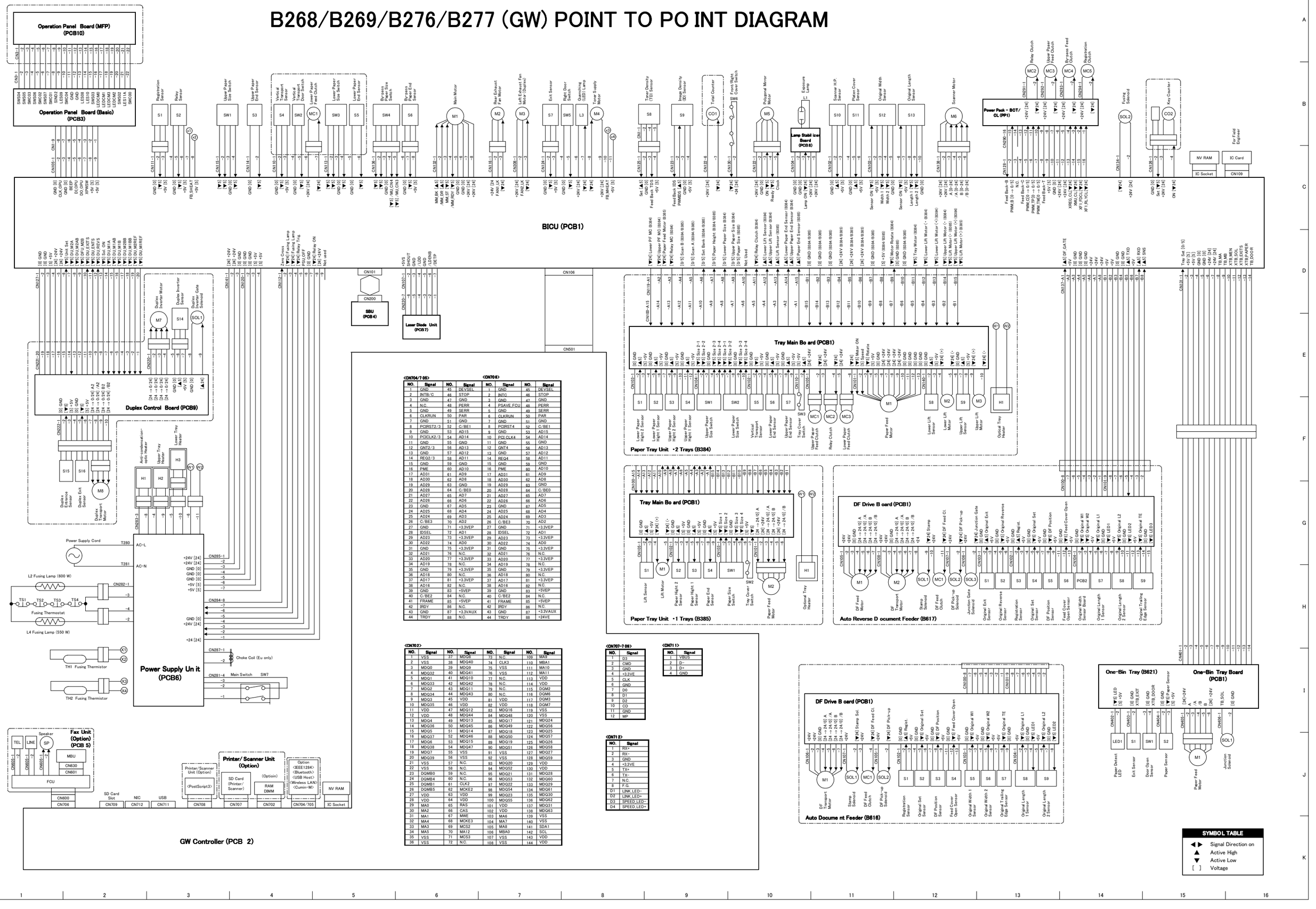
B268/B269/B276/B277 (GW) POINT TO PO INT DIAGRAM



