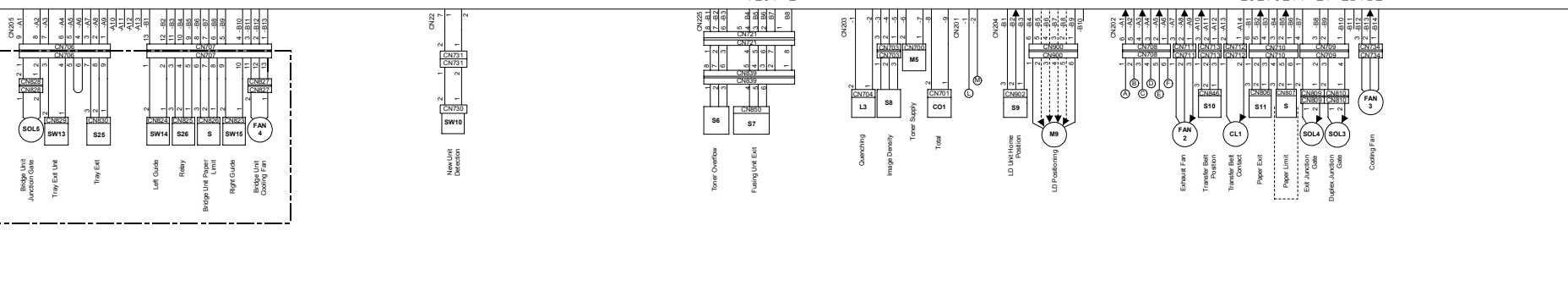
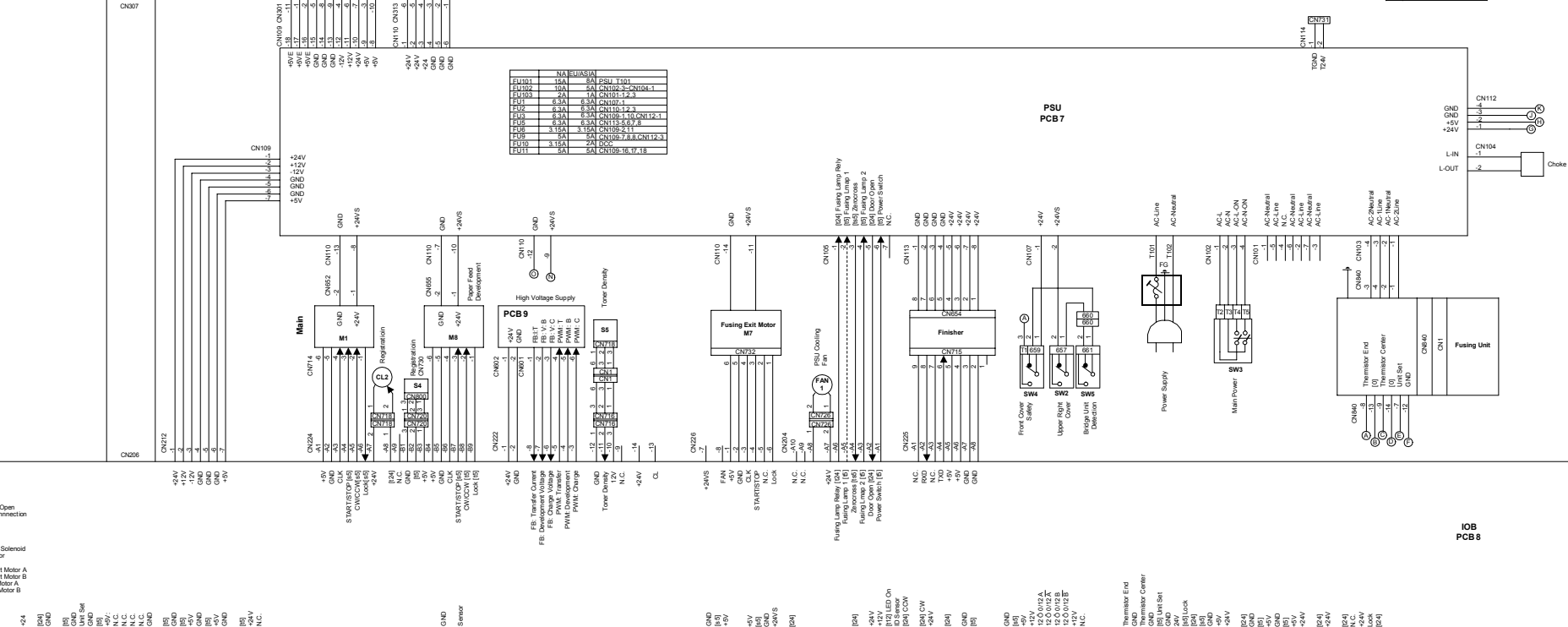
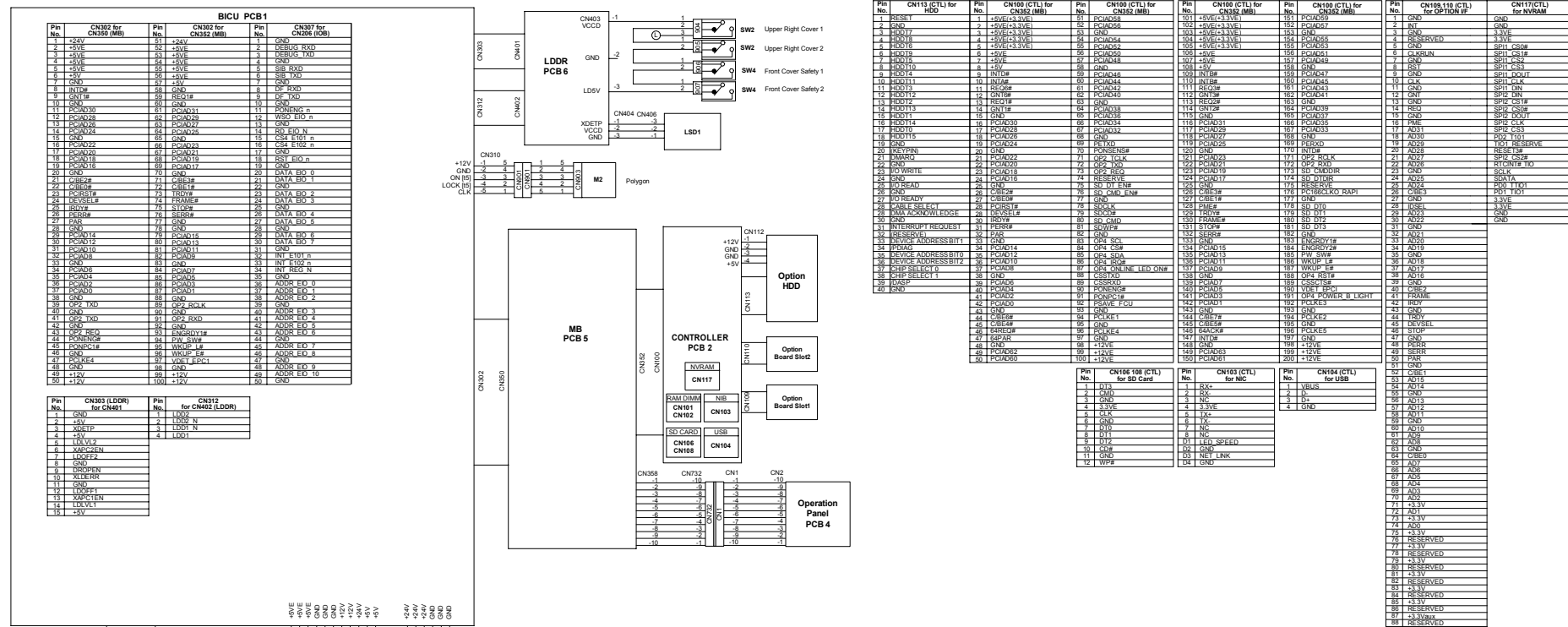
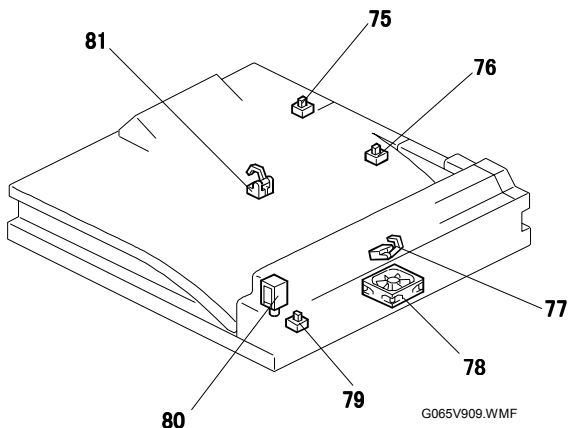
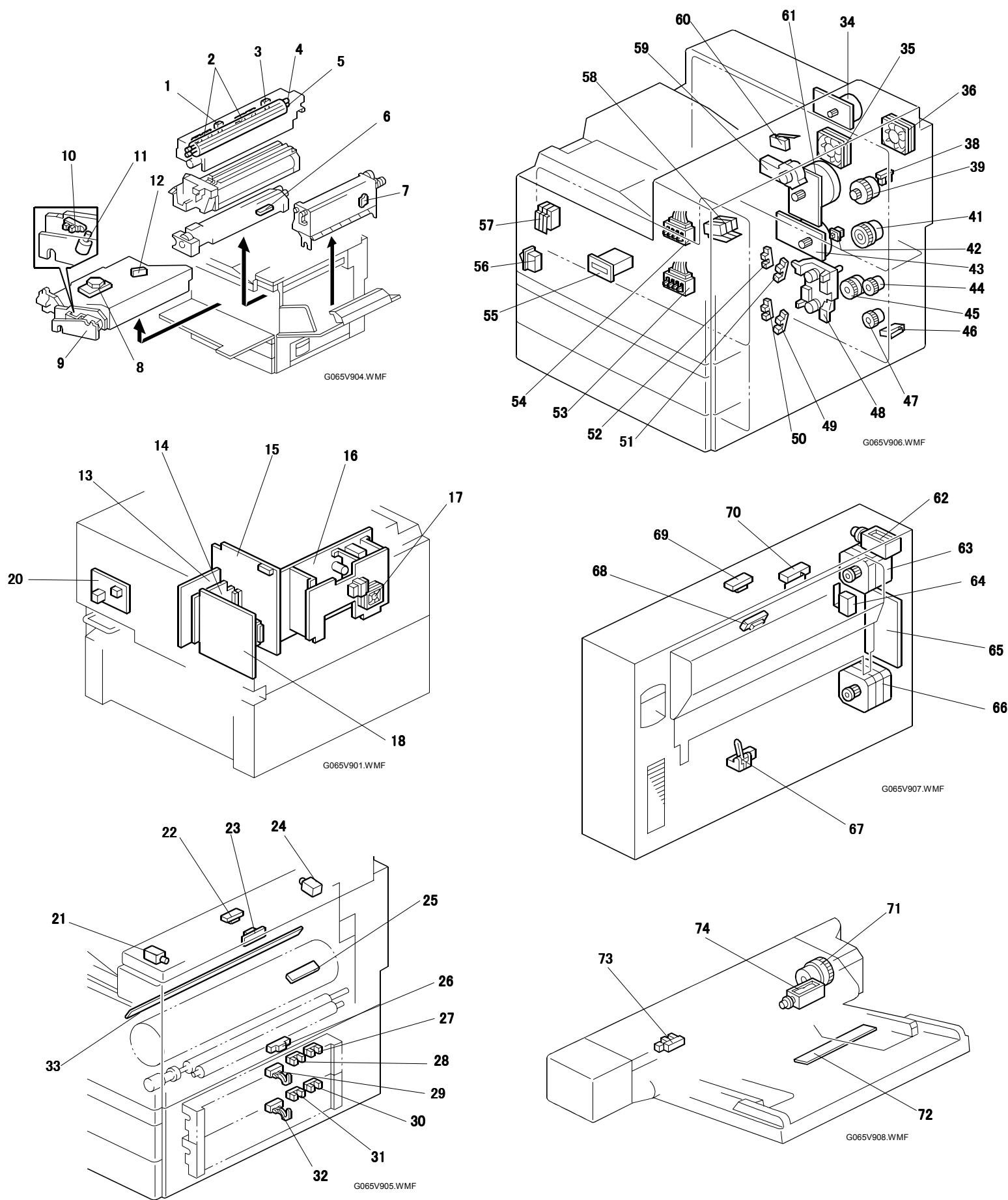


G147 Point to Point Diagram



SYMBOL TABLE	
—	DC Line
- - -	Pulse Signal
→	Signal Direction
s	Active High
t	Active Low
[]	Voltage

G147 ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
FANs			
FAN1	17	PSU Cooling	E6
FAN2	36	Exhaust	G7
FAN3	35	Cooling	F8
FAN4	78	Bridge Unit Cooling	F4
Clutches			
CL1	39	Transfer Belt Contact	G7
CL2	41	Registration	E4
CL3	45	Relay	E10
CL4	44	Upper Paper Feed	E10
CL5	47	Lower Paper Feed	E10
