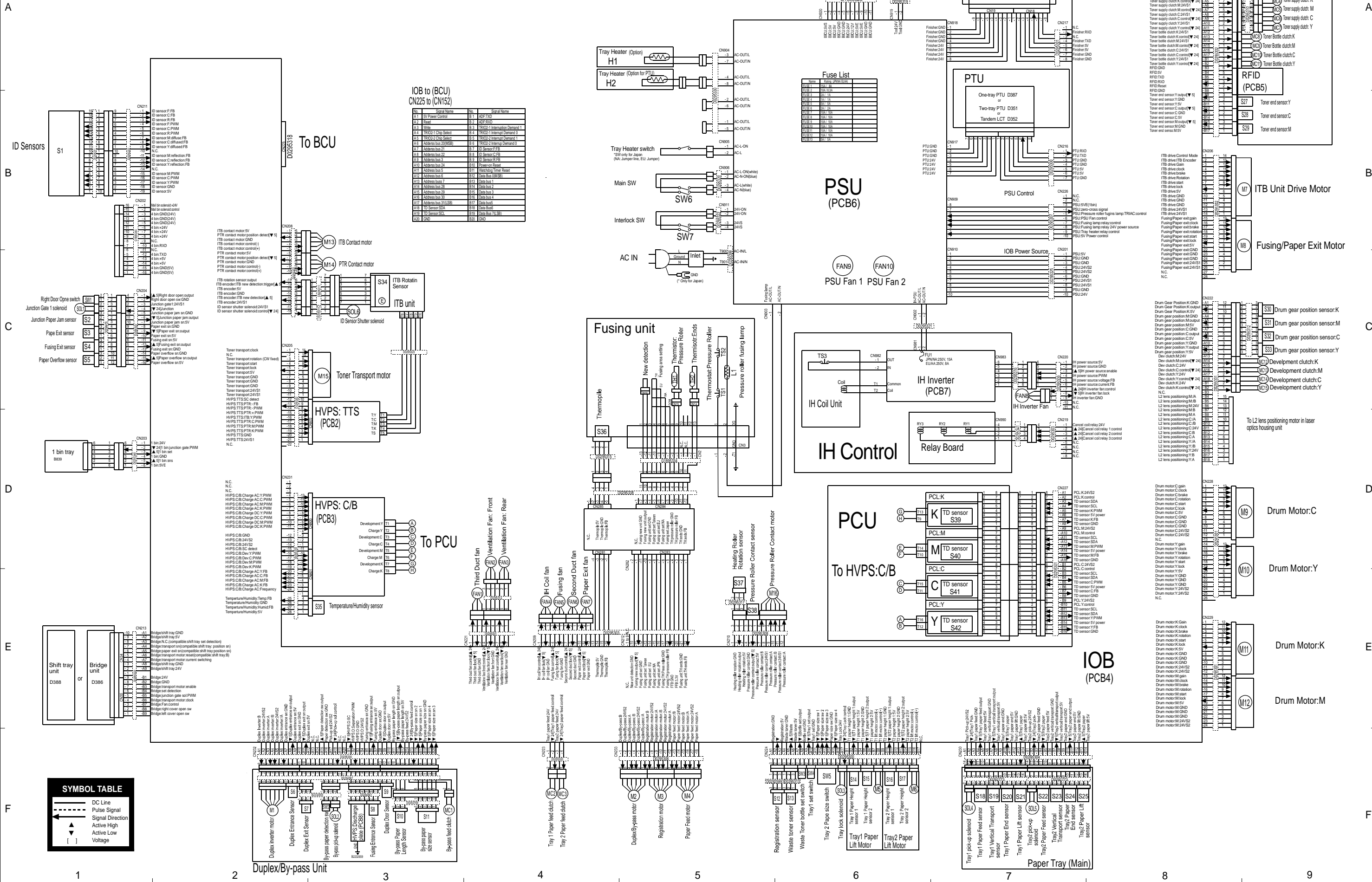


G188/G189 POINT TO POINT DIAGRAM (1/2)



SYMBOL TABLE

—	DC Line
~	Pulse Signal
→	Signal Direction
▲	Active High
▼	Active Low
[]	Voltage

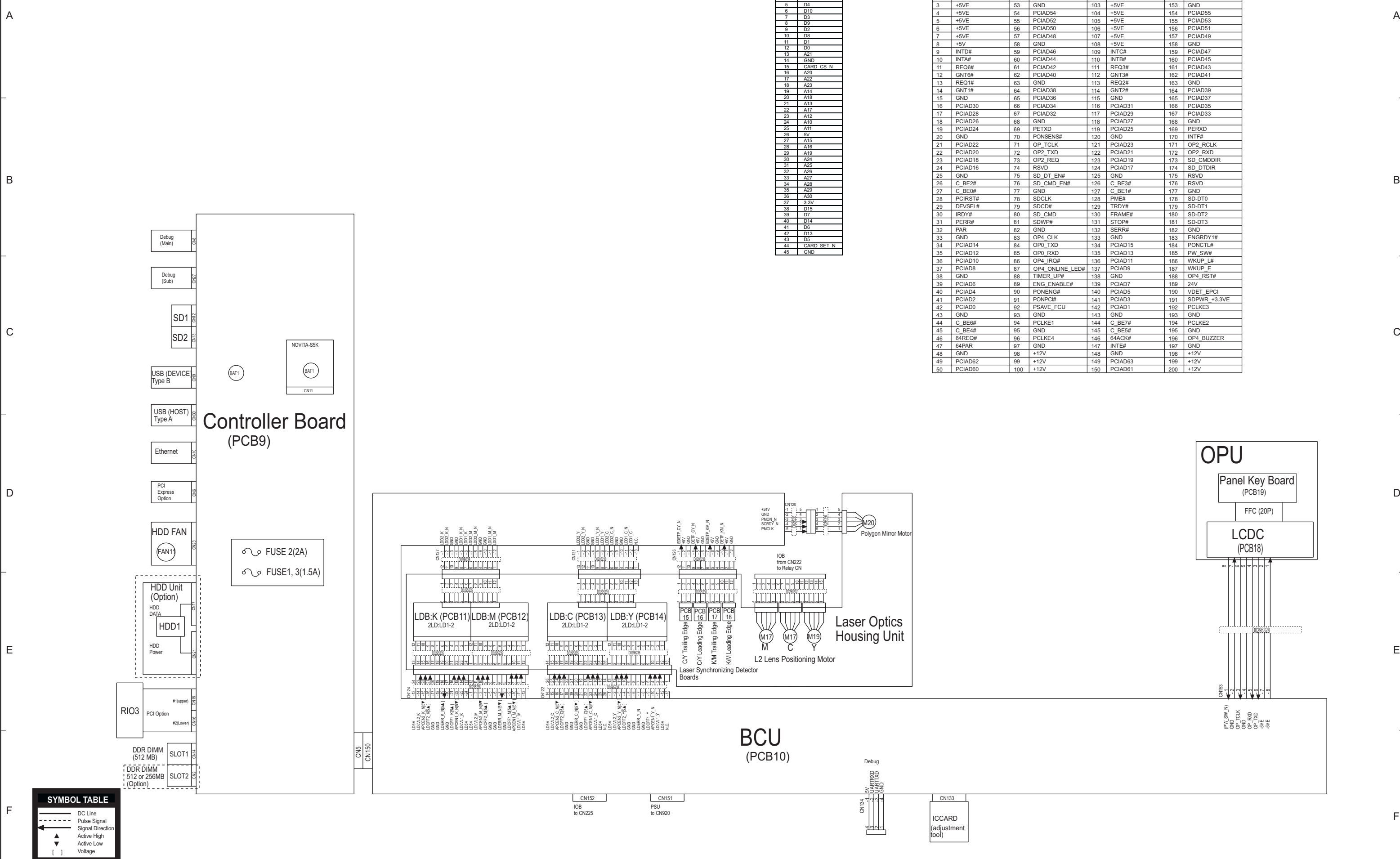
G188/G189 POINT TO POINT DIAGRAM (2/2)

BICU to (ICCARD) CN155

No.	Signal Name
1	GND
2	D12
3	SWAP_N
4	D11
5	D4
6	D10
7	D3
8	D9
9	D2
10	D8
11	D1
12	D0
13	A21
14	GND
15	CARD_CS_N
16	A20
17	A22
18	A23
19	A14
20	A16
21	A13
22	A17
23	A12
24	A10
25	A11
26	5V
27	A15
28	A16
29	A19
30	A24
31	A25
32	A26
33	A27
34	A28
35	A29
36	A30
37	3.3V
38	D15
39	D7
40	D14
41	D6
42	D13
43	D5
44	CARD_SET_N
45	GND

BCU to (Type-EX1) CN150 to (CN5)

No.	Name	No.	Name	No.	Name	No.	Name
1	+5VE	51	PCIA58	101	+5VE	151	PCIA59
2	+5VE	52	PCIA56	102	+5VE	152	PCIA57
3	+5VE	53	GND	103	+5VE	153	GND
4	+5VE	54	PCIA54	104	+5VE	154	PCIA55
5	+5VE	55	PCIA52	105	+5VE	155	PCIA53
6	+5VE	56	PCIA50	106	+5VE	156	PCIA51
7	+5VE	57	PCIA48	107	+5VE	157	PCIA49
8	+5V	58	GND	108	+5VE	158	GND
9	INTD#	59	PCIA46	109	INTC#	159	PCIA47
10	INTA#	60	PCIA44	110	INTB#	160	PCIA45
11	REQ6#	61	PCIA42	111	REQ3#	161	PCIA43
12	GNT6#	62	PCIA40	112	GNT3#	162	PCIA41
13	REQ1#	63	GND	113	REQ2#	163	GND
14	GNT1#	64	PCIA38	114	GNT2#	164	PCIA39
15	GND	65	PCIA36	115	GND	165	PCIA37
16	PCIA30	66	PCIA34	116	PCIA31	166	PCIA35
17	PCIA28	67	PCIA32	117	PCIA29	167	PCIA33
18	PCIA26	68	GND	118	PCIA27	168	GND
19	PCIA24	69	PETXD	119	PCIA25	169	PERXD
20	GND	70	PONSENS#	120	GND	170	INTF#
21	PCIA22	71	OP_TCLK	121	PCIA23	171	OP2_RCLK
22	PCIA20	72	OP2_TXD	122	PCIA21	172	OP2_RXD
23	PCIA18	73	OP2_REQ	123	PCIA19	173	SD_CMMDIR
24	PCIA16	74	RSVD	124	PCIA17	174	SD_DTDIR
25	GND	75	SD_DT_EN#	125	GND	175	RSVD
26	C_BE2#	76	SD_CMD_EN#	126	C_BE3#	176	RSVD
27	C_BE0#	77	GND	127	C_BE1#	177	GND
28	PCIRST#	78	SDCLK	128	PME#	178	SD-DT0
29	DEVSEL#	79	SDCC#	129	TRDY#	179	SD-DT1
30	IRDY#	80	SD_CMD	130	FRAME#	180	SD-DT2
31	PERR#	81	SDWP#	131	STOP#	181	SD-DT3
32	PAR	82	GND	132	SERR#	182	GND
33	GND	83	OP4_CLK	133	GND	183	ENGRDY1#
34	PCIA14	84	OP0_TXD	134	PCIA15	184	PONCTL#
35	PCIA12	85	OP0_RXD	135	PCIA13	185	PW_SW#
36	PCIA10	86	OP4_IRQ#	136	PCIA11	186	WKUP_L#
37	PCIA8	87	OP4_ONLINE_LED#	137	PCIA9	187	WKUP_E
38	GND	88	TIMER_UP#	138	GND	188	OP4_RST#
39	PCIA6	89	ENG_ENABLE#	139	PCIA7	189	24V
40	PCIA4	90	PONENG#	140	PCIA5	190	VDET_EPCI
41	PCIA2	91	PONPCI#	141	PCIA3	191	SDPWR +3.3VE
42	PCIA0	92	PSAVE_FCU	142	PCIA1	192	PCLKE3
43	GND	93	GND	143	GND	193	GND
44	C_BE6#	94	PCLKE1	144	C_BE7#	194	PCLKE2
45	C_BE4#	95	GND	145	C_BE5#	195	GND
46	64REQ#	96	PCLKE4	146	64ACK#	196	OP4_BUZZER
47	64PAR	97	GND	147	INTE#	197	GND
48	GND	98	+12V	148	GND	198	+12V
49	PCIA62	99	+12V	149	PCIA63	199	+12V
50	PCIA60	100	+12V	150	PCIA61	200	+12V



