	155	C47	155	C57	195	C67	199
C8	156	C18	190	C28	153	C38	155	C48	155	C58	199	C68	199
C9	156	C19	190	---	---	---	---	C49	155	C59	199	---	---
C10	156	C20	151	---	---	C40	155	C50	198	---	---	C70	199

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.
---	---	C81	199	C91	195	---	---	---	---	C121	199	C131	149
C72	199	C82	199	C92	199	---	---	---	---	C122	199	---	---
C73	154	C83	154	---	---	---	---	C113	195	---	---	C133	149
C74	154	C84	199	C94	199	---	---	C114	196	---	---	---	---
C75	199	C85	154	C95	199	C105	155	C115	196	C125	146	C135	154
C76	154	C86	195	C96	199	C106	154	C116	195	---	---	C136	191
C77	199	C87	195	C97	199	---	---	C117	199	---	---	C137	197
C78	199	C88	195	C98	154	C108	199	C118	195	C128	149	C138	153
C79	199	C89	199	---	---	C109	155	C119	199	---	---	C139	154
C80	199	C90	199	C100	155	C110	195	---	---	---	---	C140	147

19.Engine BOARD (G112/G113)

CAPACITOR

SYMBOL NO.	INDEX NO.
C141	195
C142	199
---	---
---	---
C145	153
---	---
C147	153
---	---
C149	199
C150	195

SYMBOL NO.	INDEX NO.
C151	199
C152	195
C153	149
C154	195
C155	199
---	---
C156	199
C157	198
C158	193
---	---
---	---

SYMBOL NO.	INDEX NO.
C161	155
C162	155
C163	195
---	---
C165	191
---	---
C166	191
C167	191
C168	190
C169	190
---	---

SYMBOL NO.	INDEX NO.
C171	150
C172	148

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	111
CN2	119
CN3	116
CN4	115
CN5	110
---	---
CN6	120
CN7	106
CN8	107
CN9	109
CN10	101

SYMBOL NO.	INDEX NO.
CN11	102
CN12	103
CN12	101
CN13	104
---	---
CN15	118
CN16	117
---	---
CN18	102
---	---
CN20	113

SYMBOL NO.	INDEX NO.
CN21	105
CN22	112
---	---
---	---
---	---
---	---
---	---
CN27	114

DIODE

SYMBOL NO.	INDEX NO.
---	---
D2	130
D3	130
D4	129
---	---

FIL

SYMBOL NO.	INDEX NO.
FIL6	161
FIL7	158
FIL8	160
FIL9	160
---	---
---	---
FIL12	160
---	---
---	---
---	---
FIL16	157

FUSE

SYMBOL NO.	INDEX NO.
FU1	122

IC

SYMBOL NO.	INDEX NO.
IC1	132
IC2	1
IC3	2
IC4	200
IC5	121
IC5	135
---	---
---	---
IC8	132
IC9	138
IC10	134

JP

SYMBOL NO.	INDEX NO.
JP27	165
---	---
JP29	165
---	---
JP31	165
---	---
---	---
JP34	165
---	---
JP36	165

SYMBOL NO.	INDEX NO.
---	---
---	---
JP39	165
---	---
---	---
---	---
---	---
JP44	165
JP125	165

L

SYMBOL NO.	INDEX NO.
L1	159

OSC

SYMBOL NO.	INDEX NO.
OSC1	139

19.Engine BOARD (G112/G113)

Q

RESISTOR

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.
Q1	133	Q11	125	R1	164	R11	167	R21	174	R31	168	---	---
---	---	Q12	125	R2	164	R12	167	R22	168	R32	168	---	---
---	---	Q13	125	R3	167	R13	167	R23	168	R33	168	R43	169
Q4	128	---	---	R4	167	R14	168	R24	168	R34	168	---	---
---	---	Q15	124	R5	167	---	---	R25	168	R35	168	---	---
Q6	126			R6	167	R16	168	R26	168	R36	168	---	---
Q7	126			R7	167	R17	168	R27	168	---	---	---	---
Q8	125			R8	167	R18	168	R28	168	---	---	---	---
Q9	127			R9	167	R19	168	R29	168	---	---	R49	169
Q10	125			R10	167	R20	168	R30	168	---	---	R50	169

