

G126 POINT TO POINT DIAGRAM 1/3

SYMBOL TABLE

- AC Line
- DC Line
- - - Pulse Signal
- Signal Direction
- ▲ Active High
- ▼ Active Low
- [] Voltage

IC Card Connector (CN208)

Pin	Signal	Pin	Signal
1	GND	21	AB (8)
2	DB (3)	22	AB (9)
3	DB (4)	23	AB (10)
4	DB (5)	24	AB (11)
5	DB (6)	25	AB (12)
6	DB (7)	26	AB (13)
7	DB (8)	27	AB (14)
8	DB (9)	28	AB (15)
9	DB (10)	29	AB (16)
10	AB (11)	30	DB (2)
11	AB (8)	31	GND
12	AB (9)	32	GND
13	AB (10)	33	AGD
14	AB (11)	34	DB (11)
15	AB (12)	35	DB (12)
16	AB (13)	36	DB (13)
17	AB (14)	37	DB (14)
18	AB (15)	38	DB (15)
19	AB (16)	39	GND
20	AB (17)	40	AB (17)

Lower Relay Motor Current

Pin	Signal	Pin	Signal
1	GND	21	AB (8)
2	DB (3)	22	AB (9)
3	DB (4)	23	AB (10)
4	DB (5)	24	AB (11)
5	DB (6)	25	AB (12)
6	DB (7)	26	AB (13)
7	DB (8)	27	AB (14)
8	DB (9)	28	AB (15)
9	DB (10)	29	AB (16)
10	AB (11)	30	DB (2)
11	AB (8)	31	GND
12	AB (9)	32	GND
13	AB (10)	33	AGD
14	AB (11)	34	DB (11)
15	AB (12)	35	DB (12)
16	AB (13)	36	DB (13)
17	AB (14)	37	DB (14)
18	AB (15)	38	DB (15)
19	AB (16)	39	GND
20	AB (17)	40	AB (17)

Drive Board (DRB) PCB10

BCU PCB11

IC Card Connector (CN208)

Lower Relay Motor Current

Registration Motor

Lower Relay Motor

Charge P.P.

Exhaust Fan

Charge P.P. Cooling Fan

Development Unit Cooling Fan

Development Unit Cooling Fan 2

Drum Cooling Fan

Charge P.P.

Web Motor

Exit Unit Entrance Sensor

Paper Exit Sensor

Charge Corona Wire Cleaner

Image Density Sensor

PCU Cooling Fan

Quenching Lamp

Drum Potential Sensor

Reverse Trigger Roller Sol.

Duplex Junction Gate Sol.

Duplex Transport Clutch

Duplex Entrance Sensor

Duplex Inverter Sensor

Duplex Transport Sensor 1

Duplex Transport Sensor 2

Duplex Transport Sensor 3

Jogger Motor

Toner Collection Coil Sensor

Development P.P.

Transfer Belt Lift Sol.

Transfer P.P.

Mechanical Counter

Toner End Sensor

Toner Density Sensor

Thermal / Humidity Sensor

Registration Sensor

Bypass Paper End Sensor

Relay Sensor

By-pass Feed Clutch

By-pass Pick-up Solenoid

Toner Supply Motor

Duplex Cooling Fan Motor

Bypass Paper Size

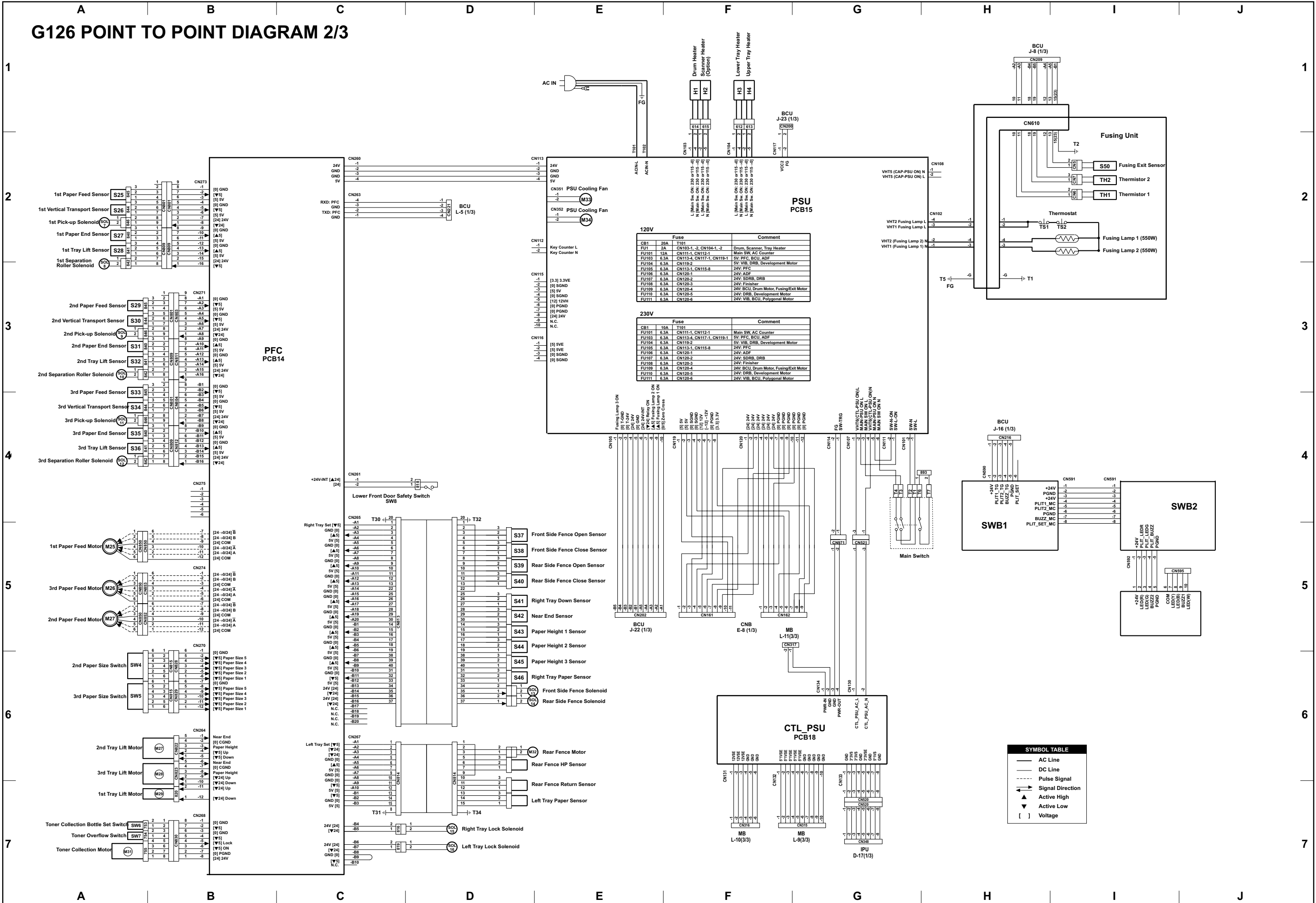
Guide Plate Solenoid

Guide Plate Position Sensor

Copy Tray Full (Option)