SYMBOL TABLE

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

G188/G189 ELECTRICAL COMPONENT LAYOUT (1/2)

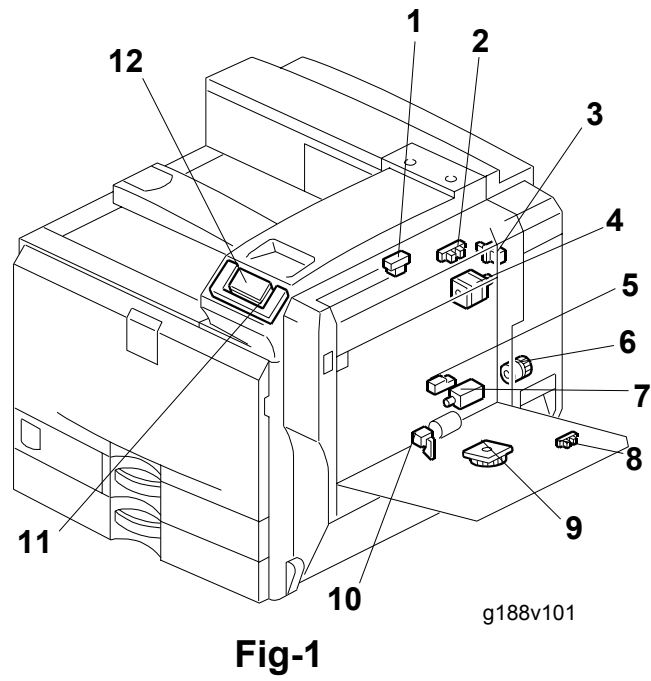


Fig-1

g188v101

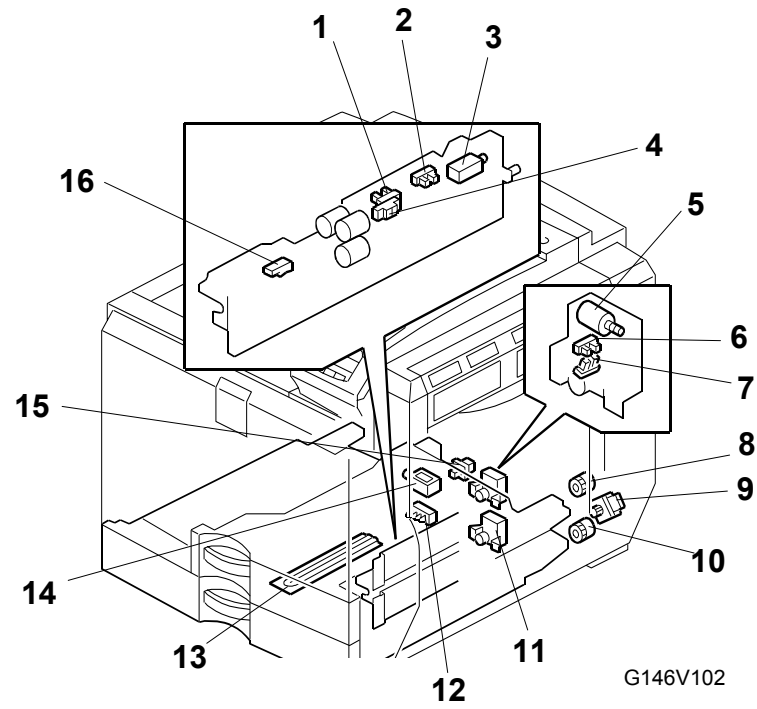


Fig-2

G146V102

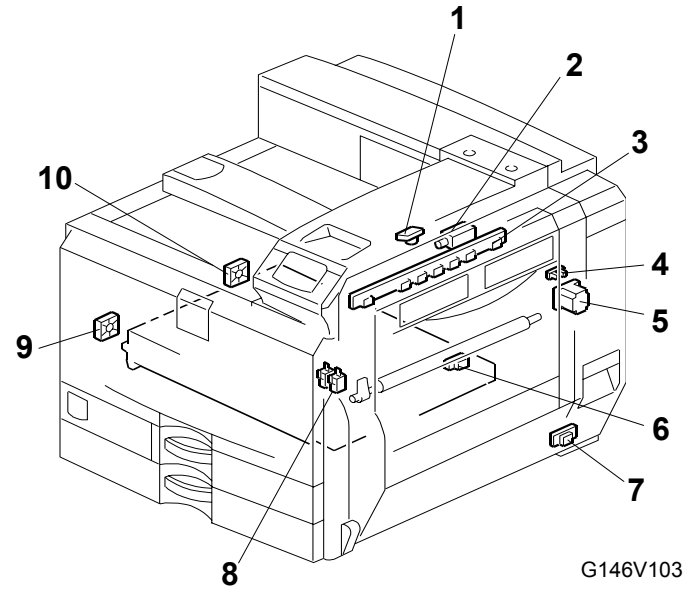


Fig-3

G146V103

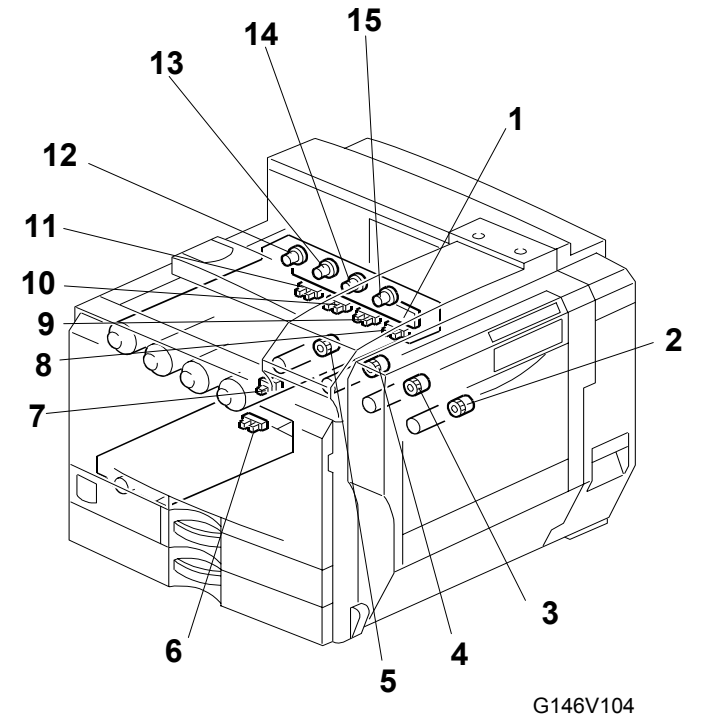


Fig-4

G146V104

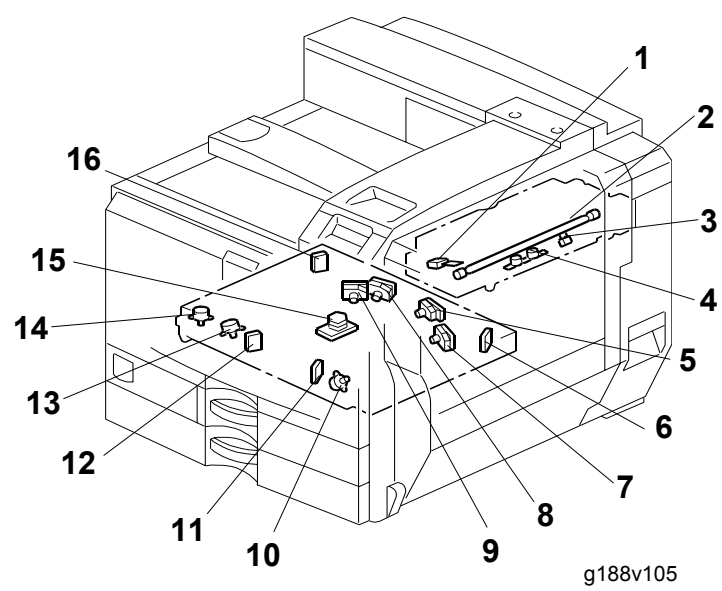


Fig-5

g188v105

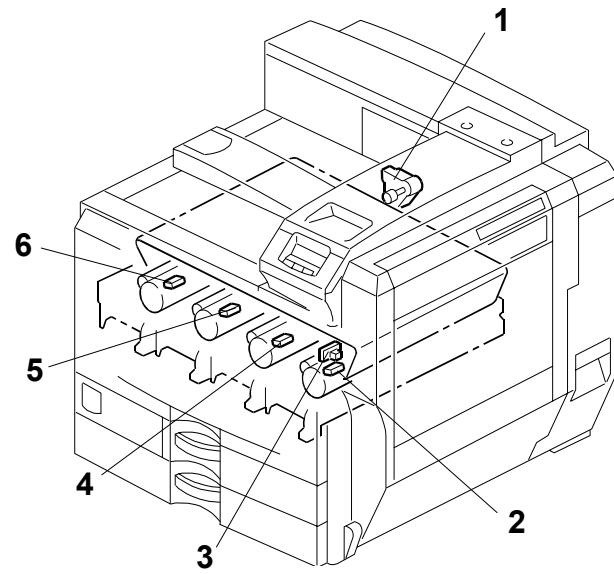


Fig-6

g188v107

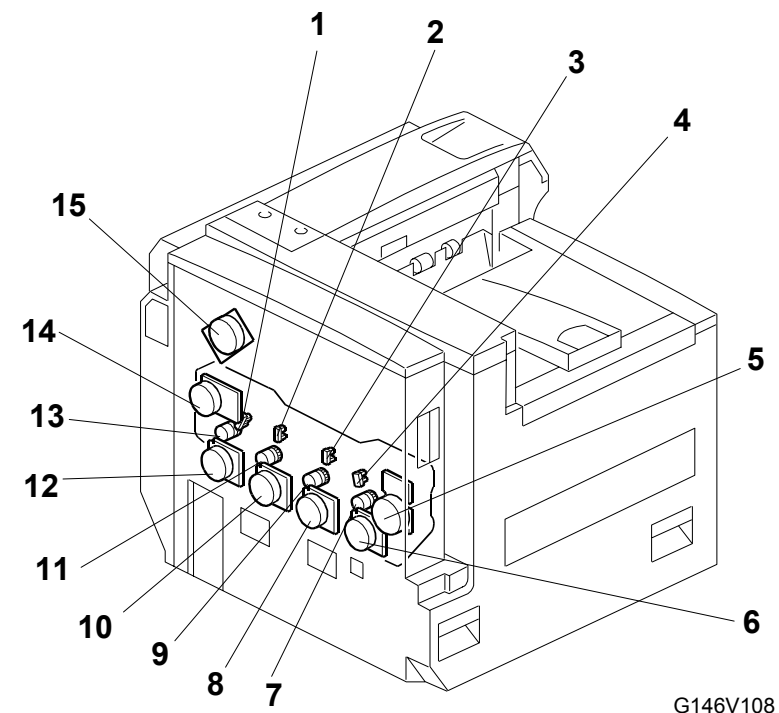


Fig-7

G146V108

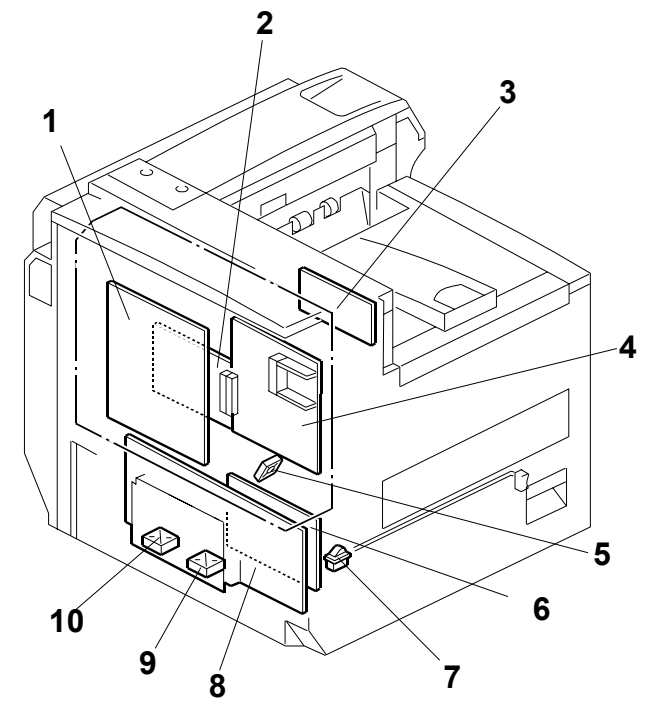


Fig-8

g188v109

G188/G189 ELECTRICAL COMPONENT LAYOUT (2/2)

