

Printer Controller Type 1013 (B441)

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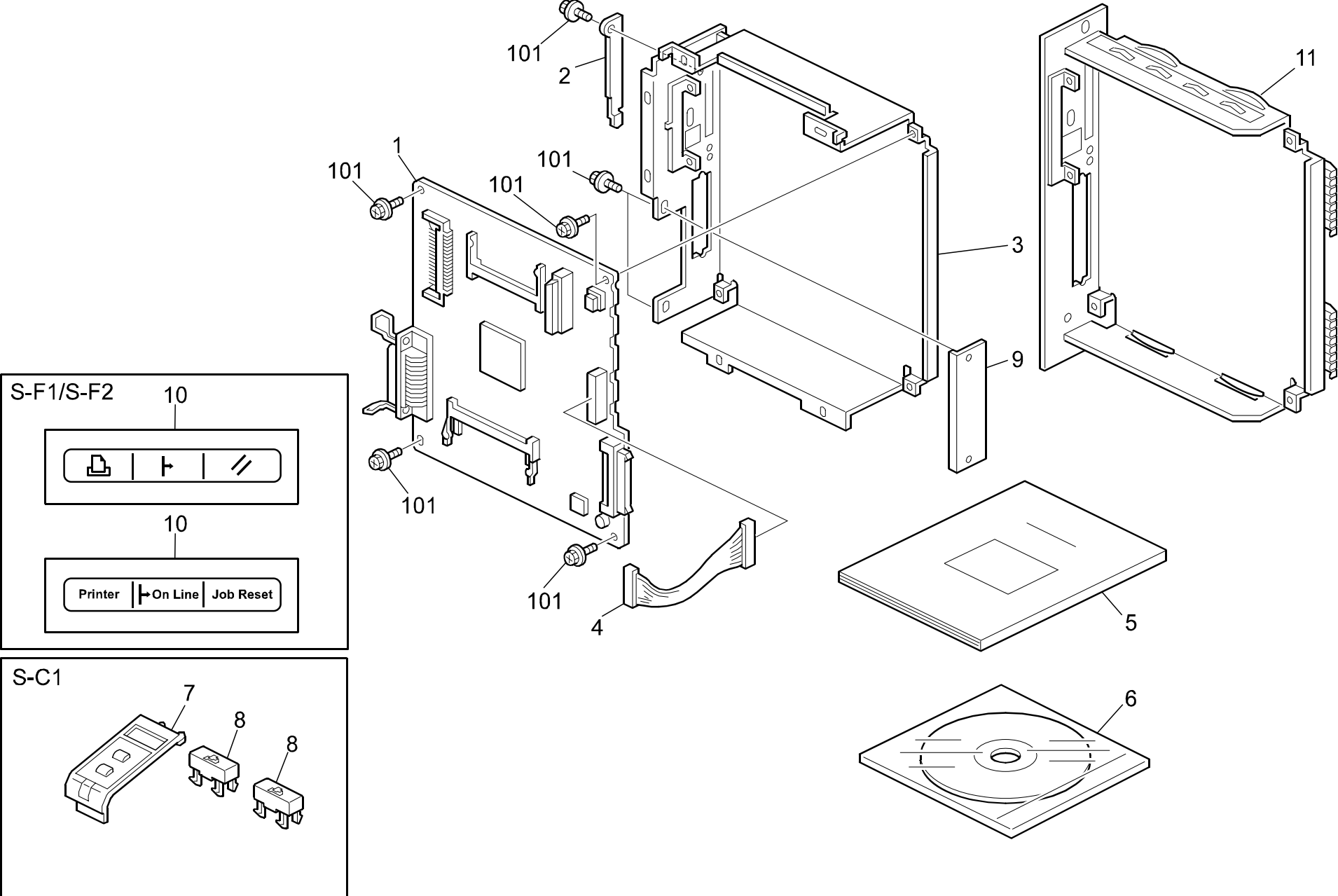
PARTS CATALOG