BCU (CN207)	IPU (CN347)		
1	CN201-36	EXAB (0)	
2	CN201-2	CN204-35	EXAB (2)
3	CN201-2	CN204-34	EXAB (4)
4	CN201-2	CN204-33	EXAB (6)
5	CN201-2	CN204-32	EXAB (8)
6	CN201-6	CN214-31	EXAB (10)
7	CN201-6	CN214-30	EXAB (12)
8	CN201-6	CN214-29	END
9	CN201-9	CN214-28	XB7-COND
10	CN201-9	CN214-27	XB7-COND
11	CN201-9	CN214-26	BCU STATE
12	CN201-13	CN214-25	XB7-COND
13	CN201-13	CN214-24	END
14	CN201-13	CN214-23	XB7-COND
15	CN201-19	CN214-22	EXOP (3)
16	CN201-19	CN214-21	EXOP (5)
17	CN201-19	CN214-20	EXOP (7)
18	CN201-19	CN214-19	EXOP (9)
19	CN201-19	CN214-18	END
20	CN201-20	CN214-17	END
21	CN201-21	CN214-16	EXOP (6)
22	CN201-21	CN214-15	EXOP (8)
23	CN201-21	CN214-14	EXOP (2)
24	CN201-21	CN214-13	EXOP (4)
25	CN201-25	CN214-12	END
26	CN201-25	CN214-11	XB7-IPU
27	CN201-27	CN214-10	XB7-IPU
28	CN201-27	CN214-9	XB7-IPU
29	CN201-29	CN214-8	PWR-CTL0
30	CN201-30	CN214-7	END
31	CN201-30	CN214-6	EXAB (11)
32	CN201-32	CN214-5	EXAB (9)
33	CN201-32	CN214-4	EXAB (7)
34	CN201-34	CN214-3	EXAB (5)
35	CN201-34	CN214-2	EXAB (3)
36	CN201-36	CN214-1	EXAB (1)

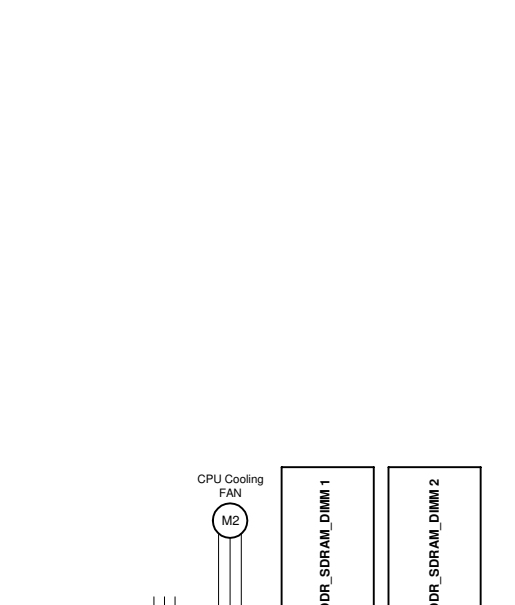
G126 POINT TO POINT DIAGRAM 2/3



G126 POINT TO POINT DIAGRAM 3/3

CN101			
Pin#	Signal Name	Pin#	Signal Name
1	VREF	101	MAB SR(9)
2	VREF	102	MAB SR(8)
3	GND	103	GND
4	GND	104	GND
5	MDT(9)	105	MAB SR(7)
6	MDT(8)	106	MAB SR(6)
7	MDT(7)	107	MAB SR(5)
8	MDT(6)	108	MAB SR(4)
9	VCC2.5	109	MAB SR(3)
10	VCC2.5	110	MAB SR(2)
11	DQS SR(0)	111	MAB SR(1)
12	DM SR(0)	112	MAB SR(0)
13	MDT(5)	113	VCC2.5
14	MDT(4)	114	VCC2.5
15	GND	115	MAB SR(10)
16	GND	116	MAB SR(14)
17	MDT(3)	117	MAB SR(13)
18	MDT(2)	118	RASB SR
19	MDT(1)	119	WEA SR
20	MDT(0)	120	CASB SR
21	VCC2.5	121	CS SR(0)
22	VCC2.5	122	CS SR(1)
23	MDT(10)	123	NC
24	VCC2.5	124	NC
25	DQS SR(1)	125	GND
26	DM SR(1)	126	GND
27	GND	127	MDT(36)
28	GND	128	MDT(35)
29	MDT(10)	129	VCC2.5
30	MDT(9)	130	VCC2.5
31	MDT(11)	131	VCC2.5
32	MDT(15)	132	VCC2.5
33	VCC2.5	133	DQS SR(7)
34	VCC2.5	134	DM SR(4)
35	CLKOUT(1)	135	MDT(34)
36	GND	136	MDT(33)
37	CLKOUT(1)	137	GND
38	GND	138	MDT(32)
39	GND	139	MDT(31)
40	GND	140	MDT(30)
41	MDT(16)	141	MDT(40)
42	MDT(20)	142	VCC2.5
43	MDT(17)	143	VCC2.5
44	MDT(21)	144	VCC2.5
45	VCC2.5	145	CKE SR
46	VCC2.5	146	CKE SR
47	DQS SR(2)	147	DQS SR(5)
48	DM SR(2)	148	DM SR(3)
49	MDT(18)	149	GND
50	MDT(22)	150	GND