<CN704/705>

NO.	Signal	NO.	Signal
1	GND	45	DEVSEL
2	INTB/C	46	STOP
3	GND	47	GND
4	N.C.	48	PERR
5	GND	49	SERR
6	CLKRUN	50	PAR
7	GND	51	GND
8	PCIRST2/3	52	C/BE1
9	GND	53	AD15
10	PCICLK2/3	54	AD14
11	GND	55	GND
12	GNT2/3	56	AD13
13	GND	57	AD12
14	REQ2/3	58	AD11
15	GND	59	GND
16	PME	60	AD10
17	AD31	61	AD9
18	AD30	62	AD8
19	AD29	63	GND
20	AD28	64	C/BE0
21	AD27	65	AD7
22	AD26	66	AD6
23	GND	67	AD5
24	AD25	68	AD4
25	AD24	69	AD3
26	C/BE3	70	AD2
27	GND	71	+3.3VEP
28	IDSEL	72	AD1
29	AD23	73	+3.3VEP
30	AD22	74	AD0
31	GND	75	+3.3VEP
32	AD21	76	N.C.
33	AD20	77	+3.3VEP
34	AD19	78	N.C.
35	GND	79	+3.3VEP
36	AD18	80	N.C.
37	AD17	81	+3.3VEP
38	AD16	82	N.C.
39	GND	83	+5VEP
40	C/BE2	84	N.C.
41	FRAME	85	+5VEP
42	IRDY	86	N.C.
43	GND	87	+3.3VAUX
44	TRDY	88	N.C.

<CN706>

NO.	Signal	NO.	Signal
1	GND	45	DEVSEL
2	INTA/C	46	STOP
3	GND	47	GND
4	PSAVE FCU	48	PERR
5	GND	49	SERR
6	CLKRUN	50	PAR
7	GND	51	GND
8	PCIRST4	52	C/BE1
9	GND	53	AD15
10	PCI CLK4	54	AD14
11	GND	55	GND
12	GNT4	56	AD13
13	GND	57	AD12
14	REQ4	58	AD11
15	GND	59	GND
16	PME	60	AD10
17	AD31	61	AD9
18	AD30	62	AD8
19	AD29	63	GND
20	AD28	64	C/BE0
21	AD27	65	AD7
22	AD26	66	AD6
23	GND	67	AD5
24	AD25	68	AD4
25	AD24	69	AD3
26	C/BE3	70	AD2
27	GND	71	+3.3VEP
28	IDSEL	72	AD1
29	AD23	73	+3.3VEP
30	AD22	74	AD0
31	GND	75	+3.3VEP
32	AD21	76	N.C.
33	AD20	77	+3.3VEP
34	AD19	78	N.C.
35	GND	79	+3.3VEP
36	AD18	80	N.C.
37	AD17	81	+3.3VEP
38	AD16	82	N.C.
39	GND	83	+5VEP
40	C/BE2	84	N.C.
41	FRAME	85	+5VEP
42	IRDY	86	N.C.
43	GND	87	+3.3VAUX
44	TRDY	88	+24VE

<CN702>

NO.	Signal	NO.	Signal	NO.	Signal	NO.	Signal
1	VSS	37	MDQ39	73	N.C.	109	MA9
2	VSS	38	MDQ40	74	CLK3	110	MBA1
3	MDQ0	39	MDQ9	75	VSS	111	MA10
4	MDQ32	40	MDQ41	76	VSS	112	MA11
5	MDQ1	41	MDQ10	77	N.C.	113	VDD
6	MDQ33	42	MDQ42	78	N.C.	114	VDD
7	MDQ2	43	MDQ11	79	N.C.	115	DQM2
8	MDQ34	44	MDQ43	80	N.C.	116	DQM6
9	MDQ3	45	VDD	81	VDD	117	DQM3
10	MDQ35	46	VDD	82	VDD	118	DQM7
11	VDD	47	MDQ12	83	MDQ16	119	VSS
12	VDD	48	MDQ44	84	MDQ48	120	VSS
13	MDQ4	49	MDQ13	85	MDQ17	121	MDQ24
14	MDQ36	50	MDQ45	86	MDQ49	122	MDQ56
15	MDQ5	51	MDQ14	87	MDQ18	123	MDQ25
16	MDQ37	52	MDQ46	88	MDQ50	124	MDQ57
17	MDQ6	53	MDQ15	89	MDQ19	125	MDQ26
18	MDQ38	54	MDQ47	90	MDQ51	126	MDQ58
19	MDQ7	55	VSS	91	VSS	127	MDQ27
20	MDQ39	56	VSS	92	VSS	128	MDQ59
21	VSS	57	N.C.	93	MDQ20	129	VDD
22	VSS	58	N.C.	94	MDQ52	130	VDD
23	DQMB0	59	N.C.	95	MDQ21	131	MDQ28
24	DQMB4	60	N.C.	96	MDQ53	132	MDQ60
25	DQMB1	61	CLK2	97	MDQ22	133	MDQ29
26	DQMB5	62	MCKE2	98	MDQ54	134	MDQ61
27	VDD	63	VDD	99	MDQ23	135	MDQ30
28	VDD	64	VDD	100	MDQ55	136	MDQ62
29	MA0	65	RAS	101	VDD	137	MDQ31
30	MA2	66	CAS	102	VDD	138	MDQ63
31	MA1	67	MWE	103	MA6	139	VSS
32	MA4	68	MCKE3	104	MA7	140	VSS
33	MA3	69	MCS2	105	MA8	141	SDA1
34	MA5	70	MA12	106	MBA0	142	SCL
35	VSS	71	MCS3	107	VSS	143	VDD
36	VSS	72	N.C.	108	VSS	144	VDD