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

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December ,20 ' 2002

1. Printer Controller (B441)



1.Printer Controller (B441)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B441 5162	Controller Board (S-C/F1/F2) MB2 ADDED	1
1	B441 5175	MB2 DELETED	1
	B441 5170	Controller Board (S-C1/F) MB1 ADDED	1
2	B441 5813	Controller Board (S-C1) MB1 DELETED	1
3	B441 5800	IC Card Cover	1
4	B441 5800	Printer Bracket	1
4	B441 5200	CTL Video Harness	1
5	B441 8877	Operation Manual (S-C1/F1/F2) MB2 ADDED	1
	B441 8857	MB2 DELETED	1
		Operation Manual - REF-1 English	
		MB1 ADDED	
	B441 8607	Operation Manual MB1 DELETED	1
6	B405 8594	CD-ROM (NRG) MB1 DELETED	1
6	B441 8595	CD-ROM (INF) MB1 DELETED	1
6	B441 8596	CD-ROM (LAN) MB1 DELETED	1
7	B441 1411	Printer Key Cover (NA)	1
7	B441 1412	Printer Key Cover - EU	1
8	B404 1473	Copy Key (NA)	1
8	B404 1483	Copy Key (EU)	1
8	B405 1453	Printer Key (NA)	1
8	B405 1463	Printer Key (EU)	1
9	B441 5814	NCU Cover	1
10	B441 1456	Printer Decal (S-C1/F1/F2 NA/ASIA)	1
		MB2 ADDED	
		Printer Decal (S-F1 NA/ASIA) MB1 ADDED	
10	B441 1457	Printer Decal (S-C1/F1/F2 EU)	1
		MB2 ADDED	
		Printer Decal (S-F1 EU) MB1 ADDED	
11	B441 5801	Printer Bracket (S-F2)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006H	Tapping Screw - 3x6	

2.Printer Control Board (B441)

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	165	C11	137	C21	165	C31	163	C41	162	C51	163	C61	163
C2	165	C12	163	C22	164	C32	165	C42	162	C52	165	C62	164
C3	165	C13	165	C23	163	C33	163	C43	162	C53	165	C63	158
C4	165	C14	162	C24	165	C34	165	C44	160	C54	163	C64	165
C5	165	C15	162	C25	164	C35	163	C45	160	C55	163	C65	---
C6	165	C16	162	C26	163	C36	165	C46	160	C56	165	C66	160
C7	138	C17	162	C27	165	C37	---	C47	160	C57	165	C67	---
C8	165	C18	164	C28	164	C38	---	C48	165	C58	163	C68	165
C9	140	C19	163	C29	164	C39	163	C49	165	C59	139	C69	165
C10	137	C20	164	C30	165	C40	162	C50	164	C60	164	C70	165

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.
C71	158	----	---	C91	165	C101	165	C111	165	C121	165	C131	165
C72	158	C82	165	C92	164	C102	---	C112	163	C122	165	C132	165
C73	138	C83	165	C93	164	C103	165	C113	138	C123	165	C133	165
C74	158	C84	---	C94	164	C104	165	C114	---	C124	165	C134	165
C75	164	C85	138	C95	158	C105	165	C115	165	C125	165	C135	165
C76	159	C86	165	C96	165	C106	165	C116	165	C126	165	C136	165
C77	161	C87	165	C97	165	C107	138	C117	165	C127	165	C137	165
C78	159	C88	164	C98	---	C108	165	C118	165	C128	165	C138	159
C79	---	C89	164	C99	---	C109	165	C119	165	C129	165	C139	165
----	---	C90	164	C100	---	C110	163	C120	165	C130	165	C140	163

