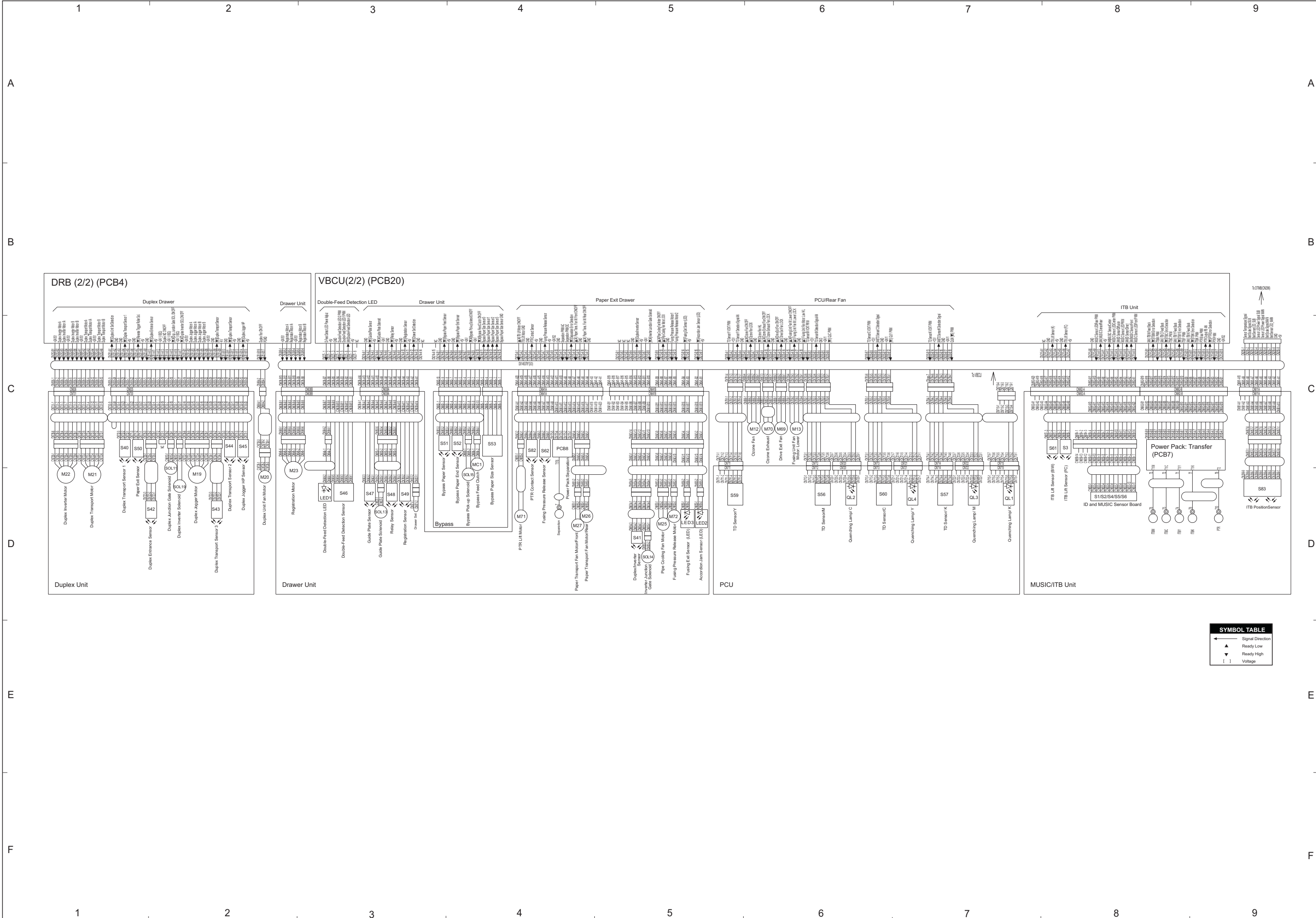