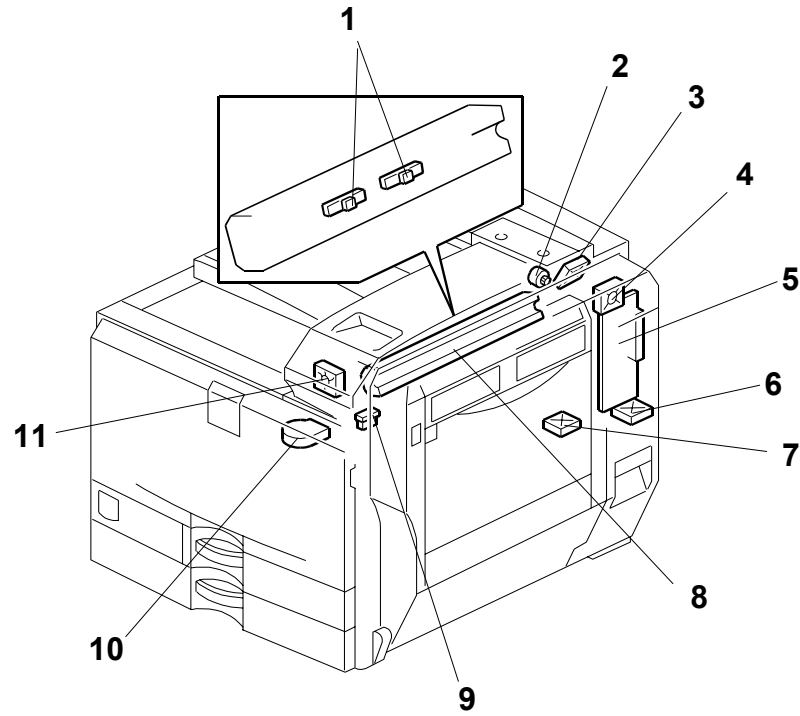


Fig-9

g188v110

Symbol	Index No.	Description	P to P	Page
PCBs				
PCB1	8-3	HVPS: TTS	D3	1/2
PCB2	8-6	HVPS: C/B	D3	1/2
PCB3	8-1	IOB	E8	1/2
PCB4	4-1	RFID	A9	1/2
PCB5	8-8	PSU	B6	1/2
PCB6	9-5	IH Inverter Board	C7	1/2
PCB7	10-9	HVPS - Discharge Plate	F3	1/2
PCB8	8-4	Controller Board	D2	1/2
PCB9	8-2	BCU	F5	1/2
PCB10	5-5	LDB: K	E3	2/2
PCB11	5-7	LDB: M	E4	2/2
PCB12	5-8	LDB: C	E4	2/2
PCB13	5-9	LDB: Y	E5	2/2
PCB14	5-16	Laser Synchronizing Detector Board-YC-TE	E5	2/2
PCB15	5-12	Laser Synchronizing Detector Board-YC-LE	E5	2/2
PCB16	5-11	Laser Synchronizing Detector Board-MK-TE	E5	2/2
PCB17	5-6	Laser Synchronizing Detector Board-MK-LE	E5	2/2
PCB18	1-12	LCDC	D8	2/2
PCB19	1-11	Panel Key Board	D8	2/2
Heaters				
H1	2-13	Tray Heater (Option)	A4	1/2
H2	2-13	Tray Heater (Option for PTU)	A4	1/2

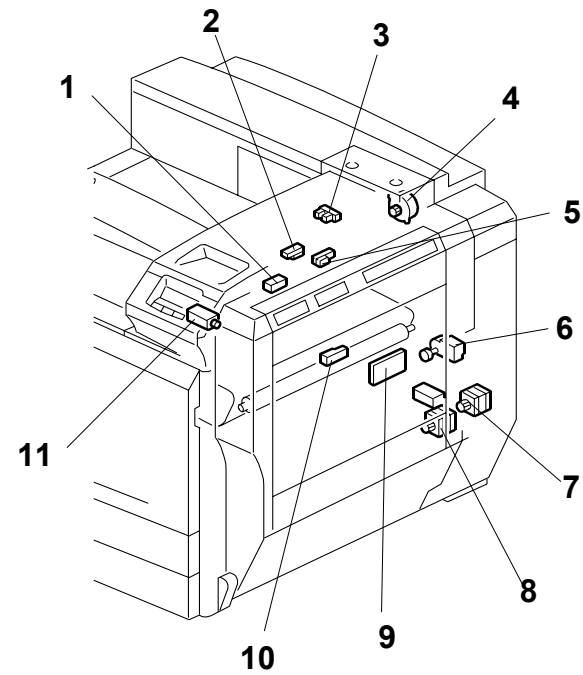


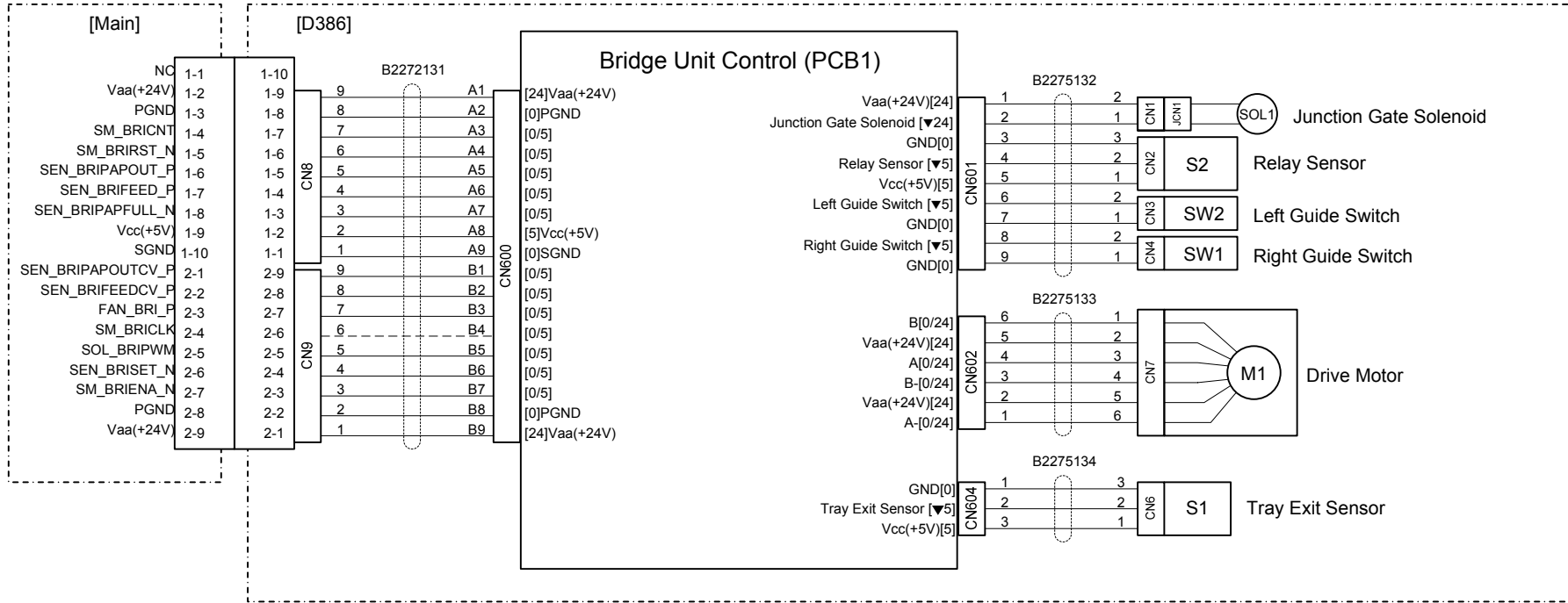
Fig-10

g188v111

Symbol	Index No.	Description	P to P	Page
Motors				
M1	1-4	Duplex Inverter	F2	1/2
M2	10-7	Duplex/By-pass	F5	1/2
M3	10-8	Registration	F5	1/2
M4	3-9	Paper Feed	F5	1/2
M5	2-5	Tray1 Lift	F6	1/2
M6	2-11	Tray2 Lift	F6	1/2
M7	7-14	ITB Unit Drive	B9	1/2
M8	7-15	Fusing/Paper Exit	B9	1/2
M9	7-8	Drum/Development Motor:C	D9	1/2
M10	7-6	Drum/Development Motor:Y	D9	1/2
M11	7-12	Drum/Development Motor:K	E9	1/2
M12	7-10	Drum/Development Motor:M	E9	1/2
M13	6-1	ITB Contact	B3	1/2
M14	10-6	PTR Contact	C3	1/2
M15	7-5	Toner Transport	C3	1/2
M16	3-5	Pressure Roller Contact motor	E5	1/2
M17	5-10	L2 lens positioning motor:M	E5	2/2
M18	5-13	L2 lens positioning motor:C	E6	2/2
M19	5-14	L2 lens positioning motor:Y	E6	2/2
M20	5-15	Polygon Mirror	D6	2/2
Clutches				
MC1	1-6	By-pass Feed	F3	1/2
MC2	2-8	Tray1 Paper Feed	F4	1/2
MC3	2-10	Tray2 Paper Feed	F4	1/2
MC4	4-2	Toner Supply Clutch:K	A9	1/2
MC5	4-3	Toner Supply Clutch:M	A9	1/2
MC6	4-4	Toner Supply Clutch:C	A9	1/2
MC7	4-5	Toner Supply Clutch:Y	A9	1/2
MC8	4-12	Toner Bottle Clutch - K	A9	1/2
MC9	4-15	Toner Bottle Clutch - M	A9	1/2
MC10	4-14	Toner Bottle Clutch - C	A9	1/2
MC11	4-13	Toner Bottle Clutch - Y	A9	1/2
MC12	7-13	Development Clutch:K	C9	1/2
MC13	7-11	Development Clutch:M	C9	1/2
MC14	7-9	Development Clutch:C	C9	1/2
MC15	7-7	Development Clutch:Y	C9	1/2
Solenoids				
SOL1	10-11	Junction Gate 1 Solenoid	C1	1/2
SOL2	1-7	By-pass Pick-up	F3	1/2
SOL3	2-14	Tray Lock	F6	1/2
SOL4	2-3	Tray1 Pick-up	F7	1/2
SOL5	2-3	Tray2 Pick-up	F7	1/2
SOL6	3-2	ID Sensor Shutter	C3	1/2
Switches				
SW1	1-3	Right Door Open	C1	1/2
SW2	1-10	By-pass Paper detection	F3	1/2
SW3	4-7	Waste Toner Bottle Set	F6	1/2
SW4	2-15	Tray1 Set	F6	1/2
SW5	2-12	Tray2 Paper Size	F6	1/2
SW6	8-7	Main	B5	1/2
SW7	3-8	Interlock	B5	1/2
Lamps				
L1	5-2	Pressure Roller Fusing Lamp	C5	1/2