<CN707-7 09>

NO.	Signal
1	D3
2	CMD
3	GND
4	+3.3VE
5	CLK
6	GND
7	D0
8	D1
9	D2
10	CD
11	GND
12	WP

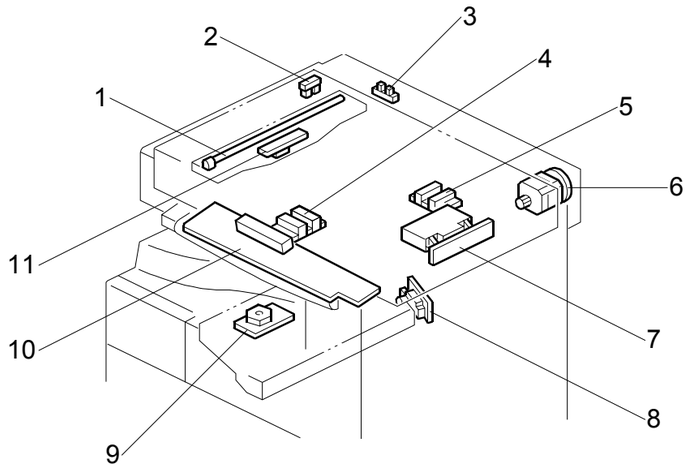
<CN712>

NO.	Signal
1	RX+
2	RX-
3	GND
4	+3.3VE
5	TX+
6	TX-
7	N.C.
8	F.G.
D1	LINK_LED-
D2	LINK_LED+
D3	SPEED_LED-
D4	SPEED_LED+

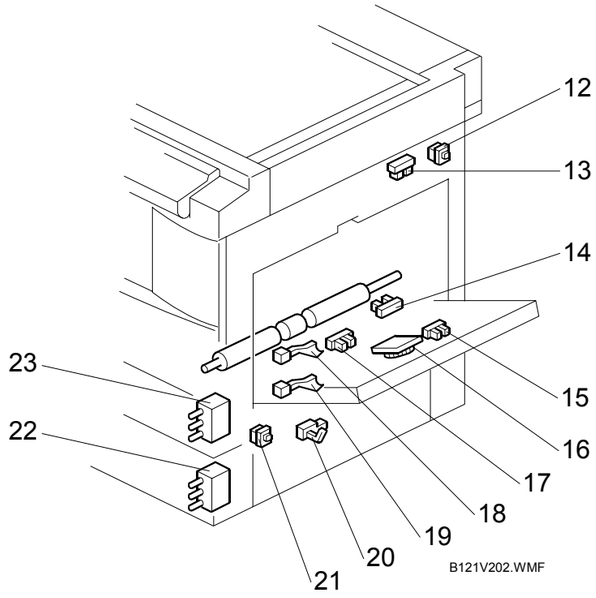
<CN711>

NO.	Signal
1	VBUS
2	D-
3	D+
4	GND

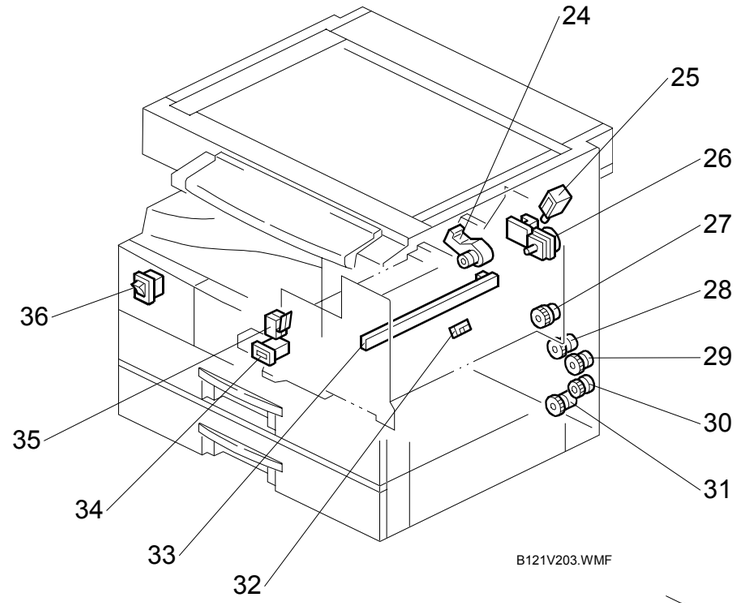
ELECTRICAL COMPONENT LAYOUT (B268/B269/B276/B277:GW)