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CAPACITOR

SYMBOL NO.	INDEX NO.
C141	163
C142	159

CA

SYMBOL NO.	INDEX NO.
CA1	141
CA2	141

CONNECTOR

SYMBOL NO.	INDEX NO.
CN501	102
CN502	103
CN505	104
CN506	105
CN507	101
CN511	106

DIODE

SYMBOL NO.	INDEX NO.
D1	110

FILTER

SYMBOL NO.	INDEX NO.
FIL1	144
FIL2	144
FIL3	144
FIL4	145
FIL5	145
FIL6	145
FIL7	142
FIL8	143
FIL9	143
FIL10	145

SYMBOL NO.	INDEX NO.
FIL11	145
FIL12	143
FIL13	145
FIL14	143
FIL15	145
FIL16	143
FIL17	145
FIL18	144
FIL19	145
FIL20	145

SYMBOL NO.	INDEX NO.
FIL21	145
FIL22	143
---	---
FIL24	143
FIL25	145
FIL26	145
FIL27	143
FIL28	142
FIL29	---
FIL30	142

SYMBOL NO.	INDEX NO.
FIL31	143
FIL32	143
FIL33	143
FIL34	144
FIL35	143
FIL36	143
FIL37	143
FIL38	143
FIL39	145
FIL40	145

FILTER

SYMBOL NO.	INDEX NO.
FIL41	145
FIL42	143
FIL43	144

FUSE

SYMBOL NO.	INDEX NO.
FU1	108

IC

SYMBOL NO.	INDEX NO.
IC1	167
IC2	167
IC3	---
IC4	166
IC5	116
IC6	113
IC7	113
IC8	123
IC9	127
IC10	122

SYMBOL NO.	INDEX NO.
IC11	119
IC12	115
IC13	1
IC14	112
IC15	118
IC16	121
IC17	120
IC18	126
IC19	114
IC20	113

SYMBOL NO.	INDEX NO.
IC21	124
(Socket)	107
IC22	125
IC23	115
IC24	118
IC25	117

JP

SYMBOL NO.	INDEX NO.
JP1	146
JP2	146
JP3	146
JP7	146
JP8	146
JP11	146

LED

SYMBOL NO.	INDEX NO.
LED1	111
LED2	111

OSC

SYMBOL NO.	INDEX NO.
OSC1	129
OSC2	130

RESISTOR

SYMBOL NO.	INDEX NO.
R1	157
R2	156
R3	148
---	---
R5	149
R6	148
R7	147
R8	147
R9	147
R10	147

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RESISTOR

SYMBOL NO.	INDEX NO.
R11	---
R12	---
R13	149
R14	151
R15	152
R16	151
R17	---
R18	151
R19	151
R20	147

SYMBOL NO.	INDEX NO.
R21	147
R22	154
R23	151
R24	151
R25	148
R26	---
R27	149
R28	151
R29	151
R30	153

SYMBOL NO.	INDEX NO.
R31	150
R32	155
R33	151
R34	151
R35	148
R36	148
R37	149
R38	151
R39	151
----	---

SYMBOL NO.	INDEX NO.
R41	153
R42	151
R43	153
R44	155
R45	154
R46	151
R47	153
----	---
R49	151
R50	151

SYMBOL NO.	INDEX NO.
R51	151
R52	148
R53	154
R54	148
R55	148
R56	148
R57	152
R58	151
R59	152
R60	152

SYMBOL NO.	INDEX NO.
R61	151
R62	151
R63	151
R64	151
R65	152
R66	151
R67	152
R68	---
R69	153
R70	152

SYMBOL NO.	INDEX NO.
R71	152

REG

SYMBOL NO.	INDEX NO.
REG1	128

RN

SYMBOL NO.	INDEX NO.
RN1	134
RN2	134
RN3	134
RN4	134
RN5	135
RN6	134
RN7	134
RN8	134
RN9	134
RN10	135

SYMBOL NO.	INDEX NO.
RN11	136
RN12	134
RN13	134
RN14	132
RN15	132
RN16	133
RN17	134
RN18	134
RN19	134
RN20	134

SYMBOL NO.	INDEX NO.
RN21	133
RN22	136
RN23	136
RN24	131
RN25	136
RN26	136
RN27	136
RN28	134
RN29	134
RN30	134

SYMBOL NO.	INDEX NO.
RN31	131
RN32	134
RN33	133
RN34	---
RN35	134
RN36	134
RN37	134
RN38	134
RN39	134
RN40	134

SYMBOL NO.	INDEX NO.
RN41	134
RN42	134
RN43	136
RN44	136
RN45	136
RN46	133
RN47	133

SWITCH

SYMBOL NO.	INDEX NO.
SW2	109

2.Printer Control Board (B441)