Symbol	Index No.	Description	P to P	Page
Sensors				
S1	3-3	ID Sensors	B1	1/2
S2	10-5	Junction Paper Jam	C1	1/2
S3	10-2	Paper Exit	C1	1/2
S4	10-1	Fusing Exit	C1	1/2
S5	10-3	Paper Overflow	C1	1/2
S6	1-1	Duplex Entrance	F2	1/2
S7	1-5	Duplex Exit	F2	1/2
S8	10-10	Fusing Entrance	F3	1/2
S9	1-2	Duplex Door	F3	1/2
S10	1-8	By-pass Paper Length Sensor	F3	1/2
S11	1-9	By-pass Paper Size	F3	1/2
S12	3-6	Registration	F6	1/2
S13	4-6	Waste Toner	F6	1/2
S14	2-6	Tray1 Paper Height Sensor1	F6	1/2
S15	2-7	Tray1 Paper Height Sensor2	F6	1/2
S16	2-6	Tray2 Paper Height Sensor1	F6	1/2
S17	2-7	Tray2 Paper Height Sensor2	F6	1/2
S18	2-16	Tray1 Paper Feed	F7	1/2
S19	2-4	Tray1 Vertical Transport	F7	1/2
S20	2-1	Tray1 Paper End	F7	1/2
S21	2-2	Tray1 Paper Lift	F7	1/2
S22	2-16	Tray2 Paper feed	F7	1/2
S23	2-4	Tray2 Vertical Transport	F7	1/2
S24	2-1	Tray2 Paper End	F7	1/2
S25	2-2	Tray2 Paper Lift	F7	1/2
S26	4-11	Toner End Sensor:K	A9	1/2
S27	4-10	Toner End Sensor:Y	B9	1/2
S28	4-8	Toner End Sensor:C	B9	1/2
S29	4-9	Toner End Sensor:M	B9	1/2
S30	7-1	Drum Gear Position Sensor:K	C9	1/2
S31	7-2	Drum Gear Position Sensor:M	C9	1/2
S32	7-3	Drum Gear Position Sensor:C	C9	1/2
S33	7-4	Drum Gear Position Sensor:Y	C9	1/2
S34	6-3	ITB Rotation	C3	1/2
S35	3-7	Temperature/Humidity	E3	1/2
S36	3-1	Thermopile	D4	1/2
S37	9-9	Heating Roller Rotation	E5	1/2
S38	3-4	Pressure Roller HP	E5	1/2
S39	6-2	TD Sensor:K	D7	1/2
S40	6-4	TD Sensor:M	D7	1/2
S41	6-5	TD Sensor:C	E7	1/2
S42	6-6	TD Sensor:Y	E7	1/2
FANs				
FAN1	9-7	Third Duct	E4	1/2
FAN2	3-9	Ventilation Fan - Front	D4	1/2
FAN3	3-10	Ventilation Fan - Rear	D4	1/2
FAN4	9-10	IH Coil	E4	1/2
FAN5	9-4	Fusing	E4	1/2
FAN6	9-3	Second Duct	E4	1/2
FAN7	9-11	Paper Exit	E4	1/2
FAN8	9-6	IH Inverter	C7	1/2
FAN9	8-10	PSU FAN1	C6	1/2
FAN10	8-9	PSU FAN2	C6	1/2
FAN11	8-5	HDD	D2	2/2
Others				
TS1	5-4	Thermostat - Pressure Roller	C5	1/2
TS2	5-4	Thermostat - Pressure Roller	C5	1/2
TS3	9-1	Thermostat - IH	C6	1/2
TH1	5-3	Thermistor - Pressure Roller	C5	1/2
TH2	5-1	Thermistor - Heating Roller	C5	1/2
-	9-8	IH Coil Unit	C6	1/2

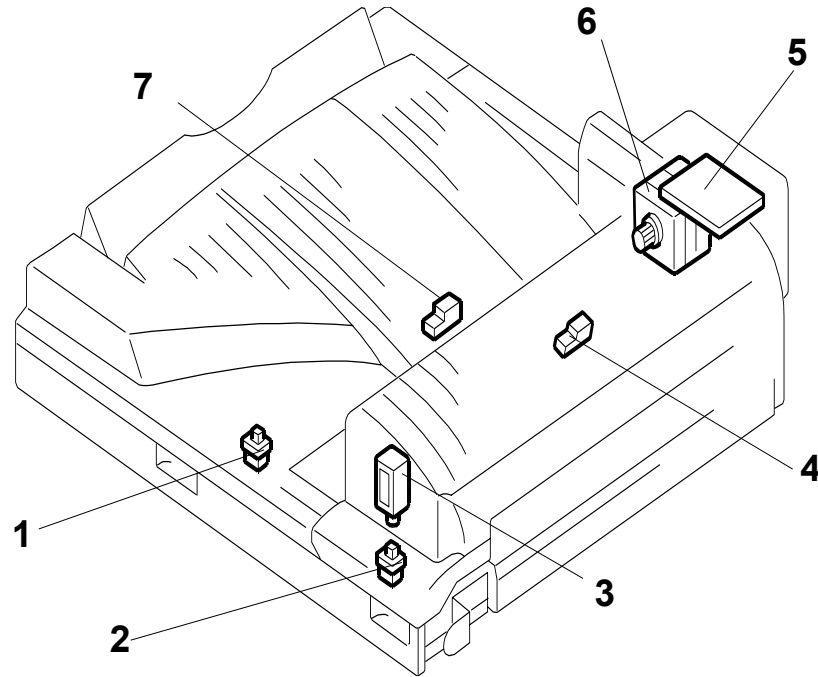
D386 POINT TO POINT DIAGRAM



SYMBOL TABLE

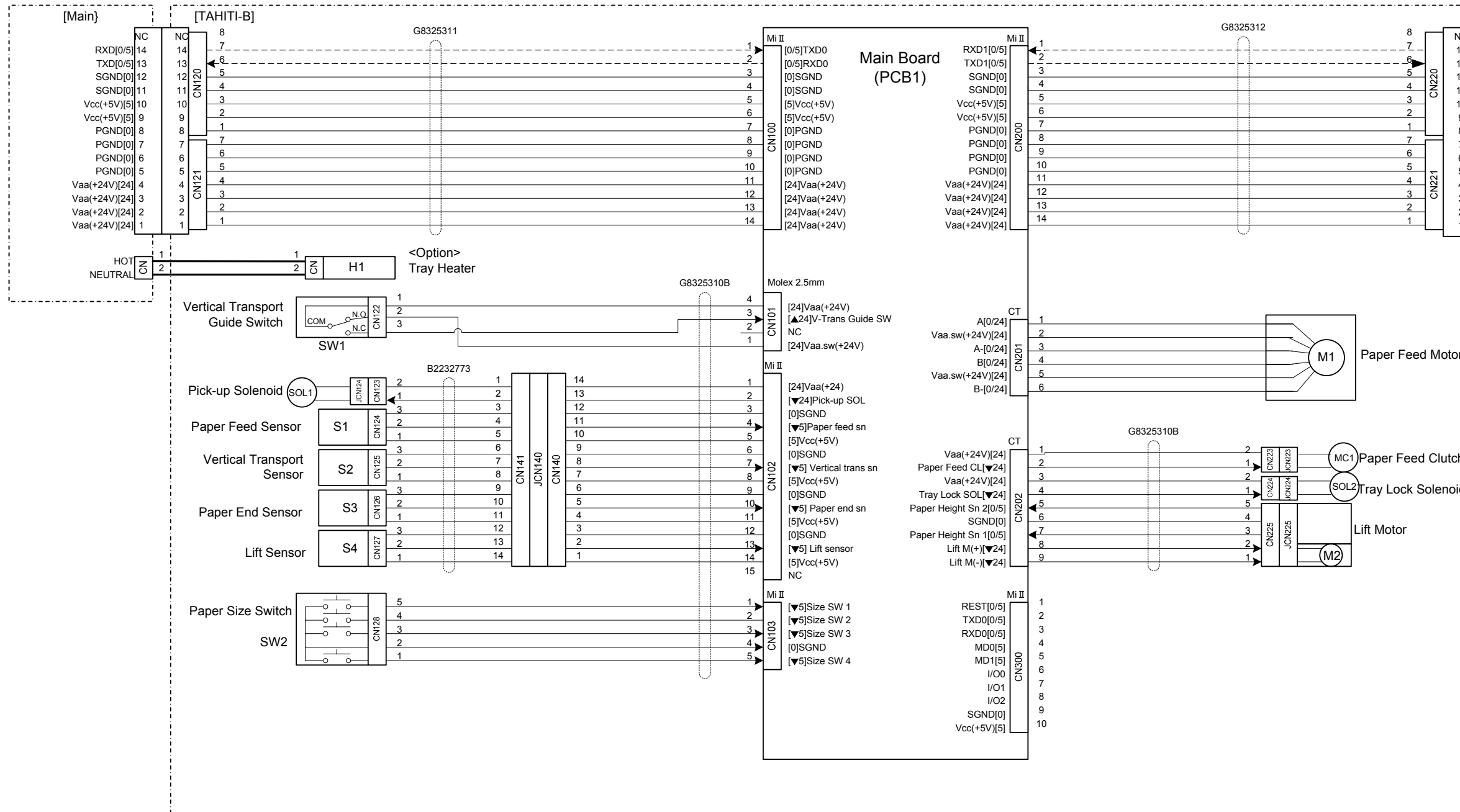
	AC LINE		High active
	DC LINE		Low active
	Pulse	[]	Voltage
	Direction		

D386 ELECTRICAL COMPONENT LAYOUT



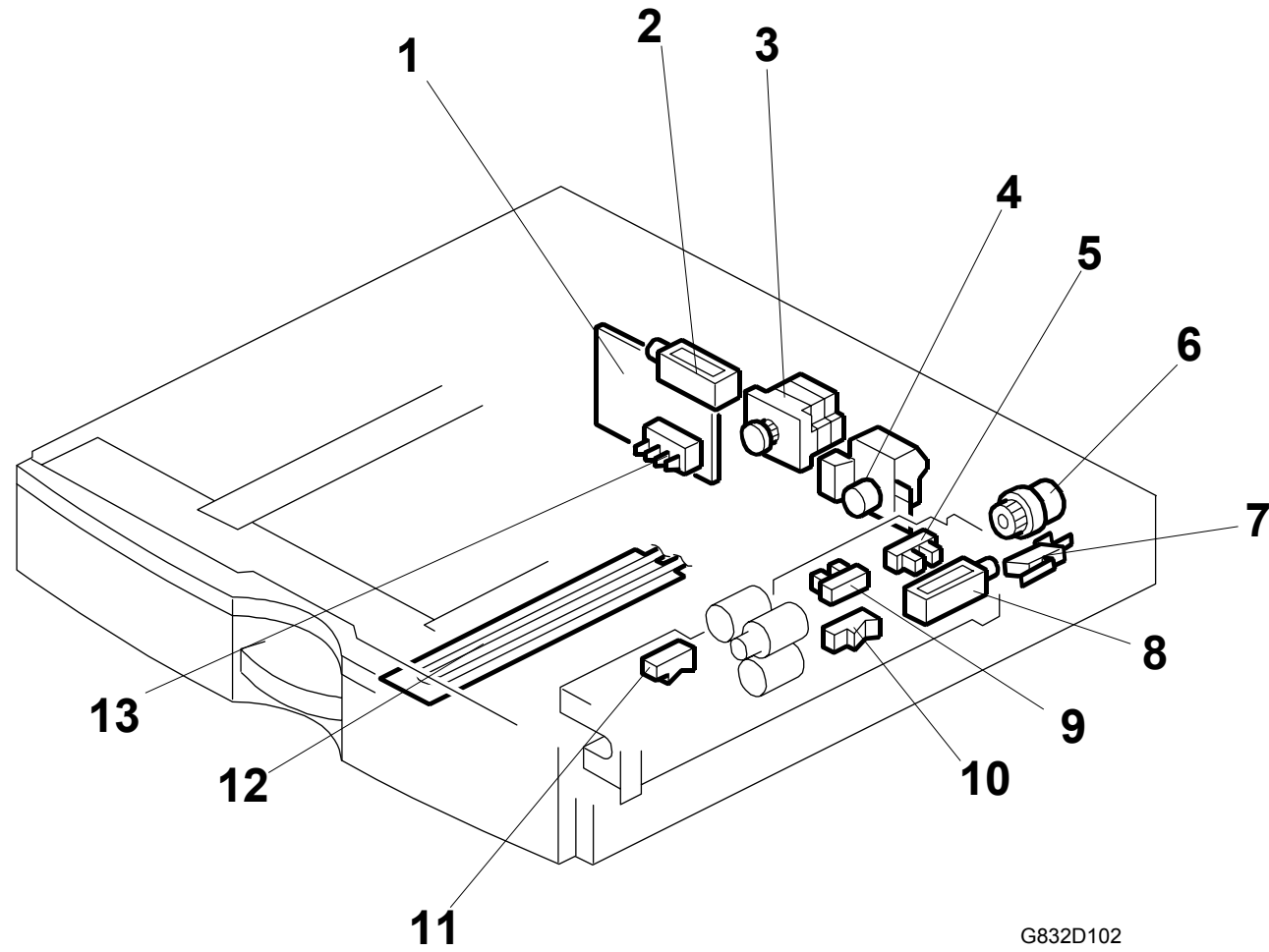
Symbol	Name	Index No.	P-to-P
Motors			
M1	Drive	6	B5
Sensors			
S1	Tray Exit	4	C5
S2	Relay	7	B5
Switches			
SW1	Right Guide	2	B5
SW2	Left Guide	1	B5
PCBs			
PCB1	Bridge Unit Control	5	B3-C4
Magnetic Clutches			
MC1	Junction Gate	3	B5