CN102			
Pin#	Signal Name	Pin#	Signal Name
1	VREF	101	MAB SR(9)
2	VREF	102	MAB SR(8)
3	GND	103	GND
4	GND	104	GND
5	MDT(9)	105	MAB SR(7)
6	MDT(8)	106	MAB SR(6)
7	MDT(7)	107	MAB SR(5)
8	MDT(6)	108	MAB SR(4)
9	VCC2.5	109	MAB SR(3)
10	VCC2.5	110	MAB SR(2)
11	DQS SR(0)	111	MAB SR(1)
12	DM SR(0)	112	MAB SR(0)
13	MDT(5)	113	VCC2.5
14	MDT(4)	114	VCC2.5
15	GND	115	MAB SR(10)
16	GND	116	MAB SR(14)
17	MDT(3)	117	MAB SR(13)
18	MDT(2)	118	RASB SR
19	MDT(1)	119	WEA SR
20	MDT(0)	120	CASB SR
21	VCC2.5	121	CS SR(0)
22	VCC2.5	122	CS SR(1)
23	MDT(10)	123	NC
24	VCC2.5	124	NC
25	DQS SR(1)	125	GND
26	DM SR(1)	126	GND
27	GND	127	MDT(32)
28	GND	128	MDT(31)
29	MDT(10)	129	VCC2.5
30	MDT(9)	130	VCC2.5
31	MDT(11)	131	VCC2.5
32	MDT(15)	132	VCC2.5
33	VCC2.5	133	DQS SR(7)
34	VCC2.5	134	DM SR(4)
35	CLKOUT(1)	135	MDT(34)
36	GND	136	MDT(33)
37	CLKOUT(1)	137	GND
38	GND	138	MDT(32)
39	GND	139	MDT(31)
40	GND	140	MDT(30)
41	MDT(16)	141	MDT(40)
42	MDT(20)	142	VCC2.5
43	MDT(17)	143	VCC2.5
44	MDT(21)	144	VCC2.5
45	VCC2.5	145	CKE SR
46	VCC2.5	146	CKE SR
47	DQS SR(2)	147	DQS SR(5)
48	DM SR(2)	148	DM SR(3)
49	MDT(18)	149	GND
50	MDT(22)	150	GND



Controller (CN114) - MB (CN312)			
Pin#	Signal Name	Pin#	Signal Name
1	GND	81	AGP AD(27)
2	SDO DTOUT1	82	AGP AD(28)
3	SDO DTOUT2	83	AGP AD(29)
4	SDO DTOUT3	84	AGP AD(30)
5	GND	85	AGP AD(31)
6	GND	86	AGP AD(32)
7	SDCLK	87	AGP AD(33)
8	SDO CMOOUT	88	AGP AD(34)
9	GND	89	AGP AD(35)
10	SDO CMOIN	90	AGP AD(36)
11	SDO WP	91	AGP AD(37)
12	SDO DTDIR	92	AGP AD(38)
13	SDO DTIN3	93	AGP AD(39)
14	SDO DTIN3	94	AGP AD(40)
15	BSCLK	95	AGP AD(41)
16	SDO CMOOUT	96	AGP AD(42)
17	GND	97	AGP AD(43)
18	BSDATA	98	AGP AD(44)
19	SDO DTNR	99	AGP AD(45)
20	POWERGOOD	100	AGP AD(46)
21	SDO DTNR	101	AGP AD(47)
22	OPMRCLK	102	AGP AD(48)
23	OPMRCLK	103	AGP AD(49)
24	GND	104	AGP AD(50)
25	GND	105	AGP AD(51)
26	OPMRCLK	106	AGP AD(52)
27	OPMRCLK	107	AGP AD(53)
28	OPMRCLK	108	AGP AD(54)
29	SDO DTNR	109	AGP AD(55)
30	OPMRCLK	110	AGP AD(56)
31	PEACE TXD	111	AGP AD(57)
32	PEACE RXD	112	AGP AD(58)
33	GND	113	AGP AD(59)
34	GND	114	AGP AD(60)
35	CSS RXD	115	AGP AD(61)
36	CSS TXD	116	AGP AD(62)
37	GND	117	AGP AD(63)
38	CSS TXS	118	AGP AD(64)
39	CSS TXD	119	AGP AD(65)
40	CSS RTS	120	AGP AD(66)

MB (CN313) - MB (CN346)			
Pin#	Signal Name	Pin#	Signal Name
1	GND	41	XPWRCLK1
2	XPWRCLK1	42	XPWRCLK1
3	CLK1	43	GND
4	GND	44	GND
5	GND	45	GND
6	GND	46	GND
7	GND	47	XINT1
8	GND	48	GND
9	GND	49	GND
10	XREQ1	50	XGNT1
11	AD(0)	51	AD(0)
12	AD(1)	52	AD(1)
13	AD(2)	53	AD(2)
14	AD(3)	54	AD(3)
15	C BE(3)	55	GND
16	AD(4)	56	AD(4)
17	AD(5)	57	AD(5)
18	AD(6)	58	AD(6)
19	AD(7)	59	AD(7)
20	AD(8)	60	AD(8)
21	XST1	61	GND
22	XFRAME	62	XRDY
23	XTRDY	63	XDEVSEL
24	XSTOP	64	XERR
25	XERR	65	PAR
26	AD(9)	66	AD(9)
27	AD(10)	67	AD(10)
28	AD(11)	68	AD(11)
29	AD(12)	69	AD(12)
30	AD(13)	70	AD(13)
31	C BE(0)	71	GND
32	AD(14)	72	AD(14)
33	AD(15)	73	AD(15)
34	AD(16)	74	AD(16)
35	AD(17)	75	AD(17)
36	AD(18)	76	AD(18)
37	AD(19)	77	AD(19)
38	AD(20)	78	AD(20)
39	GND	79	GND
40	C BE(2)	80	GND

CN103			
Pin#	Signal Name	Pin#	Signal Name
1	INTC	2	INTC
3	GND	4	GND
5	GND	6	GND
7	GND	8	GND
9	GND	10	GND
11	GND	12	GND
13	GND	14	GND
15	GND	16	GND
17	GND	18	GND
19	GND	20	GND
21	GND	22	GND
23	GND	24	GND
25	GND	26	GND
27	GND	28	GND
29	GND	30	GND
31	GND	32	GND
33	GND	34	GND
35	GND	36	GND
37	GND	38	GND
39	GND	40	GND
41	GND	42	GND
43	GND	44	GND
45	GND	46	GND
47	GND	48	GND
49	GND	50	GND
51	GND	52	GND
53	GND	54	GND
55	GND	56	GND
57	GND	58	GND
59	GND	60	GND
61	GND	62	GND
63	GND	64	GND
65	GND	66	GND
67	GND	68	GND
69	GND	70	GND
71	GND	72	GND
73	GND	74	GND
75	GND	76	GND
77	GND	78	GND
79	GND	80	GND
81	GND	82	GND
83	GND	84	GND
85	GND	86	GND
87	GND	88	GND
89	GND	90	GND
91	GND	92	GND
93	GND	94	GND
95	GND	96	GND
97	GND	98	GND
99	GND	100	GND