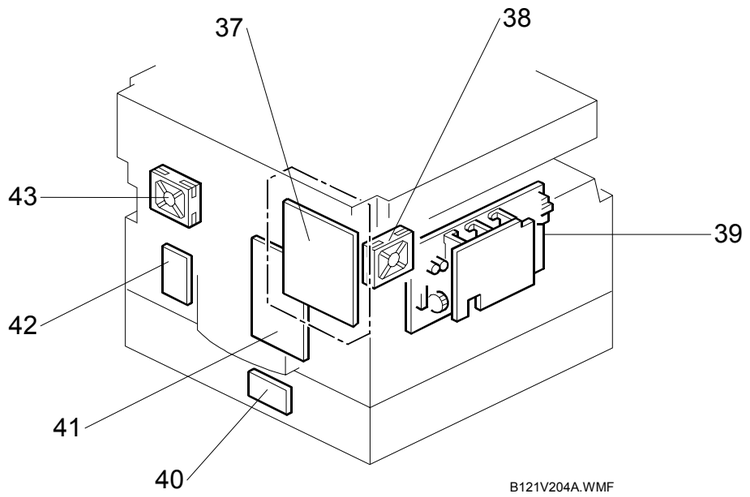
B121V201.WMF



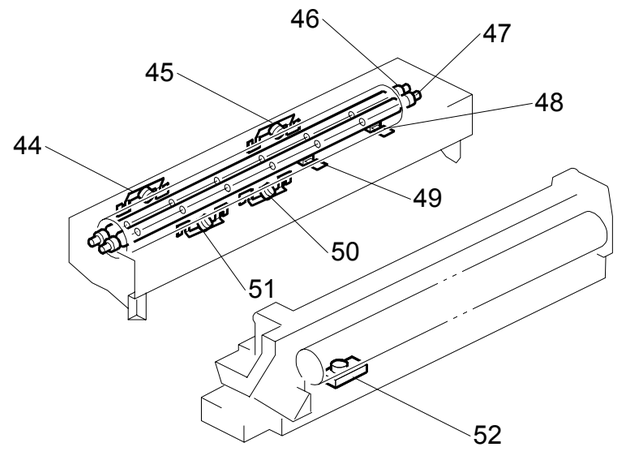
B121V202.WMF



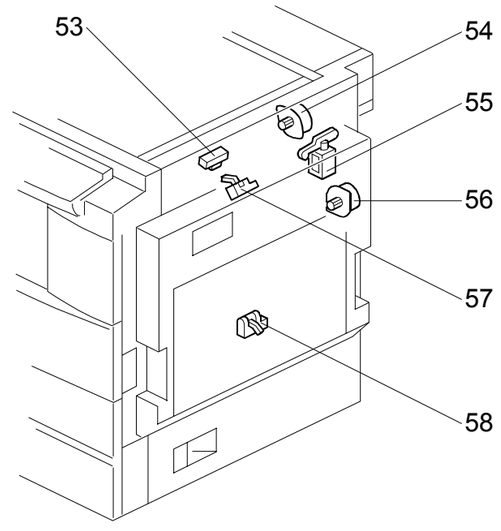
B121V203.WMF



B121V204A.WMF



B121V205.WMF



B121V301.WMF

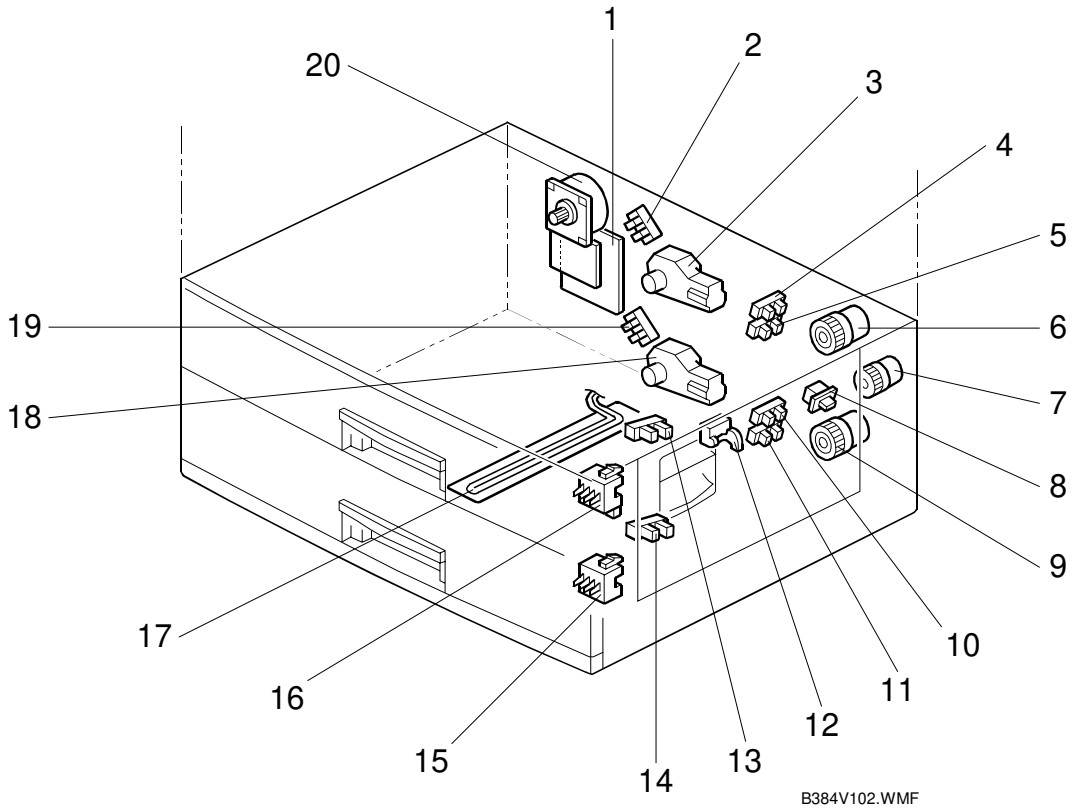
Symbol	Description	Index No.	P-to-P
Sensors			
S1	Registration	14	B3
S2	Relay	15	B3
S3	Upper Paper End	18	B4
S4	Vertical Transport	20	B4
S5	Lower Paper End	19	B5
S6	By-pass Paper End	17	B6
S7	Exit	13	B7
S8	Toner Density (TD)	52	B9
S9	Image Density (ID)	32	B9
S10	Scanner H.P.	2	B11
S11	Platen Cover	3	B11
S12	Original Width	4	B11
S13	Original Length	5	B12
S14	Duplex Inverter	53	E3
S15	Duplex Entrance	57	F2
S16	Duplex Exit	58	F2
Switches			
SW1	Upper Paper Size	23	B3

Symbol	Description	Index No.	P-to-P
SW2	Vertical Transport Door	21	B4