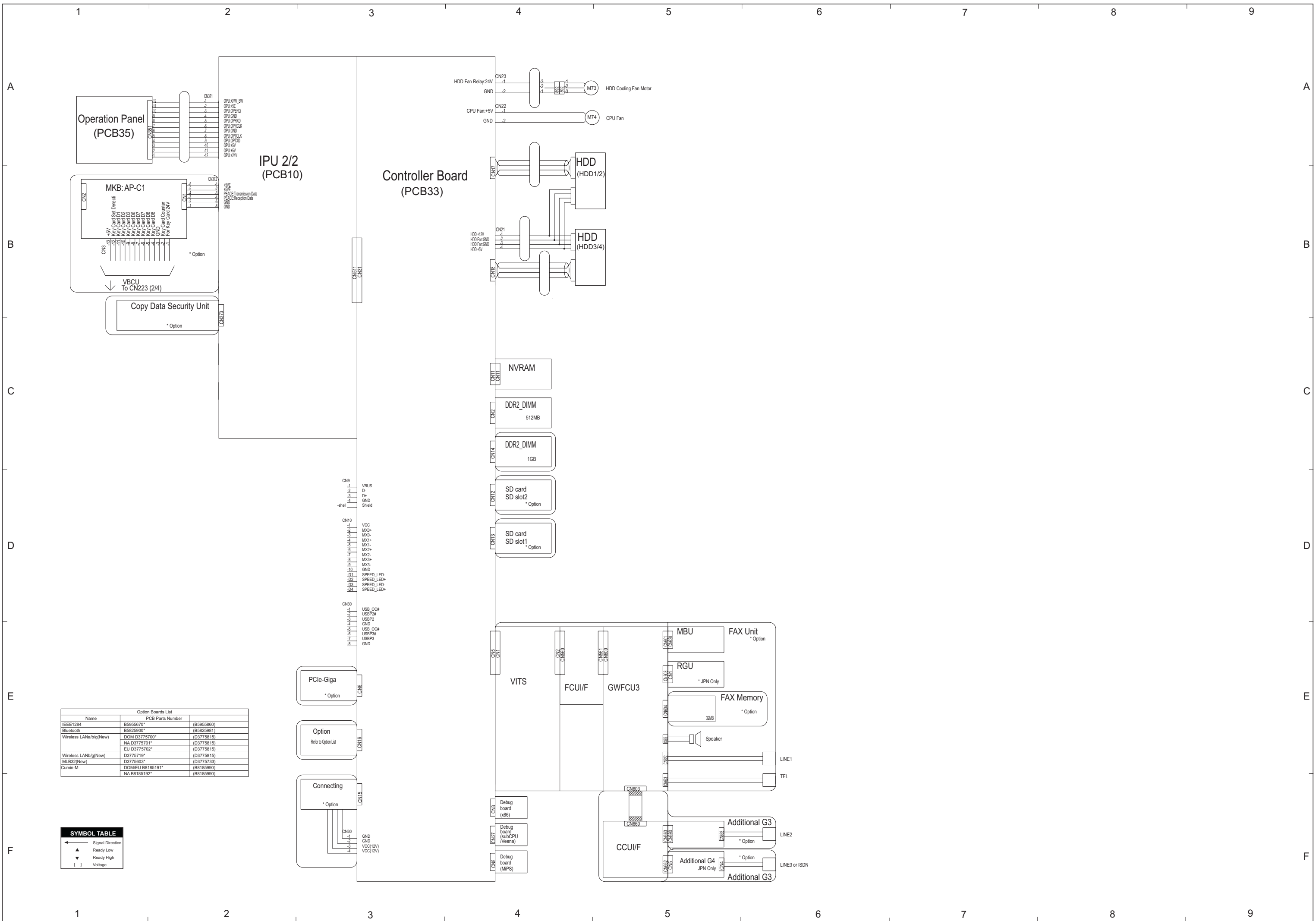