CN111			
Pin#	Signal Name	Pin#	Signal Name
1	VCC KIOORE	32	GND
2	VCC KIOORE	33	GND
3	VCC KIOORE	34	GND
4	VCC KIOORE	35	COREFB
5	VCC KIOORE	36	GND
6	VCC KIOORE	37	GND
7	VCC KIOORE	38	COREFB
8	VCC KIOORE	39	VIO(0)
9	VCC KIOORE	40	GND
10	VCC KIOORE	41	GND
11	VCC KIOORE	42	VIO(1)
12	VCC KIOORE	43	VIO(2)
13	VCC KIOORE	44	GND
14	VCC KIOORE	45	GND
15	VCC KIOORE	46	GND
16	VCC KIOORE	47	VIO(4)
17	VCC KIOORE	48	GND
18	VCC KIOORE	49	GND
19	VCC KIOORE	50	THERM
20	VCC KIOORE	51	GND
21	VCC KIOORE	52	GND
22	VCC KIOORE	53	GND
23	VCC KIOORE	54	GND
24	VCC KIOORE	55	VCC12
25	VCC KIOORE	56	VCC12
26	VCC KIOORE	57	VCC12
27	VCC KIOORE	58	VCC12
28	VCC KIOORE	59	VCC12
29	VCC KIOORE	60	VCC12

CN108			
Pin#	Signal Name	Pin#	Signal Name
1	SD DTS(1)	1	SD DTS(1)
2	SD CMD(1)	2	SD CMD(1)
3	GND	3	GND
4	3VDUAL	4	3VDUAL
5	SDCLK1	5	SDCLK1
6	GND	6	GND
7	SD DTS(2)	7	SD DTS(2)
8	SD DTS(3)	8	SD DTS(3)
9	SD DTS(4)	9	SD DTS(4)
10	SD DTS(5)	10	SD DTS(5)
11	GND	11	GND
12	SD WP(1)	12	SD WP(1)

CN107			
Pin#	Signal Name	Pin#	Signal Name
1	SD DTS(1)	1	SD DTS(1)
2	SD CMD(1)	2	SD CMD(1)
3	GND	3	GND
4	3VDUAL	4	3VDUAL
5	SDCLK1	5	SDCLK1
6	GND	6	GND
7	SD DTS(2)	7	SD DTS(2)
8	SD DTS(3)	8	SD DTS(3)
9	SD DTS(4)	9	SD DTS(4)
10	SD DTS(5)	10	SD DTS(5)
11	GND	11	GND
12	SD WP(1)	12	SD WP(1)

CN109			
Pin#	Signal Name	Pin#	Signal Name
1	SD DTS(1)	1	SD DTS(1)
2	SD CMD(1)	2	SD CMD(1)
3	GND	3	GND
4	3VDUAL	4	3VDUAL
5	SDCLK1	5	SDCLK1
6	GND	6	GND
7	SD DTS(2)	7	SD DTS(2)
8	SD DTS(3)	8	SD DTS(3)
9	SD DTS(4)	9	SD DTS(4)
10	SD DTS(5)	10	SD DTS(5)
11	GND	11	GND
12	SD WP(1)	12	SD WP(1)