SW3	Lower Paper Size	22	B5
SW4	By-pass Paper Size	16	B5
SW5	Right Door	12	B8
SW6	Front/Right Cover	35	B10
SW7	Main	36	I4
Magnetic Clutches			
MC1	Lower Paper Feed	31	B5
MC2	Relay	30	B13
MC3	Upper Paper Feed	28	B13
MC4	By-pass Feed	29	B14
MC5	Registration	27	B14
Motors			
M1	Main	26	B6
M2	Rear Exhaust Fan	43	B7
M3	Left Exhaust Fan	38	B7
M4	Toner Supply	24	B8
M5	Polygonal Mirror	9	B10
M6	Scanner	6	B12

Symbol	Description	Index No.	P-to-P
M7	Duplex Inverter	54	E3
M8	Duplex Transport	56	G2
Lamps			
L1	Exposure	1	B10
L2	Fusing-1	46	H1
L3	Quenching (LED)	33	B8
L4	Fusing-2	47	H1
Counters			
CO1	Total	34	B9
CO2	Key (Option)	—	B15
Solenoids			
SOL1	Duplex Inverter Gate	55	E3
SOL2	Fusing	25	B14
Power Pack			
PP1	Power Pack-BCT/CL	42	B13
PCBs			
PCB1	BICU	41	C1-16
PCB2	GW Controller	37	E8