D014/D015/D078/D079 POINT TO POINT DIAGRAM



D014/D015/D078/D079 POINT TO POINT DIAGRAM



Option Boards List

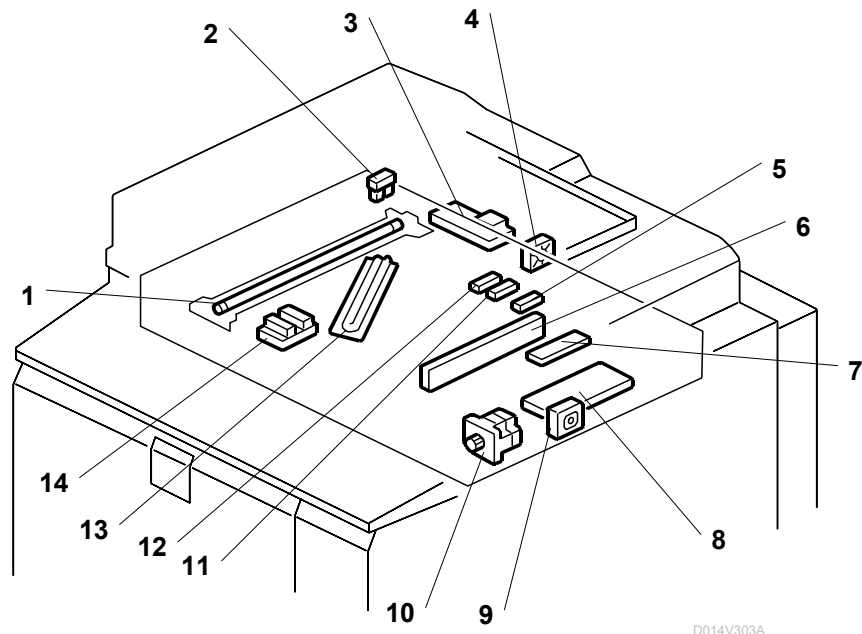
Name	PCB Parts Number	(B5955860)
IEEE1284	B5955670*	(B5955860)
Bluetooth	B5825900*	(B5825981)
Wireless LANa/bg(New)	DOM D3775700*	(D3775815)
	NA D3775701*	(D3775815)
	EU D3775702*	(D3775815)
Wireless LANb/bg(New)	D3775719*	(D3775815)
MLB32(New)	D3775603*	(D3775733)
Cumin-M	DOM/EU B8185191*	(B8185990)
	NA B8185192*	(B8185990)

SYMBOL TABLE

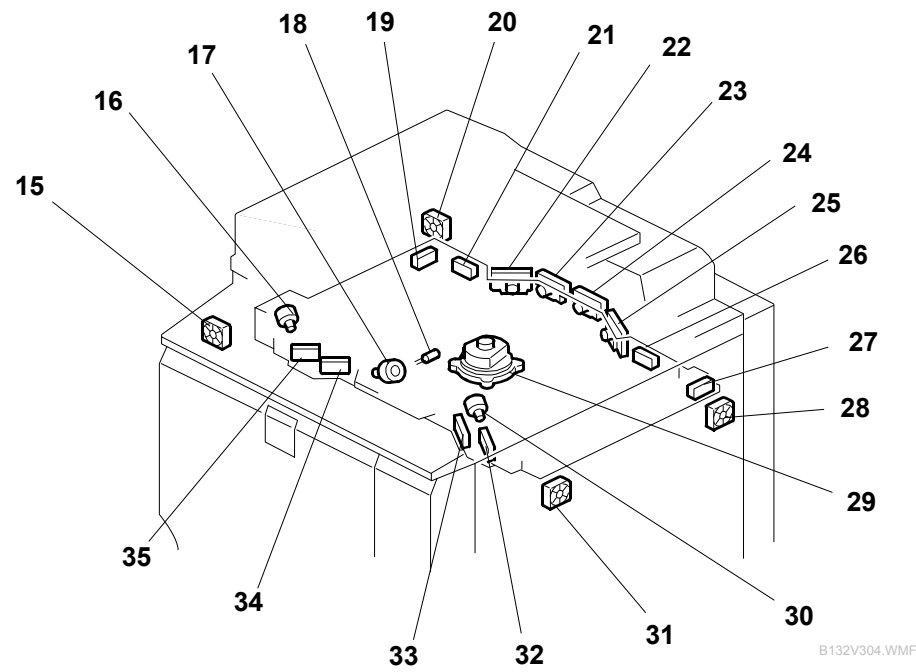
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▲	Ready Low
▼	Ready High
[]	Voltage