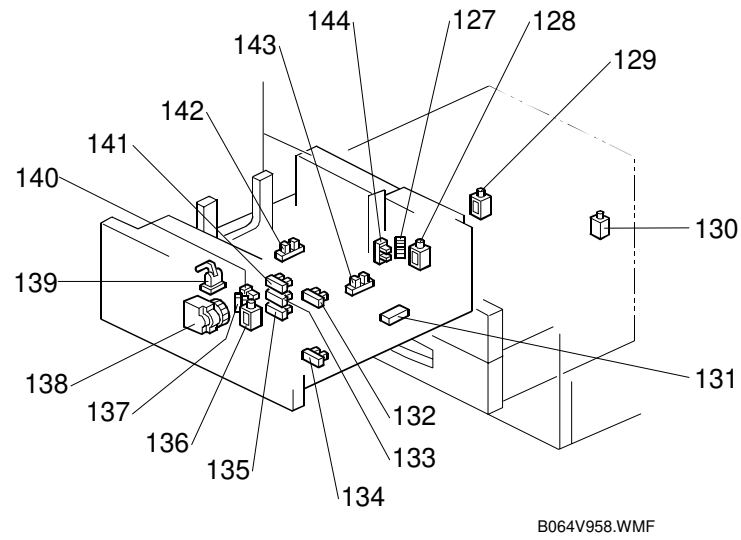
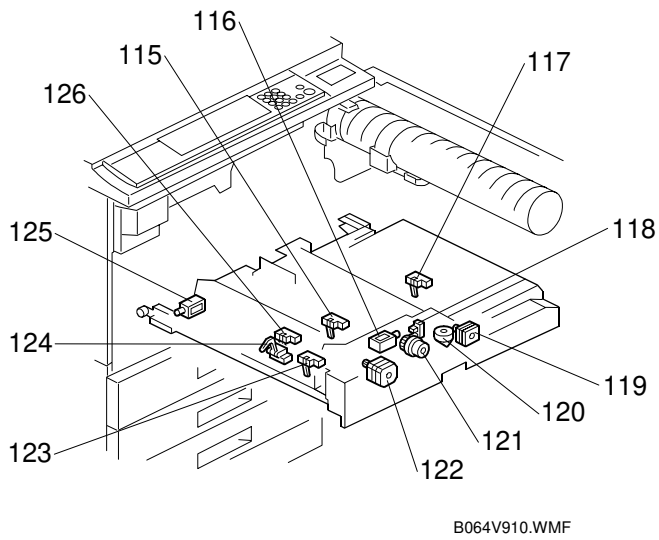
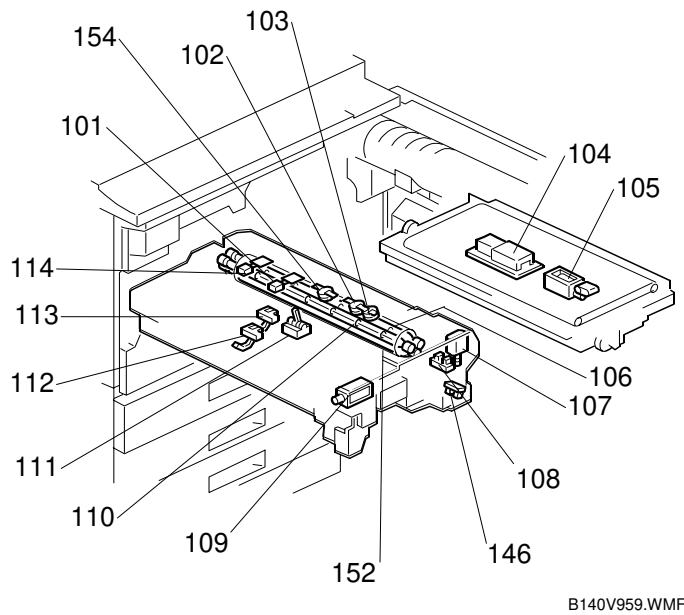
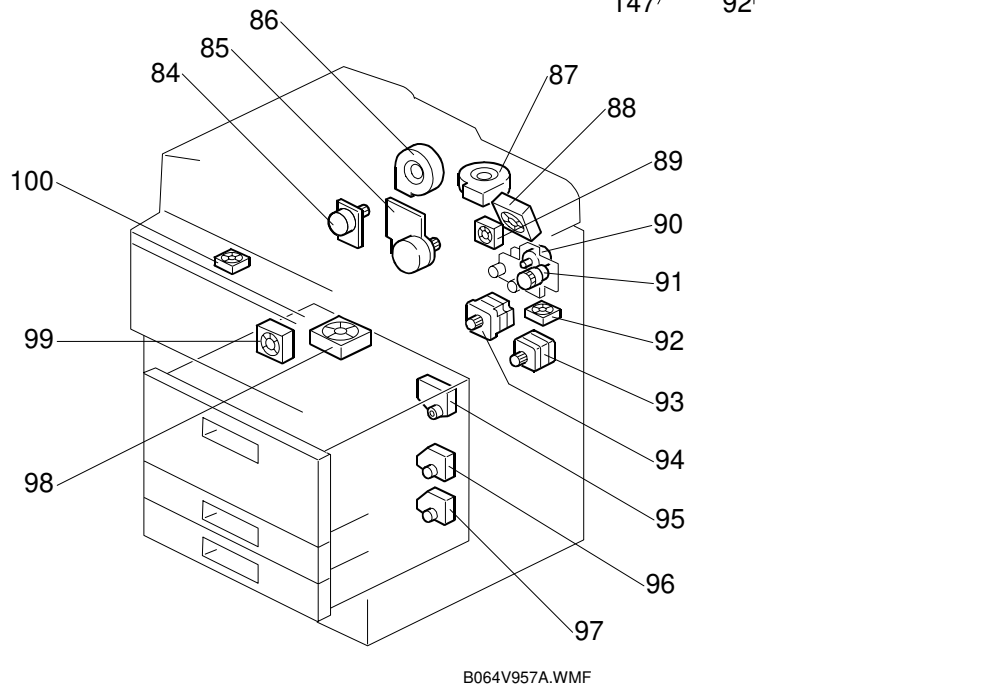
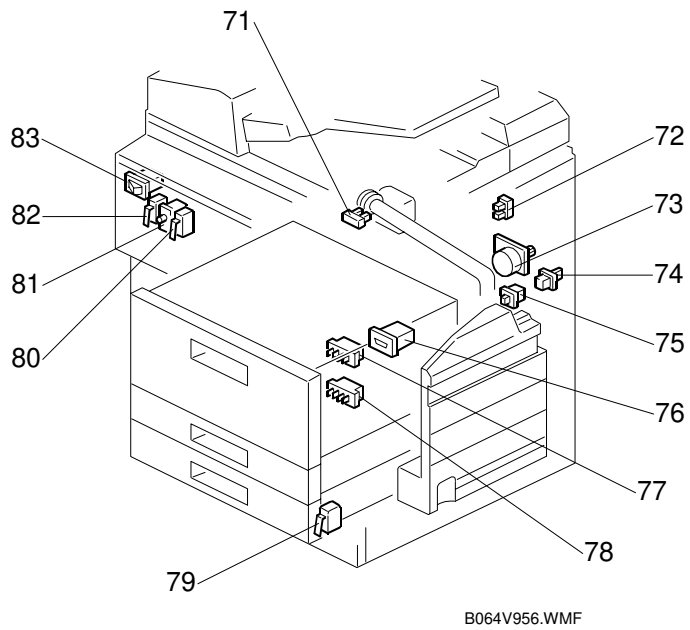
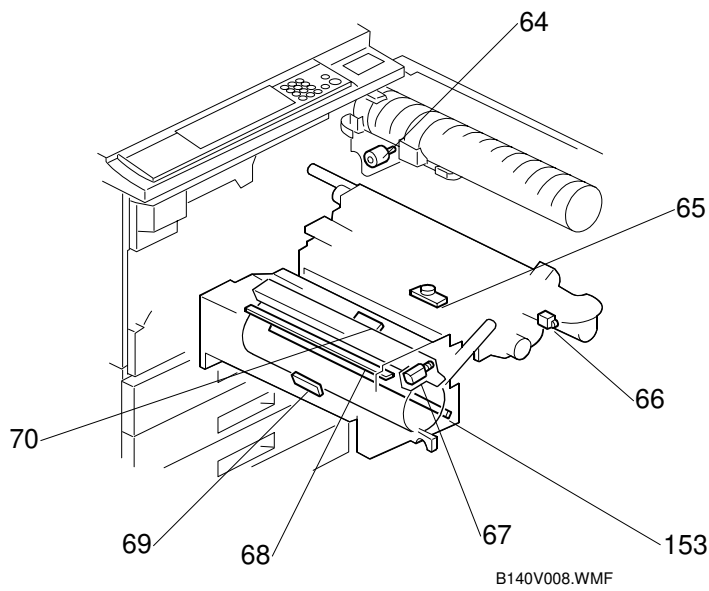
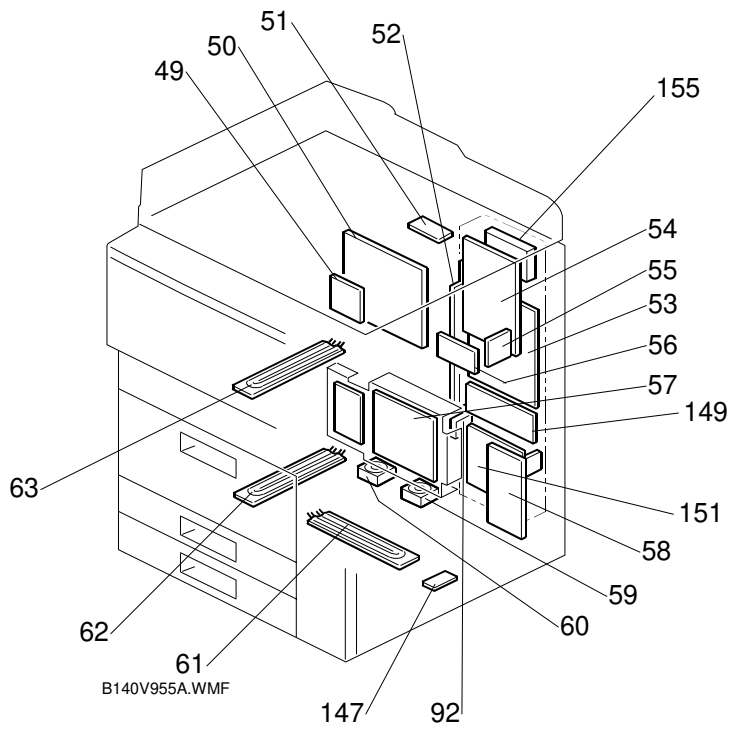
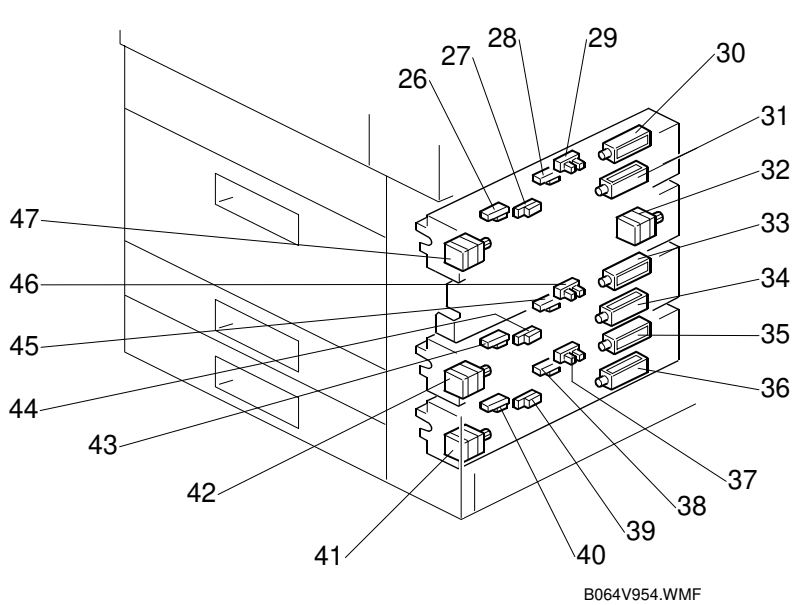
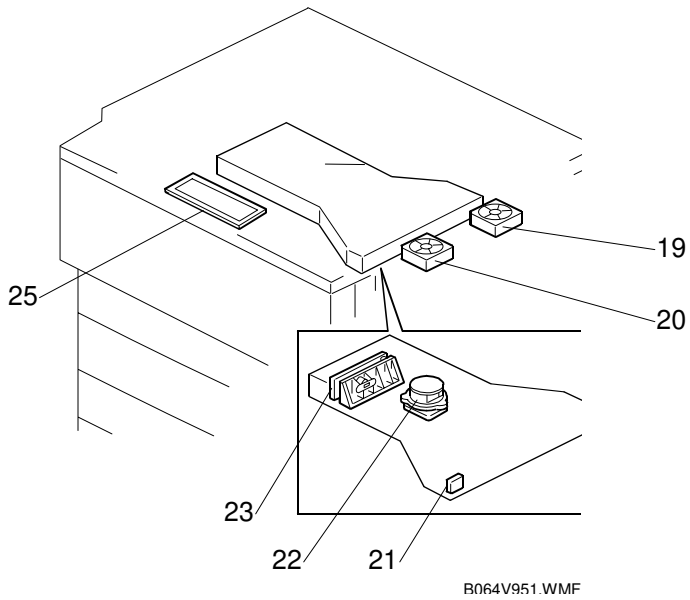
