

Printer Control Unit (A852)

PARTS CATALOG

INTRODUCTION

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

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1.PRINTER CONTROL (A852)

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1	A811 5504	Harness Cover	1
2	A852 0700	Ferrite Core - HF70SH	1
3	A249 1464	Keytop Cover	1
4	A811 1465	Keytop (NA)	1
4	A811 1466	Keytop (EU)	1
5	A811 5150	Mother Board	1
6	A811 5501	Control Board Bracket	1
7	A811 5503	Control Board Cover	1
8	A811 5507	Flat Cable Core - EFC-25-S	1
9	AX64 0098	Fan Motor - DC5V 1.2W	1
10	A850 5862	Cover - IC Card	1
11	A850 5864	Cover - NIC	1
12	A850 5872	Bracket - Fan Motor	1
13	A852 5120	Printer Controller	1
14	A852 5502	Connector Bracket	1
15	A852 8620	Decal - FCC Type 650	1



Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3X6	
102	0451 4008B	Philips Tapping Screw - M4X8	
103	1105 0295	Metal Cable Clamp	
104	0451 3014B	Tapping Screw - M3-14	
105	0313 0050B	Philips Pan Head Screw - M3X5	

2.PRINTER CONTROL BOARD (A852)

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.
C 1	----	C 11	125	C 21	137	C 31	137	C 41	137	C 51	137	C 61	137
C 2	----	C 12	125	C 22	137	C 32	137	C 42	137	C 52	137	C 62	136
C 3	----	C 13	125	C 23	137	C 33	137	C 43	137	C 53	137	C 63	137
C 4	125	C 14	125	C 24	137	C 34	137	C 44	137	C 54	137	C 64	137
C 5	----	C 15	137	C 25	137	C 35	137	C 45	137	C 55	137	C 65	137
C 6	125	C 16	137	C 26	137	C 36	137	C 46	137	C 56	137	C 66	137
C 7	125	C 17	137	C 27	137	C 37	137	C 47	137	C 57	137	C 67	136
C 8	12	C 18	137	C 28	137	C 38	137	C 48	137	C 58	137	C 68	137
C 9	12	C 19	137	C 29	137	C 39	137	C 49	137	C 59	137	C 69	137
C 10	125	C 20	137	C 30	137	C 40	137	C 50	137	C 60	137	C 70	137

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C 71	137	C 81	137	C 91	137
C 72	137	C 82	137	C 92	137
C 73	137	C 83	137	C 93	137
C 74	137	C 84	137	C 94	137
C 75	137	C 85	137	C 95	137
C 76	137	C 86	137	C 96	137
C 77	137	C 87	136	C 97	137
C 78	137	C 88	137	C 98	136
C 79	136	C 89	137	C 99	136
C 80	137	C 90	137	C 100	137

CONNECTOR

SYMBOL NO.	INDEX NO.
CN1	107
CN2	105
CN3	13
CN4	102
CN5	----
CN6	----
CN7	----
CN8	----
CN9	----
CN10	106

SYMBOL NO.	INDEX NO.
CN11	----
CN12	106
CN13	106
CN14	14
CN15	104

DIODE

SYMBOL NO.	INDEX NO.
D1	9

FILTER

SYMBOL NO.	INDEX NO.
FIL1	126
FIL2	126
FIL3	126
FIL4	126
FIL5	126

2.PRINTER CONTROL BOARD (A852)