RESISTOR

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.
R51	185	R61	171	R71	168	R81	179	R91	184	R101	173	R111	163
R52	169	R62	172	R72	175	R82	179	R92	184	R102	171	R112	162
R53	169	R63	172	R73	168	R83	179	---	---	R103	168	---	---
R54	169	R64	172	R74	167	R84	179	---	---	R104	169	R114	166
R55	169	R65	173	R75	167	---	---	R95	183	---	---	R115	166
---	---	R66	173	R76	167	---	---	---	---	---	---	R116	166
---	---	R67	173	---	---	R87	179	R97	177	R107	167	R117	166
---	---	R68	173	---	---	R88	179	R98	186	R108	168	R118	176
---	---	R69	173	R79	178	R89	179	R99	187	R109	169	R119	176
---	---	R70	173	---	---	R90	168	R100	187	R110	169	R120	176

19.Engine BOARD (G112/G113)

RESISTOR

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.
R121	176	---	---	R141	169	R151	176	R161	183	---	---	R181	167
R122	176	---	---	---	---	---	---	R162	183	---	---	R182	176
---	---	---	---	R143	168	---	---	R163	169	R173	168	R183	167
---	---	R134	167	---	---	---	---	---	---	R174	168	R184	167
---	---	---	---	R145	168	---	---	R165	169	---	---	R185	176
---	---	---	---	---	---	---	---	R166	170	---	---	R186	176
R127	181	R136	173	R147	168	---	---	R167	182	---	---		
---	---	R137	169	R148	180	R158	168	R168	168	R178	176		
R129	181	R138	169	---	---	R159	173	R169	168	R179	176		
R130	170	---	---	---	---	R160	172	R170	168	R180	167		

REG

SYMBOL NO.	INDEX NO.
REG1	137
REG2	136

RN

SYMBOL NO.	INDEX NO.
RN1	140
RN2	140
RN3	140
RN4	140
---	---
RN6	140
RN7	140
RN8	140
RN9	141
RN10	141

SYMBOL NO.	INDEX NO.
RN11	141
---	---
---	---
---	---
RN15	142
RN16	142
RN17	142
RN18	142
RN19	142
RN20	142

SYMBOL NO.	INDEX NO.
RN21	143
RN22	143
RN23	143
RN24	144
RN25	144
RN26	144
RN27	144
RN28	144
RN29	144
RN30	144

SYMBOL NO.	INDEX NO.
RN31	144
RN32	144
RN33	144

SW

SYMBOL NO.	INDEX NO.
SW1	123

TB

SYMBOL NO.	INDEX NO.
TB1	108

ZD

SYMBOL NO.	INDEX NO.
ZD1	131

19.Engine BOARD (G112/G113)