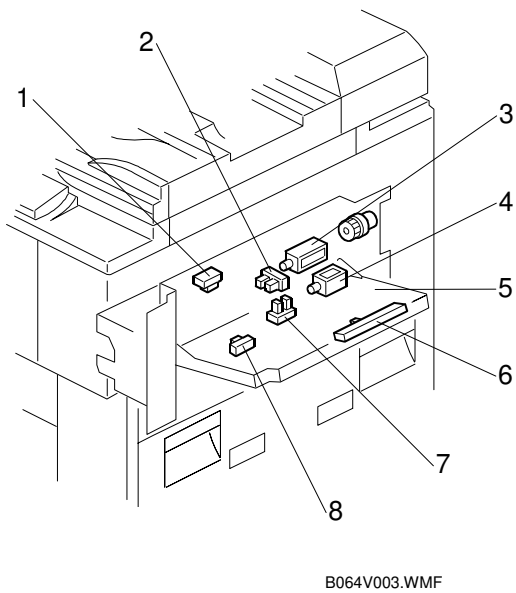
CN110			
Pin#	Signal Name	Pin#	Signal Name
1	SD DTS(1)	1	SD DTS(1)
2	SD CMD(1)	2	SD CMD(1)
3	GND	3	GND
4	3VDUAL	4	3VDUAL
5	SDCLK1	5	SDCLK1
6	GND	6	GND
7	SD DTS(2)	7	SD DTS(2)
8	SD DTS(3)	8	SD DTS(3)
9	SD DTS(4)	9	SD DTS(4)
10	SD DTS(5)	10	SD DTS(5)
11	GND	11	GND
12	SD WP(1)	12	SD WP(1)