IC

SYMBOL NO.	INDEX NO.
IC 1	----
IC 2	120
IC 3	121
IC 4	121
IC 5	121
IC 6	121
IC 7	----
IC 8	114
IC 9	115
IC 10	118

SYMBOL NO.	INDEX NO.
IC 11	123
IC 12	4
IC 13	4
IC 14	4
IC 15	4
IC 16	4
IC 17	4
IC 18	4
IC 19	4
IC 20	4

SYMBOL NO.	INDEX NO.
IC 21	4
IC 22	4
IC 23	4
IC 24	4
IC 25	6
IC 26	3
IC 27	118
IC 28	5
IC 29	4
IC 30	4

SYMBOL NO.	INDEX NO.
IC 31	4
IC 32	4
IC 33	4
IC 34	4
IC 35	4
IC 36	4
IC 37	4
IC 38	4
IC 39	2
IC 40	115

SYMBOL NO.	INDEX NO.
IC 41	117
IC 42	1
IC 43	119
IC 44	----
IC 45	----
IC 46	----
IC 47	----
IC 48	4
IC 49	4
IC 50	4

SYMBOL NO.	INDEX NO.
IC 51	4
IC 52	122
(Socket)	108
IC 53	4
IC 54	116
IC 55	138
IC 56	138
IC 57	138
IC 58	138

JP

SYMBOL NO.	INDEX NO.
JP1	----
JP2	135
JP3	135
JP4	135
JP5	135
JP6	135
JP7	135
JP8	135
JP9	135
JP10	135

JP

SYMBOL NO.	INDEX NO.
JP11	135
JP12	----
JP13	135
JP14	135
JP15	135
JP16	135
JP17	135
JP18	135
JP19	135
JP20	135

SYMBOL NO.	INDEX NO.
JP21	135
JP22	135
JP23	135

LI

SYMBOL NO.	INDEX NO.
L1	10

LED

SYMBOL NO.	INDEX NO.
LED1	112
LED2	113
LED3	113
LED4	113
LED5	113

OSC

SYMBOL NO.	INDEX NO.
OSC1	124
OSC2	7

Q

SYMBOL NO.	INDEX NO.
Q1	8

RESISTOR

SYMBOL NO.	INDEX NO.
R1	11
R2	132
R3	129
R4	129
R5	129
R6	129
R7	129
R8	129
R9	129
R10	128

SYMBOL NO.	INDEX NO.
R11	129
R12	128
R13	129
R14	129
R15	129
R16	129
R17	129
R18	132
R19	132
R20	132

SYMBOL NO.	INDEX NO.
R 2 1	132
R 2 2	127
R 2 3	130
R 2 4	130
R 2 5	130
R 2 6	130
R 2 7	132
R 2 8	132
R 2 9	130
R 3 0	130

2.PRINTER CONTROL BOARD (A852)

RESISTOR

SYMBOL NO.	INDEX NO.
R31	129
R32	129
R33	129
R34	129
R35	129
R36	----
R37	129
R38	----
R39	129
R40	132

SYMBOL NO.	INDEX NO.
R41	----
R42	132
R43	----
R44	129
R45	130
R46	129
R47	129
R48	130
R49	132
R50	129

SYMBOL NO.	INDEX NO.
R51	129
R52	129
R53	129
R54	129
R55	129
R56	133
R57	133
R58	133
R59	133
R60	134

SYMBOL NO.	INDEX NO.
R61	129
R62	133
R63	133
R64	133
R65	133
R66	133
R67	133
R68	133
R69	133
R70	129

SYMBOL NO.	INDEX NO.
R71	129
R72	129
R73	134
R74	132
R75	129
R76	132
R77	132
R78	129
R79	129
R80	129

SYMBOL NO.	INDEX NO.
R81	129
R82	132
R83	127
R84	128
R85	130
R86	127
R87	128
R88	131
R89	129

SW

SYMBOL NO.	INDEX NO.
SW1	110
SW2	111

TB

SYMBOL NO.	INDEX NO.
TB1	103
(Socket)	109
TB2	103

TP

SYMBOL NO.	INDEX NO.
TP1	101
TP2	101
TP3	101
TP4	101
TP5	101
TP6	101
TP7	101
TP8	101

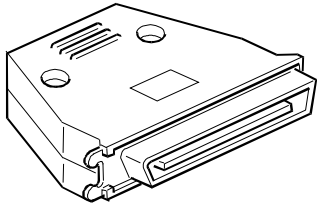
2.PRINTER CONTROL BOARD (A852)