D387 POINT TO POINT DIAGRAM



SYMBOL TABLE	
	AC LINE
	DC LINE
	Pulse
	Direction
	▲ High active
	▼ Low active
	[] Voltage

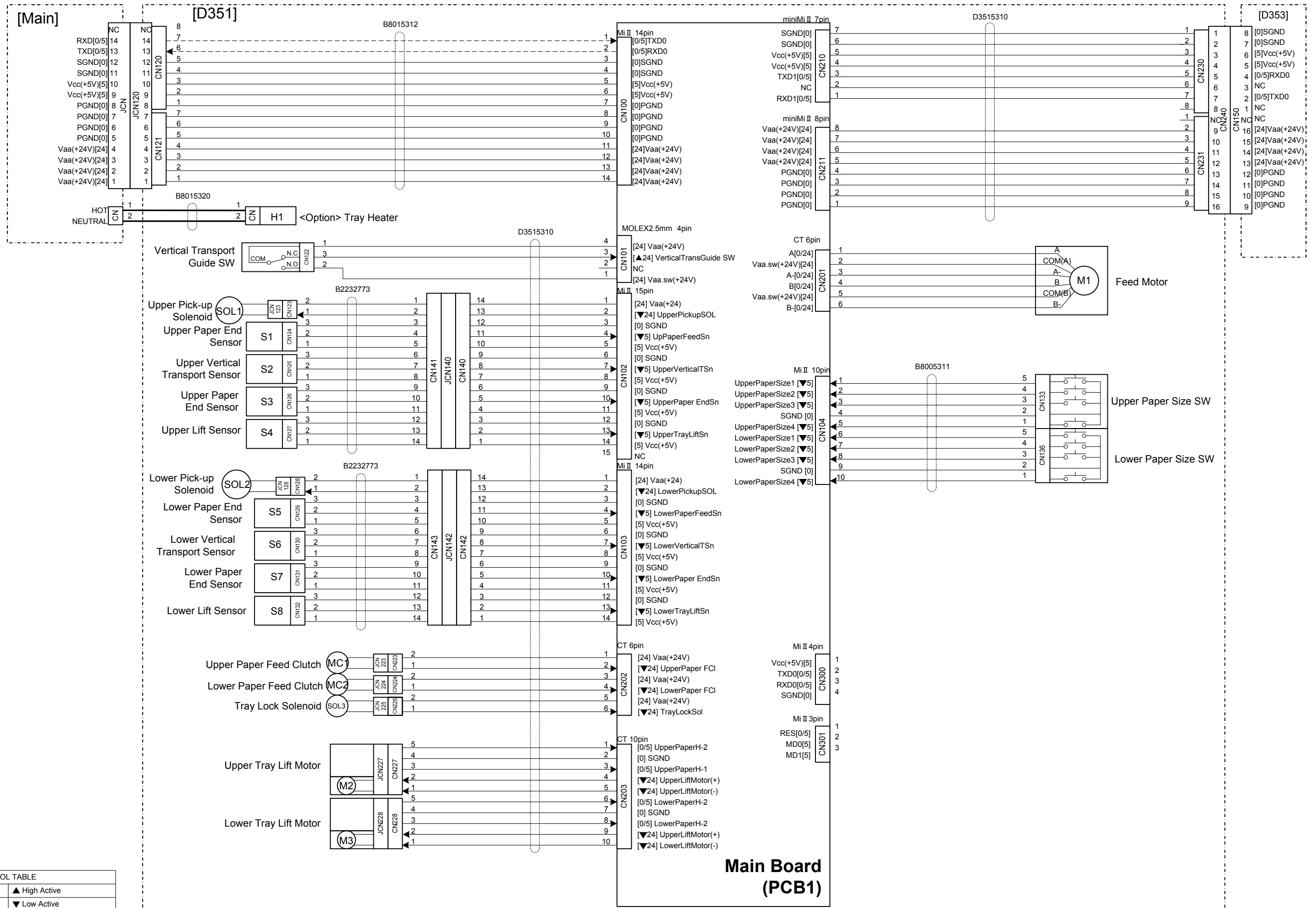
D387 ELECTRICAL COMPONENT LAYOUT



G832D102

Symbol	Name	Index No.	P-to-P
Motors			
M1	Paper Feed	3	C8
M2	Tray Lift	4	D8
Sensors			
S1	Paper Feed	11	D3
S2	Vertical Transport	10	D3
S3	Paper End	9	D3
S4	Lift	5	D3
Solenoids			
SOL1	Pick-up	8	D2
SOL2	Tray Lock	2	D8
Switches			
SW1	Vertical Transport Guide	7	C3
SW2	Paper Size	13	E2
Magnetic Clutches			
MC1	Paper Feed	6	D8
PCBs			
PCB1	Main Board	1	B6
Others			
H1	Optional Tray Heater	12	C3

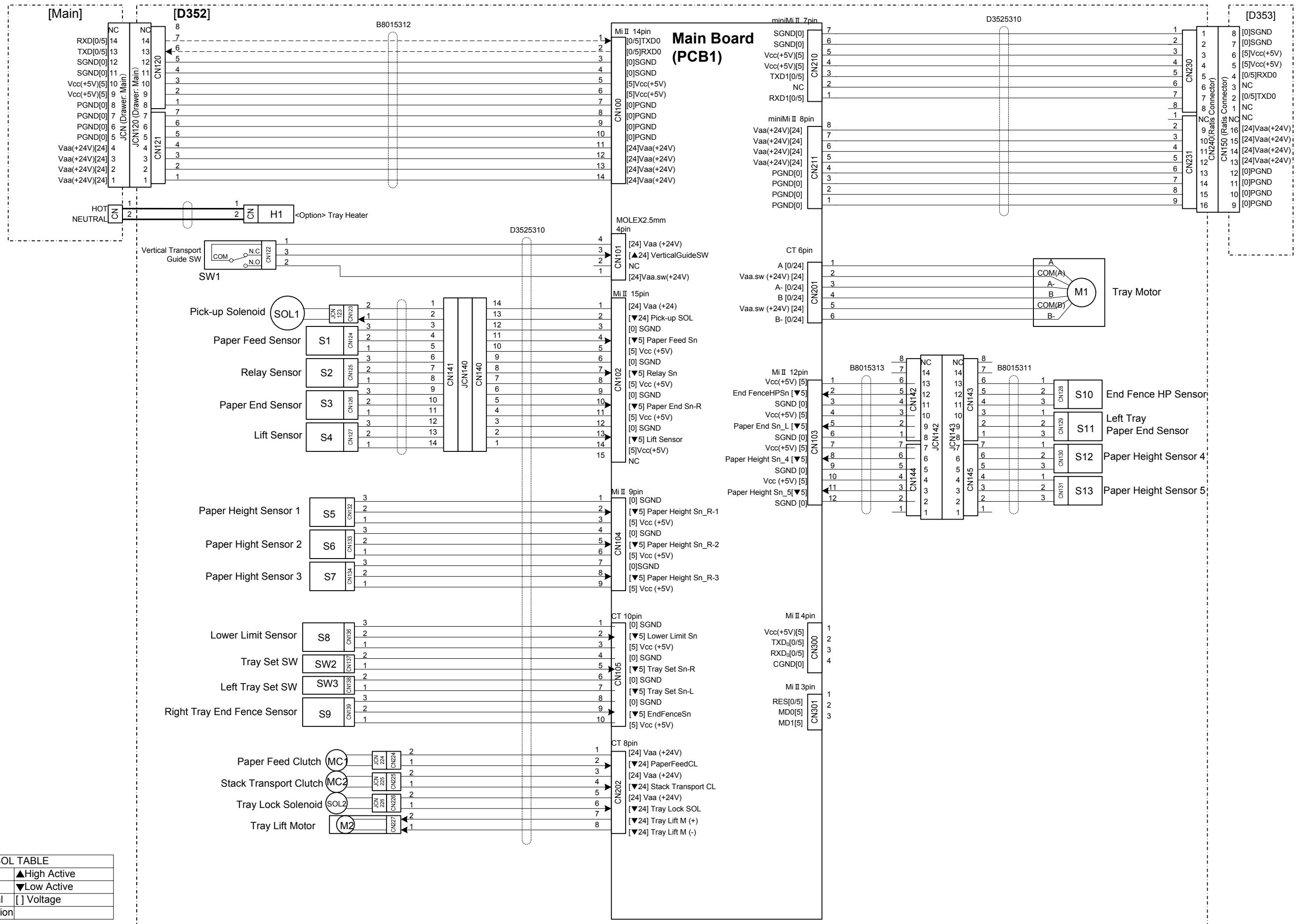
D351 POINT TO POINT DIAGRAM



SYMBOL TABLE	
— AC LINE	▲ High Active
— DC LINE	▼ Low Active
..... Pulse Signal	[] Voltage
→ Signal Direction	

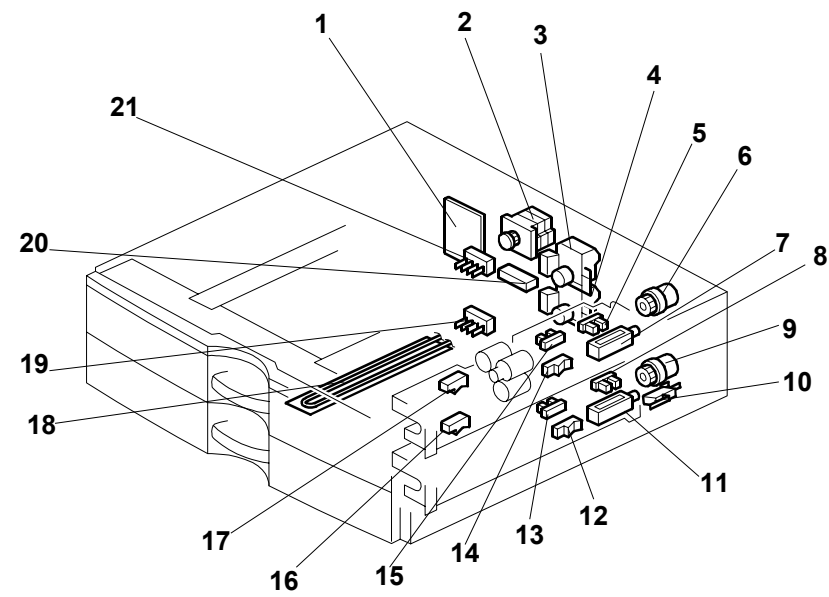
Main Board (PCB1)