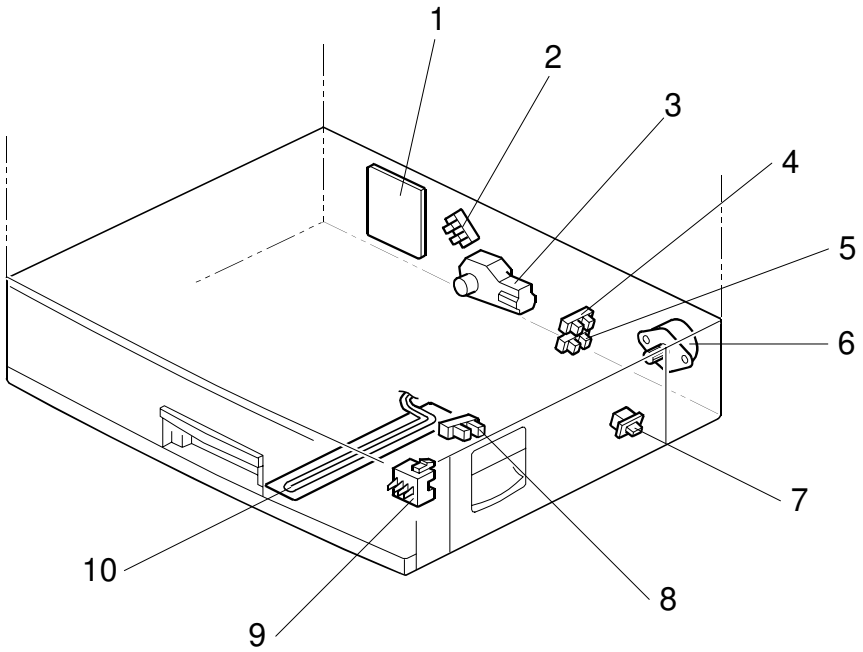
Symbol	Description	Index No.	P-to-P
PCB3	Operation Panel Board (OPU) Basic	10	B1-2
PCB4	SBU	7	E5
PCB5	FAX Unit (Option)	—	J1
PCB6	Power Supply Unit (PSU)	39	H3
PCB7	Laser Diode Unit (LDU)	8	E6
PCB8	Lamp Stabilizer Board	11	B10
PCB9	Duplex Control Board (DCB)	40	F1-3
PCB10	Operation Panel Board (OPU) MFP	10	A1-2
Heaters			
H1	Anti-condensation – Optic (Option)	—	F2
H2	Upper Tray (Option)	—	F3
H3	Lower Tray (Option)	—	F3
Others			
TH1	Fusing Thermistor	49	I2
TH2	Fusing Thermistor	48	I2
TS1	Fusing Thermostat	44	H1
TS2	Fusing Thermostat	45	H1
TS3	Fusing Thermostat	51	H1
TS4	Fusing Thermostat	50	H2

ELECTRICAL COMPONENT LAYOUT (B384)



Symbol	Name	Index No.	P-to-P
Motors			
M1	Paper Feed	20	E11
M2	Lower Lift	18	E12
M3	Upper Lift	3	E13
Sensors			
S1	Lower Paper Height 2	10	E8
S2	Lower Paper Height 1	11	E9
S3	Upper Paper Height 2	4	E9
S4	Upper Paper Height 1	5	E9
S5	Vertical Transport	12	E10
S6	Lower Paper End	14	E10
S7	Upper Paper End	13	E10
S8	Lower Lift	19	E12
S9	Upper Lift	2	E12
Switches			
SW1	Upper Paper Size	16	E9
SW2	Lower Paper Size	15	E10
SW3	Tray Cover	8	E10
Magnetic Clutches			
MC1	Upper Paper Feed	6	E11
MC2	Relay	7	E11
MC3	Lower Paper Feed	9	E11
PCBs			
PCB1	Tray Main	1	E9-13
Others			
H1	Optional Tray Heater	17	E13