Index No.	Part No.	Description	Q'ty Per Assembly
*	A852 5120	Printer Controller	1
1	A852 5200	IC - MPC603EFE133	1
2	A850 5202	IC - QP1800	1
3	A850 5203	IC - XC5202-6VQ64C	1
4	A850 5204	IC - IDT74FCT2245CTQ	1
5	A850 5206	IC - MAX707CSA	1
6	A850 5207	IC - MAX1626ESA	1
7	A850 5208	Oscillator - SG531P 14.7456MH	1
8	A850 5210	IC - MMSF3P02HD	1
9	A850 5211	Diode - MBRS340T3	1
10	A850 5212	Coil - CDRH125-220	1
11	A850 5215	Resistor - 0.04 Ω \pm 1.00% 1W	1
12	A850 5216	Capacitor - 10V 220MF	1
13	A850 5222	Connector - DHB-PK50-S13NN	1
14	H523 7105	Connector - 53871-6810	1
102	1102 5063	Connector - FCN685J036-I/YA	
103	1102 5944	Connector Pin - 3P	
104	1102 6295	Connector - 2P	

Index No.	Part No.	Description	Q'ty Per Assembly
105	1102 6653	Connector - 44P	
106	1102 7395	SIMM Socket - 89185-7214	
107	1102 7530	Triangle Header - 53319-0640	
108	1104 0377	IC Socket - 28p - DICF-28CS-E	
109	1104 0683	Socket - IMSA-9206H-GF	
110	1204 2286	Switch - SKHHLM	
111	1204 2368	Dip Switch - Dss804	
112	1403 0531	LED - PG1102W	
113	1403 0664	LED - BR1102W	
114	1407 1596	TTLIC - SN74LS14NS	
115	1407 2134	TTLIC - 74F32SJ	
116	1407 2463	TTL - IC - SN74ALS08NS	
117	1407 2588	TTLIC - SN74ALS04BNS	
118	1407 2816	TTL - SN74ALS374ANS	
119	1407 2833	TTLIC - SN74ALS273NS	
120	1407 3355	TTLIC - 74F125SJ	
121	1407 4685	IC - LH28F800SUT-70	
122	1407 4815	IC - M48Z58Y-70PC1	
123	1407 5016	IC - 74LVX161284MEA	
124	1503 0713	Oscillator - 66MHZ	
125	1604 4454	Capacitor - 22 μ F20V	
126	1607 0978	Inductor - Blm21p300spb	
127	1630 2100	Resistor - 10 Ω 1/8W \pm 5%	
128	1630 2102	Resistor - 1K Ω 1/8W \pm 5%	
129	1630 2103	Resistor - 10K Ω 1/8W	
130	1630 2220	Resistor - 22 Ω 1/8W \pm 5%	
131	1630 2222	Resistor - 2.2K Ω 1/8W	
132	1630 2271	Resistor - 270 Ω - 1/8W	
133	1630 2330	Resistor - 33 Ω 1/8W \pm 5%	
134	1630 2332	Resistor - 3.3K Ω 1/8W \pm 5%	
135	1632 0000	Resistor - 0 Ω 1/8W	
136	1660 5102	Capacitor - 1000pF \pm 10% 50V	
137	1660 7104	Capacitor - 100000pF 50V	
138	1903 1015	DRAM - 16M 1MX16 60NS EDO G8	

3.ACCESSORIES (A852)

1



3.ACCESSORIES (A852)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G021 9350	LoopBack Connector - Parallel	1

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

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A850 5206	IC - MAX707CSA	7- 5
A850 5207	IC - MAX1626ESA	7- 6
A850 5208	Oscillator - SG531P 14.7456MH	7- 7
A850 5210	IC - MMSF3P02HD	7- 8
A850 5211	Diode - MBRS340T3	7- 9
A850 5212	Coil - CDRH125-220	7- 10
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Part No.	Description	Page and Index No.
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0451 3014B	Tapping Screw - M3-14	3-104
0451 4008B	Philips Tapping Screw - M4X8	3-102
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1102 6295	Connector - 2P	7-104
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1104 0377	IC Socket - 28p - DICF-28CS-E	7-108
1104 0683	Socket - IMSA-9206H-GF	7-109
1105 0295	Metal Cable Clamp	3-103
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1204 2368	Dip Switch - Dss804	7-111
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1403 0664	LED - BR1102W	7-113
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1407 2134	TTLIC - 74F32SJ	7-115
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Part No.	Description	Page and Index No