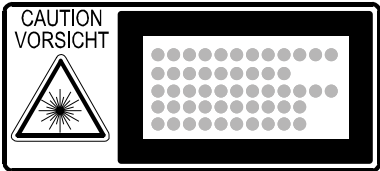
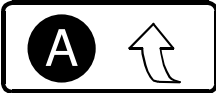
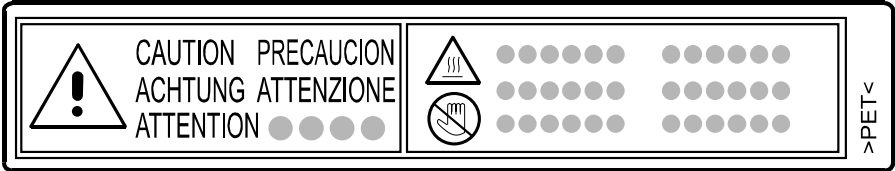
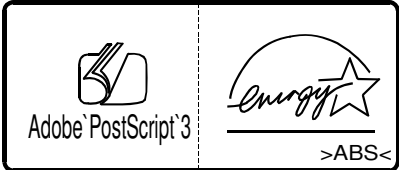
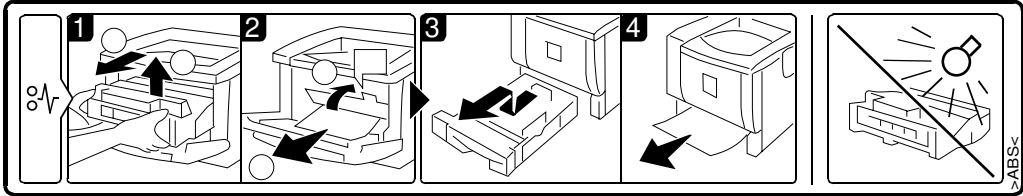
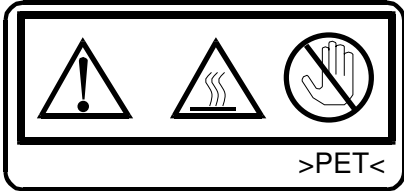
Index No.	Part No.	Description	Q'ty Per Assembly
*	G129 5102	PCB - Engine Board : NA	1
*	G129 5104	PCB - Engine Board : EU	1
1	G088 5353	IC:RL5C580	1
2	GY20 0012	IC:E-MAC2	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4201	Connector - 2P	
102	1102 4202	Connector - 3P	
103	1102 4203	CT Header - 4P	
104	1102 4205	CT Header - 6P	
105	1102 4207	Connector - 8P	
106	1102 4631	CT Connector - 2p	
107	1102 4643	CT Connector - 2p	
108	1102 5943	Connector - 2P	
109	1102 6295	Connector - 2P	
110	1102 6306	Connector - 13P	
111	1102 6592	Connector - 8P	
112	1102 7626	Connector - TX25-80P-LT-N1	
113	1102 8299	Connector - 52610-1017	
114	1102 8655	Connector - 9P 353297-9	
115	1102 9108	Connector - 353297-3	
116	1102 9111	Connector - 353297-7	
117	1102 9112	Connector - 353297-8	
118	1102 9113	Connector - 1-353297-0	
119	1102 9118	Connector:1-353297-9	
120	1102 9121	Connector:2-353308-4	
121	1104 0764	IC Socket - 8 PIN	
122	1109 0039	Circuit Protector - ICP-S2.3	
123	1204 1541	DIP Switch	
124	1400 0571	Transistor - 2SA1577	
125	1400 0688	Transistor -DTC143ZUA	
126	1400 0767	Transistor:DTA114EUA	
127	1400 0801	Transistor - DTC113ZUA	
128	1401 0972	Transistor-2SB1260	
129	1402 0545	Diode - 1SS244	
130	1402 1336	Diode - 1SS355	
131	1402 1511	Zenerdiode - Mtzj13b	
132	1407 2187	TTLIC - SN74LS07NS	
133	1407 2219	IC - TD62003AP	
134	1407 5161	CPU- HD64F2633WF25	
135	1407 5271	EEPROM - M24C02-BN6	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1408 1770	Series Regulator - R5323N013A	
137	1408 1834	IC - R5510H011N	
138	1408 1911	Comparator - LM2903PW	
139	1503 0697	Crystal Oscillator Ma-406 20mhz	
140	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
141	1601 7791	Resistor Array - 1K Ω $\pm$ 5%	
142	1601 7866	Resistor Array - 150 Ω $\pm$ 5%	
143	1601 7871	Resistor - 68 Ω $\pm$ 5% 1/16W	
144	1601 7898	Resistor Array	
145	1604 4730	Capacitor - 47 μ F $\pm$ 20% 50V	
146	1604 4733	Capacitor - 100 μ F $\pm$ 20% 10V	
147	1604 4955	Capacitor - 10 μ F $\pm$ 20% 16V	
148	1604 5065	Capacitor 10uf: $\pm$ 20%:50v	
149	1605 0976	Capacitor - 1 μ F+80% -20% 10V	
150	1605 1148	Capacitor - 0.1 μ F+80-20% 50V	
151	1605 1163	Ceramic Capacitor - 560pF: $\pm$ 5%:50v	
152	1605 1190	Resistor - 0.022 μ F $\pm$ 10% 50V	
153	1605 1214	Capacitor - 1000pF $\pm$ 10% 50V	
154	1605 1221	Capacitor - 0.1 UF+80-20%16V	
155	1605 1303	Capacitor - 0.01 μ F+80-20% 50V	
156	1605 1353	Capacitor - 0.1 μ F $\pm$ 10% 25V	
157	1607 0810	Filter - BK2125HS121	
158	1607 1076	Filter - MMZ1608Y152B	
159	1607 1196	Inductor -220uh $\pm$ 20% 0.33a	
160	1607 1241	Filter - MMZ1608R102C	
161	1607 1489	Filter - MMZ1608B301C	
162	1610 1409	Chip Resistor - 6.8 Ω $\pm$ 5%	
163	1610 1732	Resistor:270 Ω : $\pm$ 5%:1w:6332	
164	1611 8472	Resistor - 4.7K Ω	
165	1634 0000	Resistor - 0 Ω 1/16W	
166	1650 4100	Resistor - 10 Ω $\pm$ 5% 1/10W	
167	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
168	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
169	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
170	1650 4122	Resistor - 1.2K Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1650 4153	Resistor - 15K Ω $\pm$ 5% 1/10W	
172	1650 4201	Resistor - 200 Ω $\pm$ 5%1/10W	
173	1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	
174	1650 4300	Resistor - 30 Ω $\pm$ 5%1/10W	
175	1650 4302	Resistor - 3K Ω $\pm$ 5%1/10W	
176	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10w	
177	1650 4431	Resistor - 430 Ω $\pm$ 5% 1/10W	
178	1650 4471	Resistor - 470 Ω $\pm$ 5%1/10W	
179	1650 4472	Resistor - 4.7K Ω $\pm$ 5% 1/10W	
180	1650 4473	Resistor - 47K Ω $\pm$ 5%1/10W	
181	1650 4563	Resistor - 56K Ω $\pm$ 5%1/10W	
182	1650 4622	Resistor:6.2k Ω : $\pm$ 5%:1/10w	
183	1650 4680	Resistor - 68 Ω $\pm$ 5%1/10W	
184	1650 4681	Resistor - 680 Ω $\pm$ 5% 1/10W	
185	1654 1002	Resistor - 10K Ω $\pm$ 5%1/10W	
186	1654 4301	Resistor - 4.3K Ω $\pm$ 1%1/10W	
187	1654 6801	Resistor - 6.8K Ω $\pm$ 1% 1/10W	
188	1660 0100	Capacitor - 10PF $\pm$ 0.5pF 50V	
189	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
190	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
191	1660 2221	Capacitor - 220pF +80-20% 50V	
192	1660 2330	Capacitor - 33pF - $\pm$ 5% - 50V	
193	1660 2391	Capacitor - 390pF $\pm$ 5% 50V	
194	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
195	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
196	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
197	1660 4222	Capacitor - 2200pF - $\pm$ 10% - 50V	
198	1660 4332	Capacitor - 3300pF - $\pm$ 10% - 50V	
199	1660 8104	Capacitor - 0.1 μ F+80-20% 25V	
200	1902 0056	RAM - 256k X870ns G14	