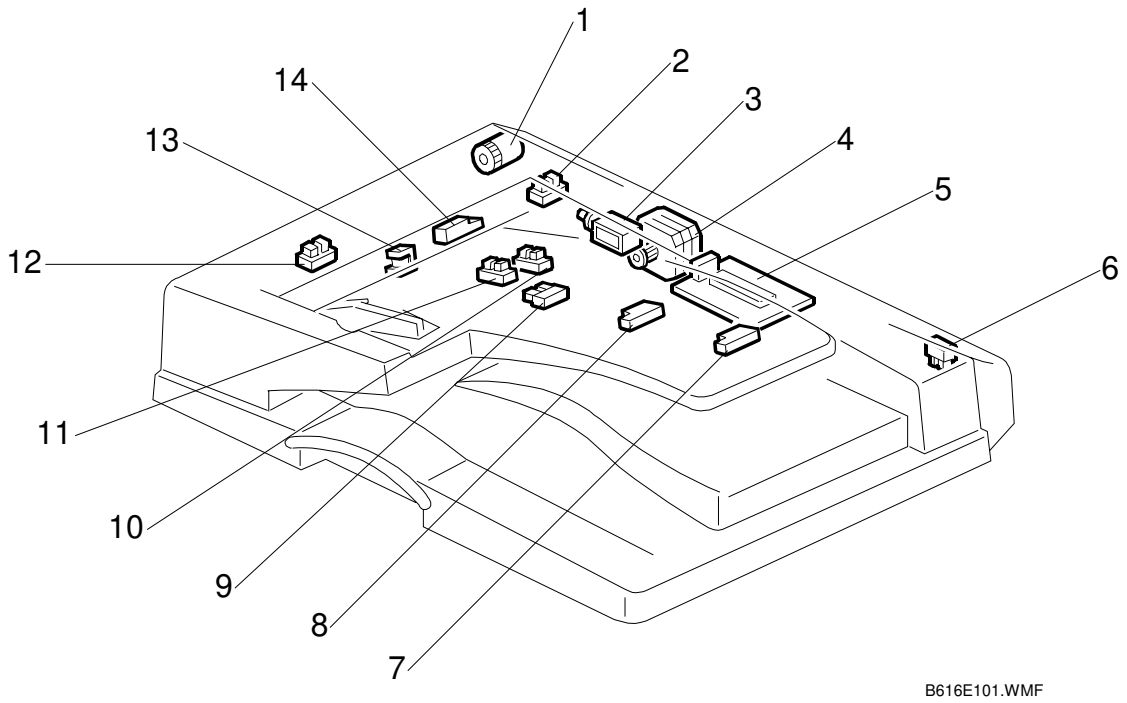
ELECTRICAL COMPONENT LAYOUT (B385)



B385V102.WMF

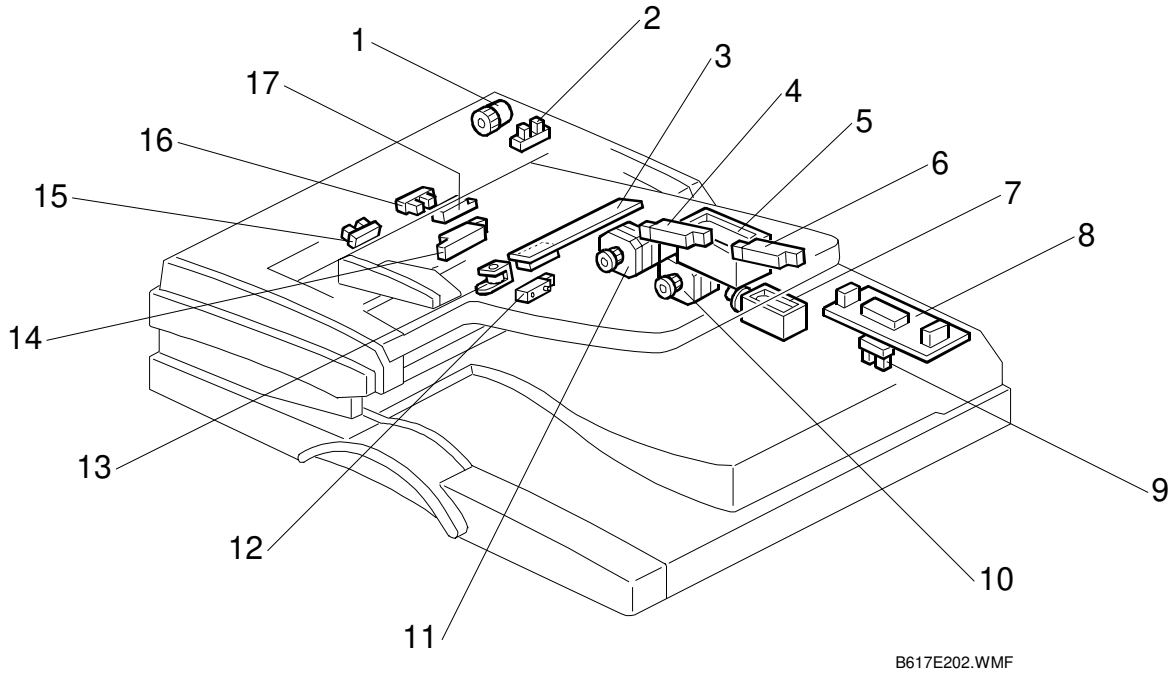
Symbol	Name	Index No.	P-to-P
Motors			
M1	Lift	3	H9
M2	Paper Feed	6	H10
Sensors			
S1	Lift	2	H9
S2	Paper Height 2	4	H9
S3	Paper Height 1	5	H9
S4	Paper End	8	H9
Switches			
SW1	Paper Size	9	H10
SW2	Tray Cover	7	H10
PCBs			
PCB1	Tray Main	1	G9-10
Others			
H1	Optional Tray Heater	10	H11