CL6	71	By-pass Paper Feed	C10
Lamps			
L1	4	Fusing (end)	(E8)
L2	5	Fusing (center)	(E8)
L3	33	Quenching Lamp	F6
Thermistors			
TH1	1	Fusing (center)	(E8)
TH2	3	Fusing (end)	(E8)
Thermostat			
TS1	2	Fusing	
Others			
LSD1	12	Laser Synchronization Detector	B5
CO1	55	Total Counter	F6

Symbol	Index No.	Name	P-to-P
Motors			
M1	61	Main	E4
M2	8	Polygon	B5
M3	66	Transport	F1
M4	63	Inverter	F1
M5	59	Toner Supply	F6
M6	48	Tray Lift	D10
M7	34	Fusing Exit	E6
M8	43	Paper Feed Development	E4
M9	11	LD Positioning	F7
Sensors			
S1	67	Duplex Unit Exit	E1
S2	68	Inverter	F1
S3	69	Duplex Unit Entrance	F1
S4	26	Registration	E4
S5	6	Toner Density	E5
S6	7	Toner Overflow	F5
S7	23	Fusing Unit Exit	F6
S8	25	Image Density	F6
S9	10	LD Unit Home Position	F7
S10	38	Transfer Belt Position	F7
S11	22	Paper Exit	F8
S13	52	Upper Paper Height 1	B10
S14	51	Upper Paper Height 2	B10
S15	50	Lower Paper Height 1	B10
S16	49	Lower Paper Height 2	B10
S17	27	Upper Paper Lift	B10
S18	29	Upper Relay	B10
S19	28	Upper Paper End	C10
S20	30	Lower Paper Lift	C10
S21	32	Lower Relay	C10
S22	31	Lower Paper End	C10
S23	72	By-pass Paper Size	C10
S24	73	By-pass Paper End	C10
S25	77	Tray Exit	F3
S26	81	Relay	F3
Solenoids			
SOL1	62	Inverter Gate	F1
SOL2	74	By-pass Pick-up	C10
SOL3	21	Duplex Junction Gate	F8
SOL4	24	Exit Junction Gate	F8
SOL5	80	Bridge Unit Junction Gate	F3
Switches			
SW1	46	Lower Right Cover	B10
SW2	58	Upper Right Cover	E7
SW3	56	Main Power	E7
SW4	57	Front Cover Safety	E7
SW5	60	Bridge Unit Detection	E7
SW6	64	Duplex Unit Open	E1
SW7	54	Upper Paper Size	D10
SW8	53	Lower Paper Size	D10
SW9	70	Duplex Cover Open	E1
SW10	42	New Unit Detection	F4
SW13	79	Tray Exit Unit	F3
SW14	75	Left Guide	F3
SW15	76	Right Guide	F4
PCBs			
PCB1	15	BICU	A4
PCB2	18	Controller	B5
PCB4	-	Operation Panel	C6
PCB5	14	MB	B5
PCB6	9	LDDR	A5
PCB7	16	PSU	D7
PCB8	13	IOB	F8
PCB9	20	High Voltage Supply	E5
PCB10	65	Duplex Main	F2