CN112			
Pin#	Signal Name	Pin#	Signal Name
1	SD DTS(1)	1	SD DTS(1)
2	SD CMD(1)	2	SD CMD(1)
3	GND	3	GND
4	3VDUAL	4	3VDUAL
5	SDCLK1	5	SDCLK1
6	GND	6	GND
7	SD DTS(2)	7	SD DTS(2)
8	SD DTS(3)	8	SD DTS(3)
9	SD DTS(4)	9	SD DTS(4)
10	SD DTS(5)	10	SD DTS(5)
11	GND	11	GND
12	SD WP(1)	12	SD WP(1)

CN113			
Pin#	Signal Name	Pin#	Signal Name
1	12V	15	12V
2	5V	16	5V
3	5V	17	5V
4	5V	18	5V
5	5V	19	5V
6	5V	20	5V
7	5V	21	5V
8	5V	22	5V
9	5V	23	5V
10	5V	24	5V
11	5V	25	5V
12	5V	26	5V
13	5V	27	5V
14	5V	28	5V
15	5V	29	5V
16	5V	30	5V
17	5V	31	5V
18	5V	32	5V
19	5V	33	5V
20	5V	34	5V
21	5V	35	5V
22	5V	36	5V
23	5V	37	5V
24	5V	38	5V
25	5V	39	5V
26	5V	40	5V
27	5V	41	5V
28	5V	42	5V
29	5V	43	5V
30	5V	44	5V
31	5V	45	5V
32	5V	46	5V
33	5V	47	5V
34	5V	48	5V
35	5V	49	5V
36	5V	50	5V
37	5V	51	5V
38	5V	52	5V
39	5V	53	5V
40	5V	54	5V
41	5V	55	5V
42	5V	56	5V
43	5V	57	5V
44	5V	58	5V
45	5V	59	5V
46	5V	60	5V
47	5V	61	5V
48	5V	62	5V
49	5V	63	5V
50	5V	64	5V
51	5V	65	5V
52	5V	66	5V
53	5V	67	5V
54	5V	68	5V
55	5V	69	5V
56	5V	70	5V
57	5V	71	5V
58	5V	72	5V
59	5V	73	5V
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61	5V	75	5V
62	5V	76	5V
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65	5V	79	5V
66	5V	80	5V
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72	5V	86	5V
73	5V	87	5V
74	5V	88	5V
75	5V	89	5V
76	5V	90	5V
77	5V	91	5V
78	5V	92	5V
79	5V	93	5V
80	5V	94	5V
81	5V	95	5V
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84	5V	98	5V
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95	5V	109	5V
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105	5V	119	5V
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108	5V	122	5V
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110	5V	124	5V
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115	5V	129	5V
116	5V	130	5V
117	5V	131	5V
118	5V	132	5V
119	5V	133	5V
120	5V	134	5V
121	5V	135	5V
122	5V	136	5V
123	5V	137	5V
124	5V	138	5V
125	5V	139	5V
126	5V	140	5V
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128	5V	142	5V
129	5V	143	5V
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133	5V	147	5V
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141	5V	155	5V
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213	5V	227	5V
214	5V	228	5V
215	5V	229	5V
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217	5V	231	5V
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220	5V	234	5V
221	5V	235	5V
222	5V	236	5V
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225	5V	239	5V
226	5V	240	5V
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229	5V	243	5V
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267	5V	281	5V
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273	5V	287	5V
274	5V	288	5V
275	5V	289	5V
276	5V	290	5V
277	5V	291	5V
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355	5V	369	5V
356	5V	370	5V
357	5V	371	5V
358	5V	372	5V
359	5V	373	5V
360	5V	374	5V
361	5V	375	5V
362	5V	376	5V
363	5V	377	5V
364	5V	378	5V
365	5V	379	5V
366	5V	380	5V
367	5V	381	5V
368	5V	382	5V
369	5		

G126 ELECTRICAL COMPONENT LAYOUT (1/2)

Main Machine



G126 ELECTRICAL COMPONENT LAYOUT (2/2)

Main Machine

Symbol	Index No.	Description	P to P
Motors			
M1	92	Bottom Side Cooling Fan	E6 (3/3)
M2	89	CPU Cooling Fan	E3 (3/3)
M3	22	Polygonal Mirror	J1 (1/3)
M4	100	Toner Cooling Fan	G4 (1/3)
M5	85	Drum	A2 (1/3)
M6	84	Fusing/Exit	B2 (1/3)
M7	90	Development	B2 (1/3)
M8	122	Duplex Inverter	A7 (1/3)
M9	120	Duplex Transport	A7 (1/3)
M10	94	Registration	A6 (1/3)
M11	93	By-pass Feed	
M13	86	Exhaust Fan	C6 (1/3)
M14	87	Charge Power Pack Cooling Fan	C6 (1/3)
M15	19	Development Unit Cooling Fan 1	C6 (1/3)
M16	20	Development Unit Cooling Fan 2	C6 (1/3)
M17	88	Drum Cooling Fan	D6 (1/3)
M18	107	Web	E6 (1/3)
M19	67	Charge Corona Wire Cleaner	E6
M20	99	PCU Cooling Fan	E6 (1/3)
M21	121	Jogger	G6 (1/3)
M22	64	Toner Supply	J6 (1/3)
M23	98	Duplex Cooling Fan	J6 (1/3)
M24	32	Lower Relay	A6 (1/3)
M25	47	1st Paper Feed	C5 (2/3)
M26	41	3rd Paper Feed	C5 (2/3)
M27	42	2nd Paper Feed	C5 (2/3)
M28	96	2nd Tray Lift	B6 (2/3)
M29	97	3rd Tray Lift	B6 (2/3)
M30	95	1st Tray Lift	B7 (2/3)
M31	73	Toner Collection	B7 (2/3)
M32	138	Rear Fence	E6 (2/3)
M33	59	PSU Cooling Fan 1	E2 (2/3)
M34	60	PSU Cooling Fan 2	E2 (2/3)
Sensors			
S5	72	Toner Collection Motor	D6 (1/3)
S6	108	Web End	E6 (1/3)
S7	113	Exit Unit Entrance	E6 (1/3)
S8	112	Paper Exit	E6 (1/3)
S9	69	Image Density (ID)	E6 (1/3)
S10	70	Drum Potential	F6 (1/3)
S11	124	Duplex Entrance	F6 (1/3)
S12	126	Duplex Inverter	F6 (1/3)
S13	123	Duplex Transport 1	F6 (1/3)
S14	118	Duplex Jogger HP	G6 (1/3)
S15	115	Duplex Transport 2	G6 (1/3)
S16	117	Duplex Transport 3	G6 (1/3)
S17	71	Toner Collection Coil	G6 (1/3)
S18	66	Toner End	H6 (1/3)
S19	65	Toner Density (TD)	H6 (1/3)
S20	1	Registration	I6 (1/3)
S21	7	By-pass Paper End	I6 (1/3)