ELECTRICAL COMPONENT LAYOUT (B813)



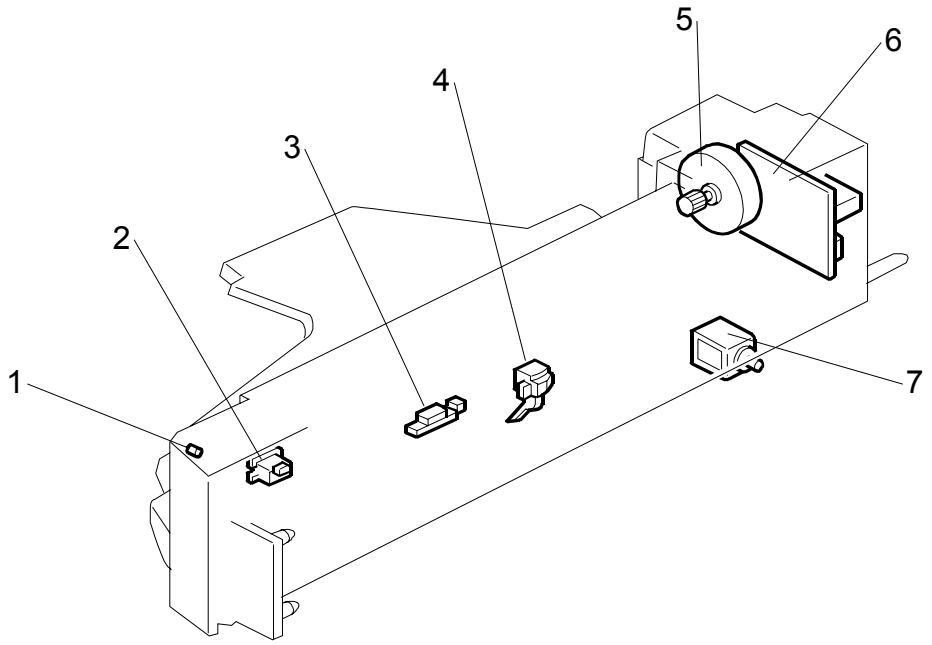
Symbol	Name	Index No.	P-to-P
Motors			
M1	DF Transport	4	J11
Sensors			
S1	Registration	14	J12
S2	Original Set	12	J12
S3	DF Position	6	J12
S4	Feed Cover Open	2	J12
S5	Original Width 1	10	J12
S6	Original Width 2	11	J13
S7	Original Trailing Edge	9	J13
S8	Original Length 1	7	J13
S9	Original Length 2	8	J13
Solenoids			
SOL1	Stamp	13	J11
SOL2	DF Pick-up	3	J11
Magnetic Clutches			
MC1	DF Feed	1	J11
PCBs			
PCB1	DF Drive	5	I11-13

ELECTRICAL COMPONENT LAYOUT (B814)



Symbol	Name	Index No.	P-to-P
Motors			
M1	DF Feed	10	H11
M2	DF Transport	11	H12
Sensors			
S1	Original Exit	12	H13
S2	Original Reverse	16	H13
S3	Registration	17	H13
S4	Original Set	15	H13
S5	DF Position	9	H13
S6	Feed Cover Open	2	H14
S7	Original Length - 1	4	H14
S8	Original Length - 2	6	H14
S9	Original Trailing Edge	14	H15
Solenoids			
SOL1	Stamp	13	H12
SOL2	DF Pick-up	5	H12
SOL3	Junction Gate	7	H12
Magnetic Clutches			
MC1	DF Feed	1	H12
PCBs			
PCB1	DF Drive Board	8	G11-15
PCB2	Original Width Sensor Board	3	H14

ELECTRICAL COMPONENT LAYOUT (B621)



B621D902.WMF

Symbol	Name	Index No.	P-to-P
Motors			
M1	Paper Feed Motor	5	J15
Sensors			
S1	Exit	4	J14
S2	Paper	3	J15
Switches			
Sw1	Door Open	2	J15
Solenoids			
SOL1	Junction	7	J16
PCBs			
PCB1	One-bin Tray Board	6	I14-16
LEDs			
LED1	Paper Detect	1	J14