D352 POINT TO POINT DIAGRAM



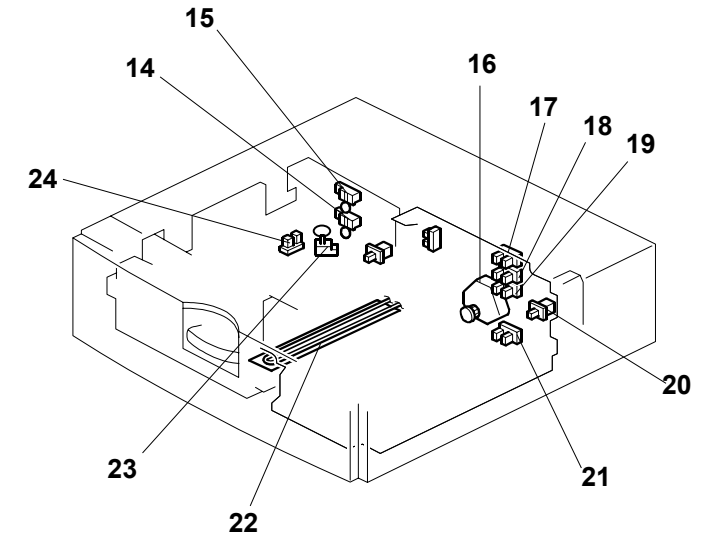
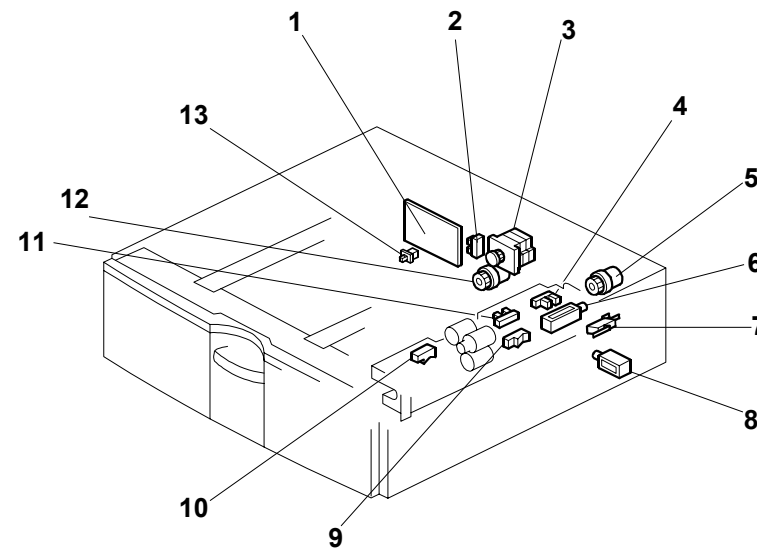
SYMBOL TABLE	
— AC LINE	▲ High Active
— DC LINE	▼ Low Active
--- Pulse Signal	[] Voltage
→ Signal Direction	

ELECTRICAL COMPONENT LAYOUT (D351)



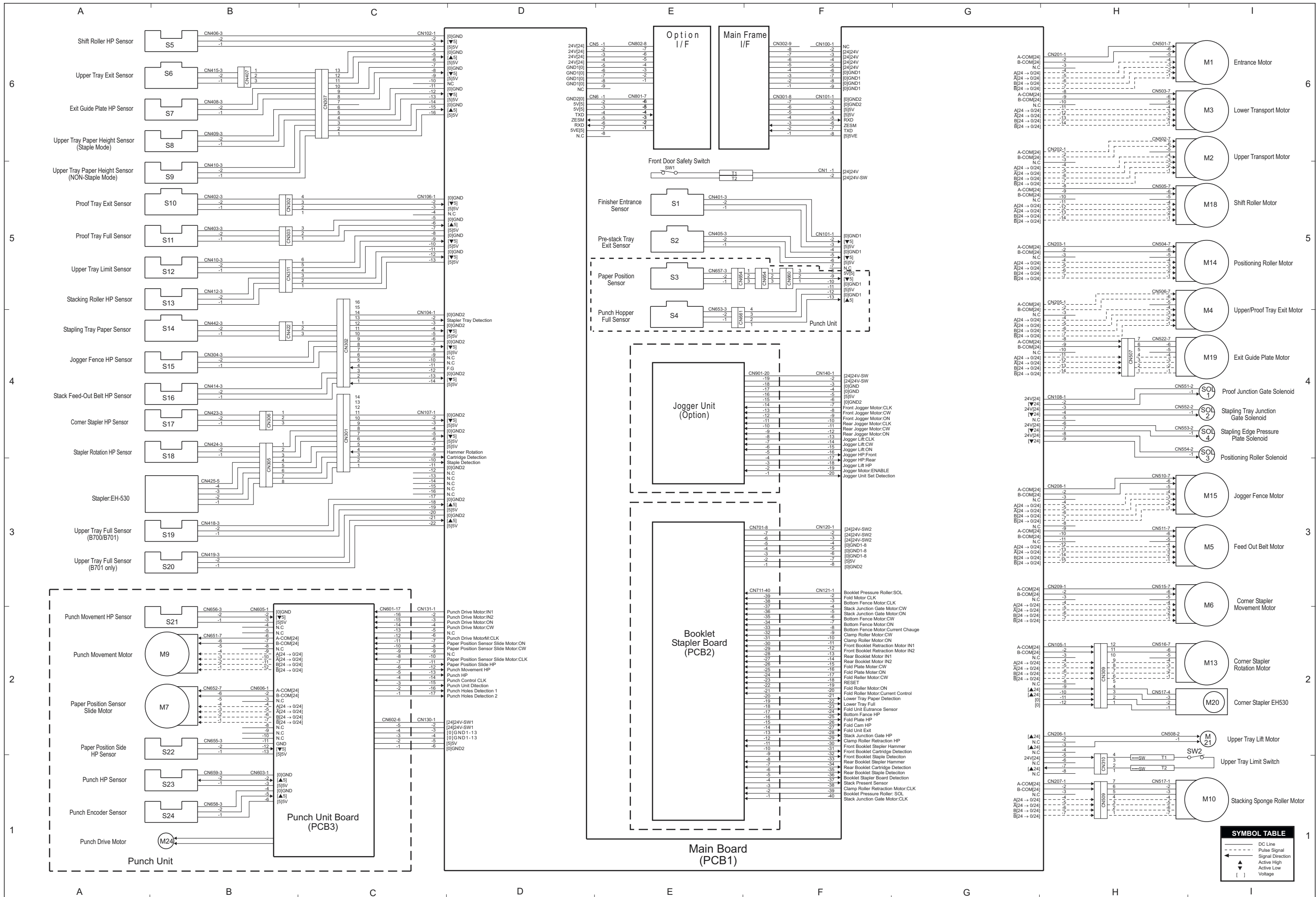
Symbol	Name	Index No.	P-to-P
Motors			
M1	Feed Motor	2	B7
M2	Upper Tray Lift Motor	3	E3
M3	Lower Tray Lift Motor	4	E3
Sensors			
S1	Upper Paper Feed	17	C2
S2	Upper Vertical Transport 1	14	C2
S3	Upper Paper End	15	C2
S4	Upper Lift	5	C2
S5	Lower Paper Feed	16	D2
S6	Lower Vertical Transport 2	12	D2
S7	Lower Paper End	13	D2
S8	Lower Lift	8	D2
Solenoids			
SOL1	Upper Pick-up	7	C2
SOL2	Lower Pick-up	11	D2
SOL3	Tray Lock	20	E3
Switches			
SW1	Upper Paper Size	21	C7
SW2	Lower Paper Size	19	C7
SW3	Vertical Transport Guide	10	B2
Magnetic Clutches			
MC1	Upper Paper Feed	6	E3
MC2	Lower Paper Feed	9	E3
PCBs			
PCB1	Main Board	1	A5-F5
Others			
H1	Optional Tray Heater	18	B2-3

ELECTRICAL COMPONENT LAYOUT (D352)

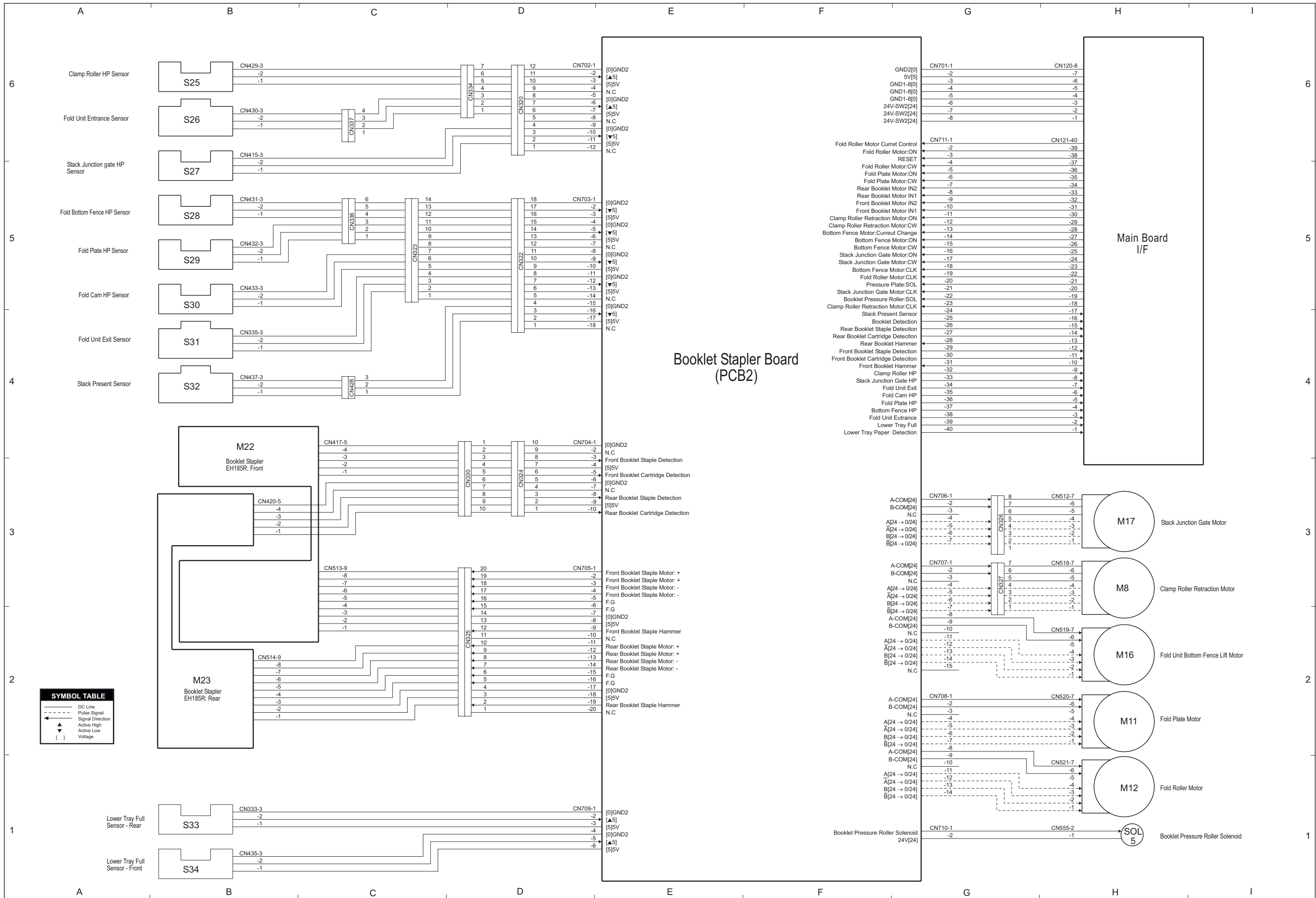


Symbol	Name	Index No.	P-to-P
Motors			
M1	Tray Motor	3	B7
M2	Tray Lift Motor	16	E3
Sensors			
S1	Paper Feed	10	C2
S2	Relay	9	C2
S3	Paper End	11	C2
S4	Lift	4	C2
S5	Paper Height 1	17	D2
S6	Paper Height 2	18	D2
S7	Paper Height 3	19	D2
S8	Lower Limit	21	D2
S9	Right Tray End Fence	2	E2
S10	End Fence HP	24	C7
S11	Left Tray Paper	23	C7
S12	Paper Height 4	15	C7
S13	Paper Height 5	14	D7
Solenoids			
SOL1	Pick-up	6	C2
SOL2	Tray Lock	8	E3
Switches			
SW1	Vertical Guide	7	B2
SW2	Right Tray Set	20	E2
SW3	Left Tray set	13	E2
Magnetic Clutches			
MC1	Paper Feed	5	E3
MC2	Stack Transport	12	E3
PCBs			
PCB1	Main Board	1	A5-F5
Others			
H1	Optional Tray Heater	22	B2-3