20.DECALS AND DOCUMENTS (G094/G095/G112/G113)

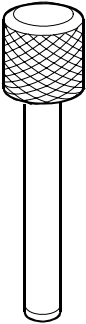
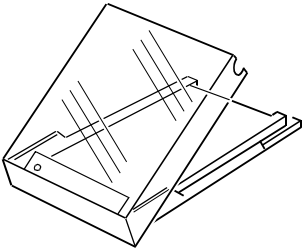
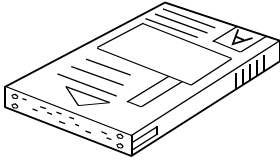
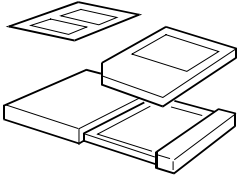
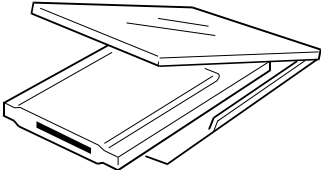
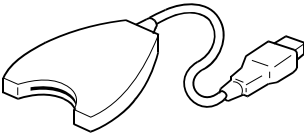
1 	2 	3 
4 		5 
6 		7 

20.DECALS AND DOCUMENTS (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA00 0301	Decal Warning (high Temperature)	1
2	G029 1982	LD - Decal	1
3	G052 3351	Decal - Registration	1
4	G052 4693	Decal - High Temperature	1
5	GA00 1038	DECAL:PS	1
5	G094 2374	Decal- ES+PS	1
6	G096 1551	Misfeed Removal Decal	1
7	G128 1151	Decal:Warning (high Temperature) (G112/G113)	1