D014/D015/D078/D079 ELECTRICAL COMPONENT LAYOUT (1/4)

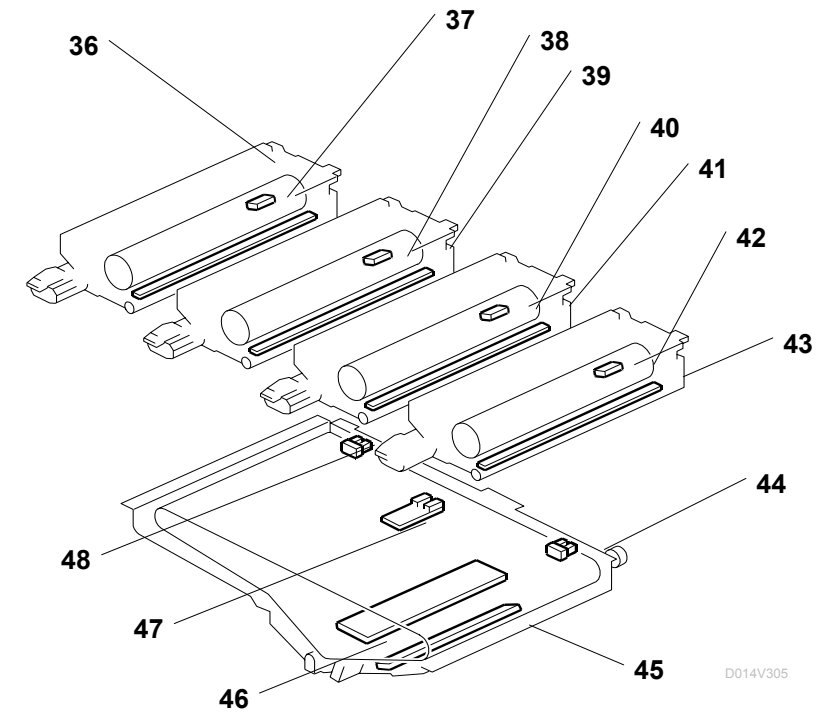
Rev. 04/2008



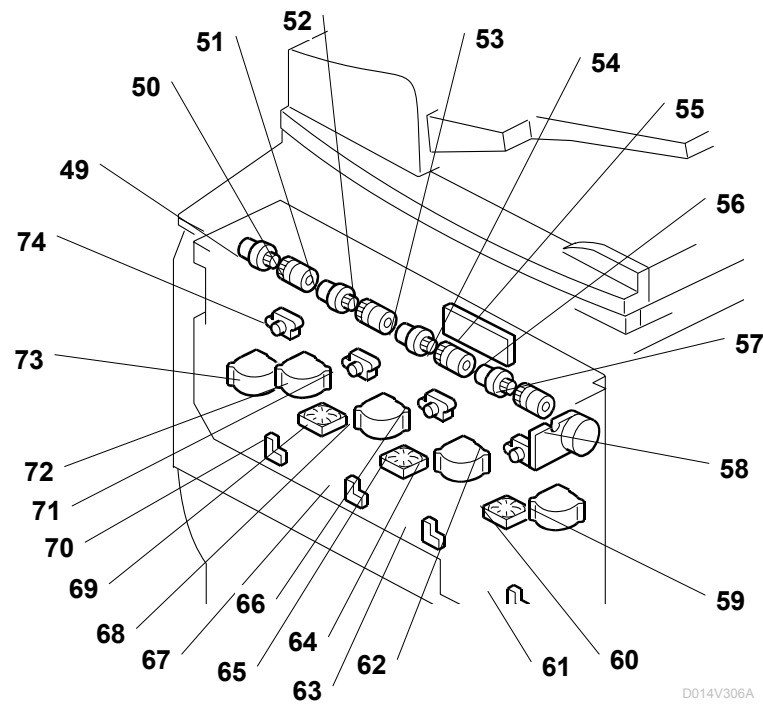
D014V303A