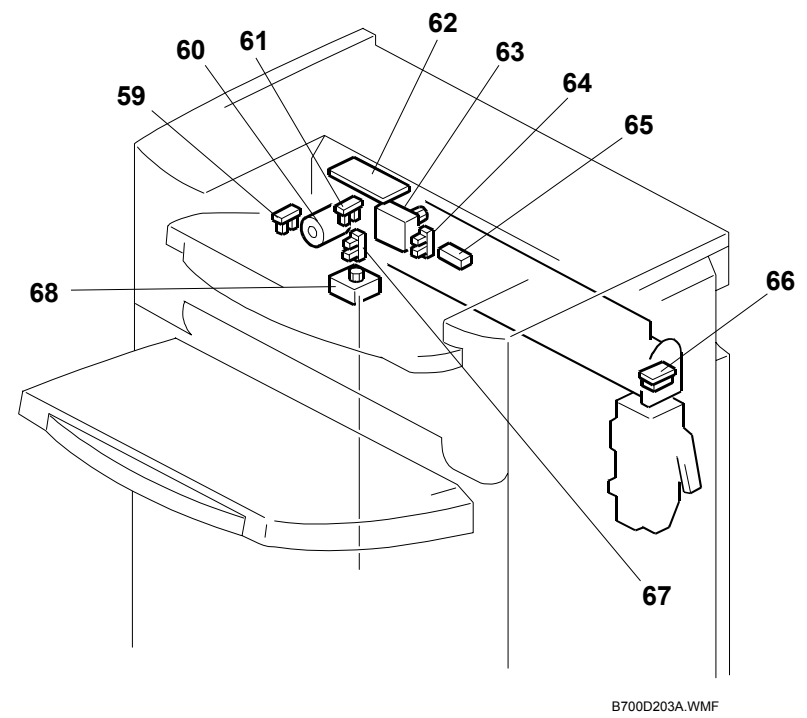
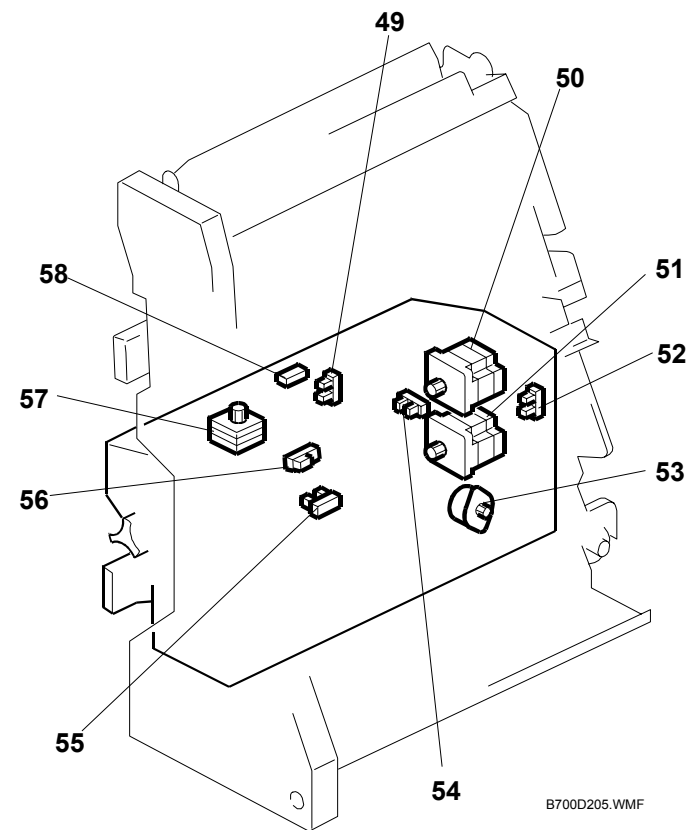
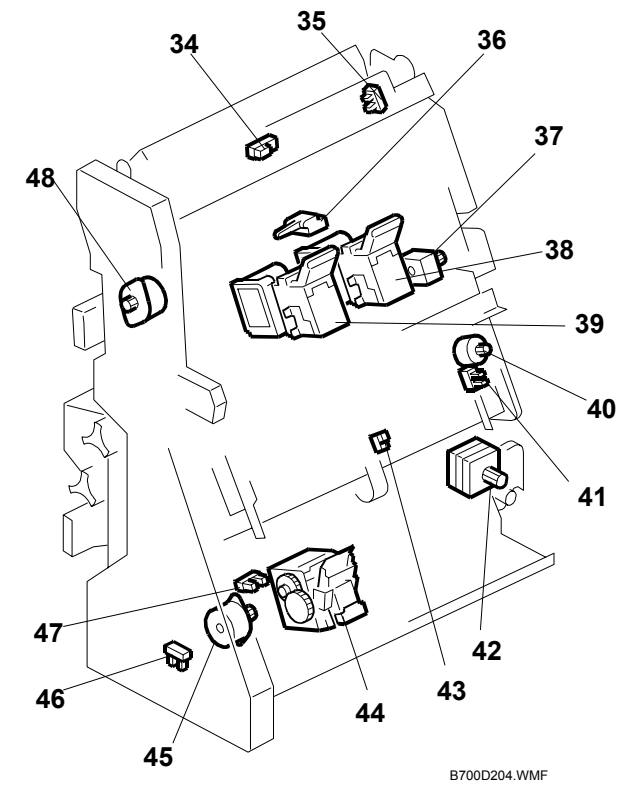
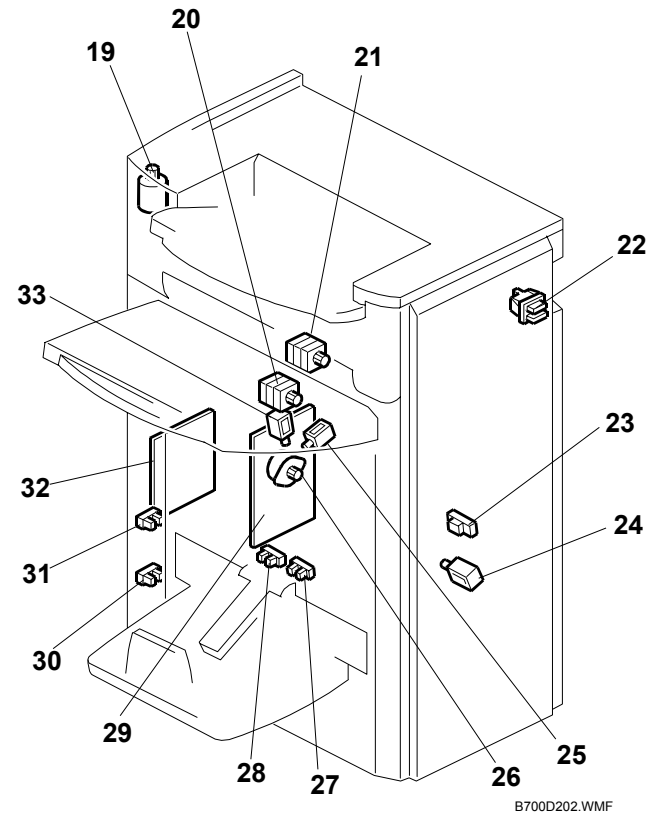
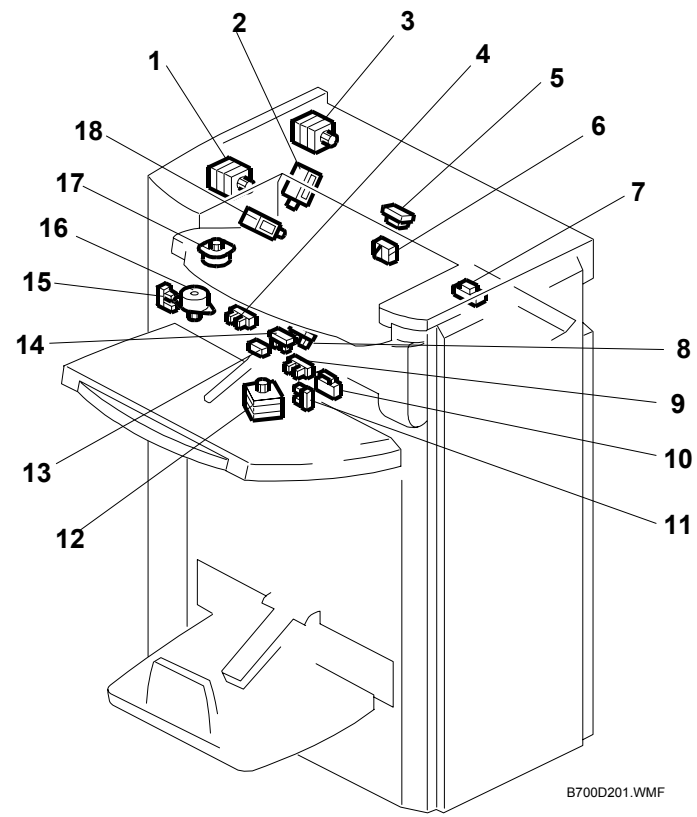
2000/3000 SHEET FINISHER(B804/B805)POINT TO POINT DIAGRAM(1/2)



2000/3000 SHEET FINISHER(B804/B805)POINT TO POINT DIAGRAM(2/2)



2000/3000 SHEET FINISHER (B804/B805) ELECTRICAL COMPONENT LAYOUT (1/2)