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

21.SPECIAL TOOLS (G094/G095/G112/G113)

1 	2 	3 
4 	5 	6 

21.SPECIAL TOOLS (G094/G095/G112/G113)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A006 9104	Adjusting Scanner Pin (4pcs/set)	1
2	N803 1000	Case - Flash Memory Card (G094/G065)	1
3	N803 6701	Flash Memory Card - 4MB (G094/G065)	1
4	B645 5010	SD-Card:Ass'y (G112/G113)	1
5	B645 6700	SD-Card:Adapter:BN-SDAA2 (G112/G113)	1
6	B645 6800	SD-Card:USB:Writer:BN-SDCE2 (G112/G113)	1

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

Parts Index

PM Parts Index

Section Name	Part No.	Description in Service Manual	Description in Parts Catalog	Q'ty Per Assembly	Page and Index No.
PAPER TRAY (G094/G095/G112/G113)	G096 3066	Friction Pad	Friction Pad Adhesion	1	9 - 17
PAPER REGISTRATION 1 (G094/G095/G112/G113)	G052 3103	Paper Feed Roller	Paper Feed Roller	1	11 - 13
TRANSFER SECTION (G094/G095/G112/G113)	G096 3616	Transfer Roller	Transfer Roller Ass'y (G094/G095)	1	15 - 14
	G129 6257	Transfer Roller	Transfer Roller Ass'y (G112/G113)	1	15 - 14
FUSING UNIT 1 (G094/G095/G112/G113)	G052 4618	Bearing - Hot Roller	Bearing 30x42x7	2	17 - 6
	G129 4063	Hot Roller	Hot Roller	1	17 - 7
	G096 5501	Fusing Thermistor	Fusing Thermistor	1	17 - 10
	G052 4624	Hot Roller Stripper	Hot Roller Stripper	3	17 - 20
FUSING UNIT 2 (G094/G095/G112/G113)	G052 4665	Bushing - Pressure Roller	Bushing - Pressure Roller	2	19 - 4
	AE02 0126	Pressure Roller	Pressure Roller	1	19 - 9

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G094 2371	Model Name Plate:NST (G094)	3 - 12
G094 2372	Model Name Plate:REX (G094)	3 - 12
G094 2373	Model Name Plate:GES (G094)	3 - 12
G094 2374	Decal- ES+PS	3 - 28
G094 2374	Decal- ES+PS	79 - 5
G094 2375	Model Name Plate LAN (G094)	3 - 12
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G094 5702	PCB:Cassis-P1:Main:EXP (G094)	27 - 6
G095 2370	Model Name Plate EXP (G095)(RIC)	3 - 12
G095 2371	Model Name Plate NST (G095)	3 - 12
G095 2372	Model Name Plate REX (G095)	3 - 12
G095 2373	Model Name Plate GES (G095)	3 - 12
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G095 5702	PCB:Cassis-P1:Main:EXP:NIC	47 - *
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G095 8617	Operating Instructions - AP400/400N (NA)	5 - 1
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G112 5317	Controller Board - G112 Model	27 - 6
G112 5317	Controller Board - G112 Model	57 - *
G112 6651	Model Name Plate:Savin:NA:G112	3 - 12
G112 6652	Model Name Plate:GES:NA:G112	3 - 12
G112 6655	Model Name Plate:LAN:NA:G112	3 - 12
G112 7051	Model Name Plate:NST:G112-22	3 - 12
G112 7052	Model Name Plate:REX:G112-22	3 - 12
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G112 8604	O/I - Setup Guide : C-P2 (NA)(G112/G113)	5 - 1
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G113 0403	Model Name Plate:RIC:EXP (G113)	3 - 12
G113 5317	Controller Board - G113 Model	27 - 6
G113 5317	Controller Board - G113 Model	65 - *
G113 6652	Model Name Plate:GES:NA:G113	3 - 12
G113 6653	Model Name Plate:LAN:G113-24	3 - 12

Part No.	Description	Page and Index No.
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G113 6657	Model Name Plate:LAN:NA:G113	3 - 12
G113 7051	Model Name Plate:NST:G113-22	3 - 12
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G029 2609	Cassette Protection	9 - 18
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G029 4159	Screw - M3x13	11 - 31
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G052 1541	Spring - Receptacle	3 - 22
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