Symbol	Index No.	Description	P to P
S22	8	Relay	I6 (1/3)
S23	6	By-pass Paper Size	J6 (1/3)
S24	2	Guide Plate Position	J6 (1/3)
S25	26	1st Paper Feed	B2 (2/3)
S26	27	1st Vertical Transport	B2 (2/3)
S27	28	1st Paper End	B2 (2/3)
S28	29	1st Tray Lift	B2 (2/3)
S29	43	2nd Paper Feed	B3 (2/3)
S30	44	2nd Vertical Transport	B3 (2/3)
S31	45	2nd Paper End	B3 (2/3)
S32	46	2nd Tray Lift	B3 (2/3)
S33	40	3rd Paper Feed	B4 (2/3)
S34	39	3rd Vertical Transport	B4 (2/3)
S35	38	3rd Paper End	B4 (2/3)
S36	37	3rd Tray Lift	B4 (2/3)
S37	137	Front Side Fence Open	E5 (2/3)
S38	140	Front Side Fence Close	E5 (2/3)
S39	127	Rear Side Fence Open	E5 (2/3)
S40	144	Rear Side Fence Close	E5 (2/3)
S41	134	Right Tray Down	E5 (2/3)
S42	132	Near End	E5 (2/3)
S43	141	Paper Height 1	E5 (2/3)
S44	133	Paper Height 2	E5 (2/3)
S45	135	Paper Height 3	E6 (2/3)
S46	131	Right Tray Paper	E6 (2/3)
S47	142	Rear Fence HP	E6 (2/3)
S48	143	Rear Fence Return	E7 (2/3)
S49	139	Left Tray Paper	E7 (2/3)
S50	111	Fusing Exit	I2 (2/3)
S51	146	Fusing Pressure Release Sensor	D6 (1/3)
S52	147	Thermal / Humidity Sensor	I6 (1/3)
Switches			
SW1	80	Front Cover Safety 1	I4 (1/3)
SW2	82	Front Cover Safety 2	I4 (1/3)
SW3	81	Front Door Safety	A4 (1/3)
SW4	77	2nd Paper Size	B6 (2/3)
SW5	78	3rd Paper Size	B6 (2/3)
SW6	75	Toner Collection Bottle Set	B7 (2/3)
SW7	74	Toner Overflow	B7 (2/3)
SW8	79	Lower Front Door Safety	D4 (2/3)
SW9	83	Main	I4 (2/3)
Solenoids			
SOL1	109	Exit Junction Gate	D6 (1/3)
SOL2	117	Reverse Trigger Roller	F6 (1/3)
SOL3	125	Duplex Junction Gate	F6 (1/3)
SOL4	105	Transfer Belt Lift	H6 (1/3)
SOL5	3	By-pass Pick-up	I6 (1/3)
SOL6	4	Guide Plate	J6 (1/3)
SOL7	30	1st Pick-up	A2 (2/3)
SOL8	31	1st Separation Roller	A3 (2/3)
SOL9	32	2nd Pick-up	B3 (2/3)
SOL10	34	2nd Separation Roller	B3 (2/3)

Symbol	Index No.	Description	P to P
SOL11	35	3rd Pick-up	B4 (2/3)
SOL12	36	3rd Separation Roller	B4 (2/3)
SOL13	136	Front Side Fence	E6 (2/3)
SOL14	128	Rear Side Fence	E6 (2/3)
SOL15	130	Right Tray Lock	E7 (2/3)
SOL16	129	Left Tray Lock	E7 (2/3)
Magnetic Clutches			
MC1	122	Duplex Transport	F6 (1/3)
MC2	5	By-pass Feed	I6 (1/3)
MC3	91	Toner Supply	B1 (1/3)
PCBs			
PCB1	52	Mother	E5 (3/3)
PCB3	53	Controller	E4 (3/3)
PCB4	54	IPU (Image Processing Control Unit)	H2 (1/3)
PCB8	23	LDB (Laser Drive Board)	H3 (1/3)
PCB9	49	CNB (Connection Board)	C3 (1/3)
PCB10	56	DRB (Drive Board)	A5 (1/3)
PCB11	50	BCU (Base Engine Control Unit)	H5 (1/3)
PCB9	49	CNB (Connection Board)	C3 (1/3)
PCB10	56	DRB (Drive Board)	A5 (1/3)
PCB11	50	BCU (Base Engine Control Unit)	H5 (1/3)
PCB14	58	PFC (Paper Feed Control)	C3 (2/3)
PCB15	57	PSU	F2 (2/3)
PCB16	149	External Controller Interfase Board	G4 (3/3)
PCB18	151	Controller PSU	I5 (3/3)
Lamps			
L1	68	Quenching Lamp	F6 (1/3)
L3	110	Fusing Lamp 1	I3 (2/3)
L4	106	Fusing Lamp 2	I3 (2/3)
L5	152	Fusing Lamp 3	I3 (2/3)
L6	153	PTL	F6 (1/3)
Power Packs			
PP1	51	Charge	D6 (1/3)
PP2	55	Development	H6 (1/3)
PP3	104	Transfer	H6 (1/3)
Others			
CO1	—	Key Counter (Option)	E4 (1/3)
CO2	76	Mechanical Counter	H6 (1/3)
H1	63	Drum	G1 (2/3)
H3	61	Lower Tray	G1 (2/3)
H4	62	Upper Tray	G1 (2/3)
LSD1	21	Laser Synchronization Detector	J2 (1/3)
TH1	101	Thermistor 1	I2 (2/3)
TH2	114	Thermistor 2	I2 (2/3)
TS1	102	Thermostat 1	I3 (2/3)
TS2	103	Thermostat 2	I3 (2/3)
TS3	154	Thermostat 3	I3 (2/3)
HDD1	155	HDD	G7 (3/3)