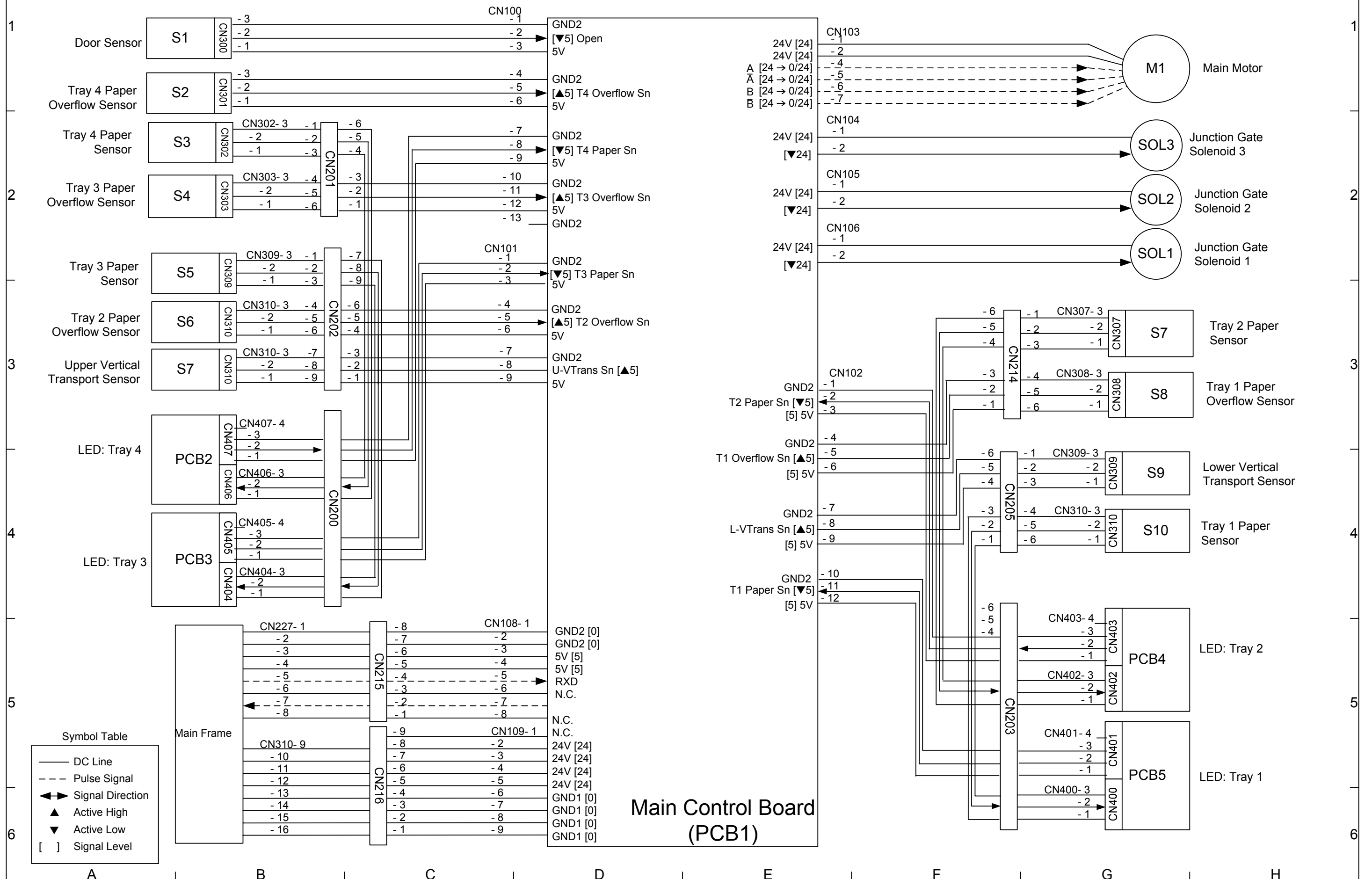


2000/3000 SHEET FINISHER (B804/B805) ELECTRICAL COMPONENT LAYOUT (2/2)

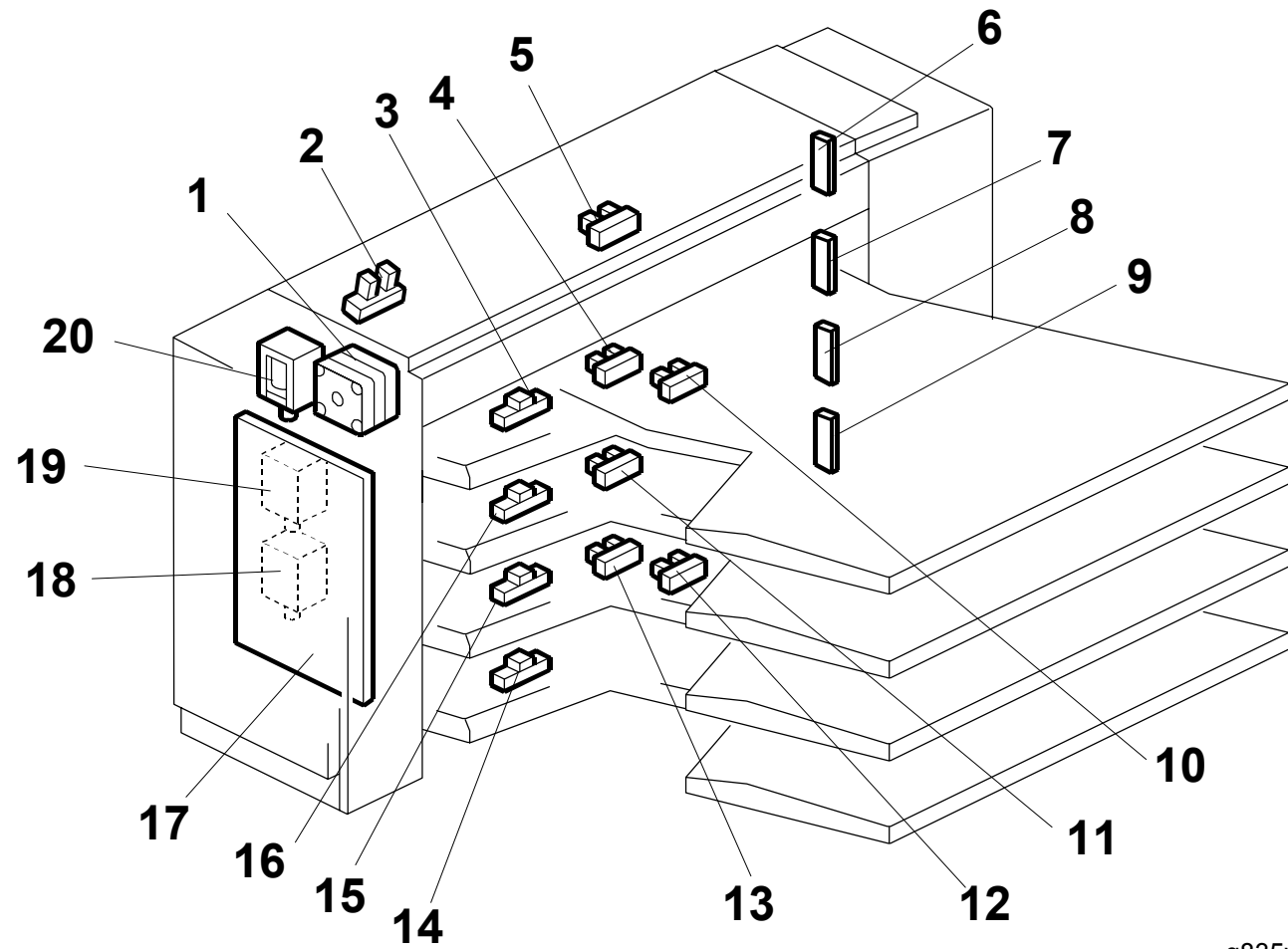
Symble	Name	Index No.	P to P	Page
Boards (PCB)				
PCB1	Main Board	29	E1	1/2
PCB2	Booklet Stapler Board	32	E4	2/2
PCB3	Punch Unit Board	62	C1	1/2
Motors				
M1	Entrance Motor	21	I6	1/2
M2	Upper Transport Motor	3	I5	1/2
M3	Lower Transport Motor	20	I6	1/2
M4	Upper/Proof Tray Exit Motor	1	I4	1/2
M5	Feed Out Belt Motor	37	I3	1/2
M6	Corner Stapler Movement Motor	42	I2	1/2
M7	Paper Position Sensor Slide	63	B2	1/2
M8	Clamp Roller Retraction Motor	57	H3	2/2
M9	Punch Movement Motor	68	B2	1/2
M10	Stacking Sponge Roller Motor	12	I1	1/2
M11	Fold Plate Motor	51	H2	2/2
M12	Fold Roller Motor	50	H1	2/2
M13	Corner Stapler Rotation Motor	45	I2	1/2
M14	Positioning Roller Motor	26	I5	1/2
M15	Jogger Fence Motor	40	I3	1/2
M16	Fold Unit Bottom Fence Lift	53	H2	2/2
M17	Stack Junction Gate Motor	48	H3	2/2
M18	Shift Roller Motor	16	I5	1/2
M19	Exit Guide Plate Motor	17	I4	1/2
M20	Corner Stapler EH530	44	I2	1/2
M21	Upper Tray Lift Motor	19	I2	1/2
M22	Booklet Stapler EH185R: Front	39	B3	1/2
M23	Booklet Stapler EH185R: Rear	38	B2	1/2
M24	Punch Drive Motor	60	B1	1/2

Symble	Name	Index No.	P to P	Page
Sensors				
S1	Finisher Entrance Sensor	7	E5	1/2
S2	Pre-stack Tray Exit Sensor	23	E5	1/2
S3	Paper Position Sensor	65	E5	1/2
S4	Punch Hopper Full Sensor	66	E4	1/2
S5	Shift Roller HP Sensor	15	B6	1/2
S6	Upper Tray Exit Sensor	13	B6	1/2
S7	Exit Guide Plate HP Sensor	4	B6	1/2
S8	Upper Tray Paper Height Sensor (Staple Mode)	14	B6	1/2
S9	Upper Tray Paper Height Sensor (Non-Staple Mode)	8	B5	1/2
S10	Proof Tray Exit Sensor	5	B5	1/2
S11	Proof Tray Full Sensor	6	B5	1/2
S12	Upper Tray Limit Sensor	9	B5	1/2
S13	Stacking Roller HP Sensor	11	B5	1/2
S14	Stapling Tray Paper Sensor	43	B4	1/2
S15	Jogger Fence HP Sensor	41	B4	1/2
S16	Stack Feed-Out Belt HP Sensor	36	B4	1/2
S17	Corner Stapler HP Sensor	46	B4	1/2
S18	Stapler Rotation HP Sensor	47	B4	1/2
S19	Upper Tray Full Sensor	31	B3	1/2
S20	Upper Tray Full Sensor (B805	30	B3	1/2
S21	Punch Movement HP Sensor	67	B2	1/2
S22	Paper Position Side HP Sensor	64	B2	1/2
S23	Punch HP Sensor	61	B1	1/2
S24	Punch Encoder Sensor	59	B1	1/2
S25	Clamp Roller HP Sensor	49	B6	2/2
S26	Fold Unit Entrance Sensor	56	B6	2/2
S27	Stack Junction Gate HP Sensor	35	B5	2/2
S28	Fold Bottom Fence HP Sensor	55	B5	2/2
S29	Fold Plate HP Sensor	52	B5	2/2
S30	Fold Cam HP Sensor	54	B5	2/2
S31	Fold Unit Exit Sensor	58	B4	2/2
S32	Stack Present Sensor	34	B4	2/2
S33	Lower Tray Full Sensor - Rear	28	B1	2/2
S34	Lower Tray Full Sensor - Front	27	B1	2/2
Soleno				
SOL1	Proof Junction Gate Solenoid	18	I4	1/2
SOL2	Stapling Tray Junction Gate	2	I4	1/2
SOL3	Positioning Roller Solenoid	25	I4	1/2
SOL4	Stapling Edge Pressure Plate Solenoid	24	I4	1/2
SOL5	Booklet Pressure Roller	33	H5	2/2
Switch				
SW1	Front Door Safety Switch	22	E5	1/2
SW2	Upper Tray Limit SW	10	I1	1/2

G835 POINT TO POINT DIAGRAM



G835 ELECTRICAL COMPONENT LAYOUT



g835v103

Symbols	Description	Index No.	P-to-P
Motors			
M1	Main	1	G1
Sensors			
S1	Door Sensor	2	B1
S2	Tray 4 Paper Overflow	5	B1
S3	Tray 4 Paper	3	B2
S4	Tray 3 Paper Overflow	4	B2
S5	Tray 3 Paper	16	B2
S6	Tray 2 Paper Overflow	11	B3
S7	Upper Vertical	10	B3
S8	Tray 2 Paper	15	G3
S9	Tray 1 Paper Overflow	13	G3
S10	Lower Vertical	12	G4
S11	Tray 1 Paper	14	G4
Solenoids			
SOL1	Junction Gate Solenoid	18	G2
SOL2	Junction Gate Solenoid	19	G2
SOL3	Junction Gate Solenoid	20	G2
PCBs			
PCB1	Main Control	17	E6
PCB2	LED: Tray 4	6	B4
PCB3	LED: Tray 3	7	B4
PCB4	LED: Tray 2	8	G5
PCB5	LED: Tray 1	9	G5