Index No.	Part No.	Description	Q'ty Per Assembly
*	B441 5170	Controller Board (S-C1)	1
*	B441 5175	Controller Board (S-F1) MB1 ADDED	1
*	B441 5162	Controller Board (S-F2)	1
1	B405 5300	IC - M4A3-32/32-10VC48	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4212	CT Header - 15P	
102	1102 7785	Connector - 57RE40360830BD29B	
103	1102 8189	Dimm Connector - 54534-1440	
104	1102 8566	Connector SX1B-72S-0.635SH	
105	1102 8632	Connector DHB-RD60-S131N-4.9	
106	1102 8685	Connector - IC CARD	
107	1104 0511	IC Socket - 8P - DICF-8CS-E	
108	1107 0555	Fuse - 4A	
109	1204 2507	Switch SSSS810700	
110	1401 0821	Diode - 1SS133	
111	1403 0987	LED SML-211UT	
112	1407 5065	CMOS TC7WU04FU	
113	1407 5274	CMOS Logic - 74LVCH162244A TSSOP	
114	1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	
115	1407 5320	CMOS Logic 74LVC374A TSSOP	
116	1407 5322	IC - CMOS LOGIC SN74LVC161284DGG	
117	1407 5346	IC - SN74LS74ANS	
118	1407 5350	IC - SN74LV00APW	
119	1407 5353	IC - SN74LV244APW	
120	1407 5364	IC - SN74AHCT244PW	
121	1407 5366	IC - 74LVC08A TSSOP	
122	1407 5399	IC - D8401A	
123	1407 5400	Clock Generator MK1714-01R	
124	1407 5401	RAM FM24C64-P	
125	1407 5483	IC - SN74AHC1G125DCK	
126	1408 1271	IC - RN5VD43C	
127	1408 1388	Detector RN5VD28C	
128	1408 1507	Regulator - PQ05VY3H3Z	
129	1503 1000	Crystal Oscillator 18.75Mhz	
130	1503 1011	Crystal Oscillator 3.68Mhz	
131	1601 7877	Resistor Array 4.7k Ω $\pm$ 5% 1/32W	
132	1601 7886	Resistor Array 3.3k Ω $\pm$ 5% 1/32W	
133	1601 7887	Resistor Array - 10K Ω $\pm$ 5% 1/32W	
134	1601 7898	Resistor Array	
135	1601 7913	Resistor 22 Ω $\pm$ 5% 1/32W	

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

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Parts Index

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B441 5170	Controller Board (S-C1) MB1 DELETED	3 - 1
B441 5170	Controller Board (S-C1)	7 - *
B441 5175	MB2 DELETED	3 - 1
B441 5175	Controller Board (S-F1) MB1 ADDED	7 - *
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Part No.	Description	Page and Index No.
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1102 7785	Connector - 57RE40360830BD29B	7 - 102
1102 8189	Dimm Connector - 54534-1440	7 - 103
1102 8566	Connector SX1B-72S-0.635SH	7 - 104
1102 8632	Connector DHB-RD60-S131N-4.9	7 - 105
1102 8685	Connector - IC CARD	7 - 106
1104 0511	IC Socket - 8P - DICF-8CS-E	7 - 107
1107 0555	Fuse - 4A	7 - 108
1204 2507	Switch SSSS810700	7 - 109
1401 0821	Diode - 1SS133	7 - 110
1403 0987	LED SML-211UT	7 - 111
1407 5065	CMOS TC7WU04FU	7 - 112
1407 5274	CMOS Logic - 74LVCH162244A TSSOP	7 - 113
1407 5275	CMOS Logic - 74LVCHR16245A TSSOP	7 - 114
1407 5320	CMOS Logic 74LVC374A TSSOP	7 - 115
1407 5322	IC - CMOS LOGIC SN74LVC161284DGG	7 - 116
1407 5346	IC - SN74LS74ANS	7 - 117
1407 5350	IC - SN74LV00APW	7 - 118
1407 5353	IC - SN74LV244APW	7 - 119
1407 5364	IC - SN74AHCT244PW	7 - 120
1407 5366	IC - 74LVC08A TSSOP	7 - 121
1407 5399	IC - D8401A	7 - 122
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1408 1271	IC - RN5VD43C	7 - 126
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1408 1507	Regulator - PQ05VY3H3Z	7 - 128
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1503 1011	Crystal Oscillator 3.68Mhz	7 - 130
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