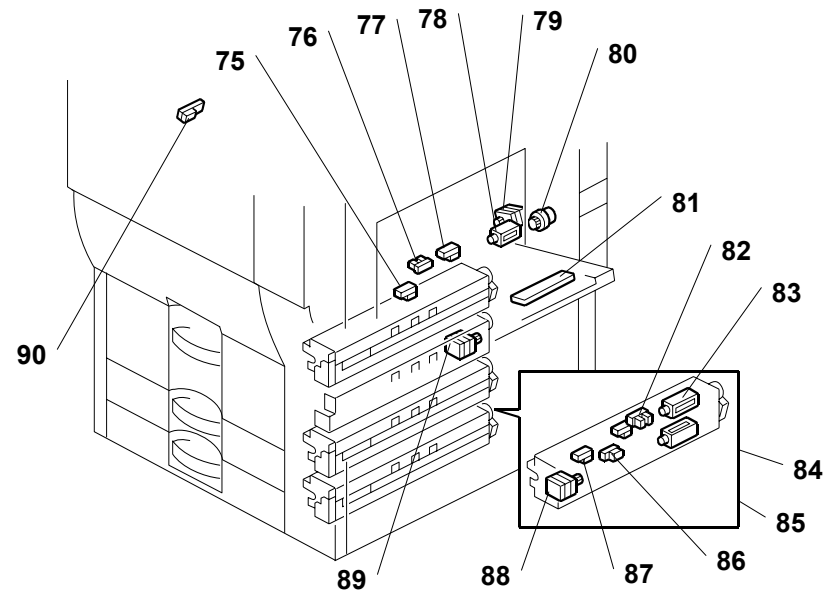
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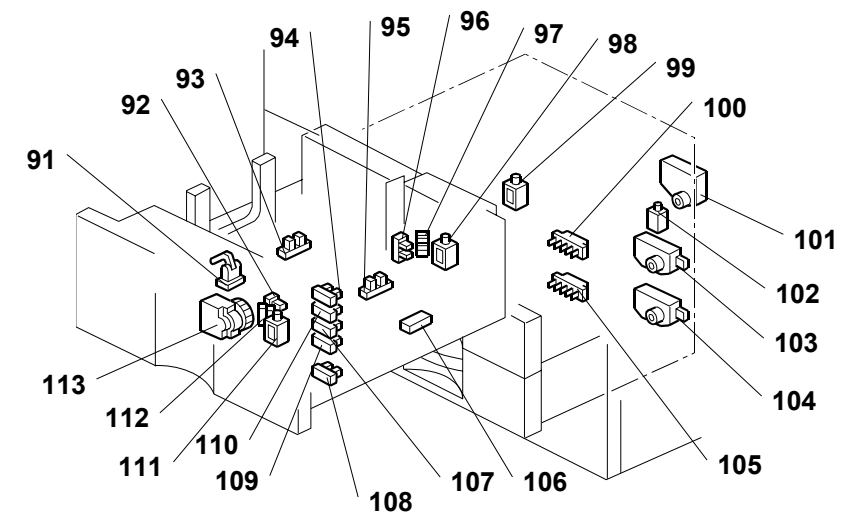
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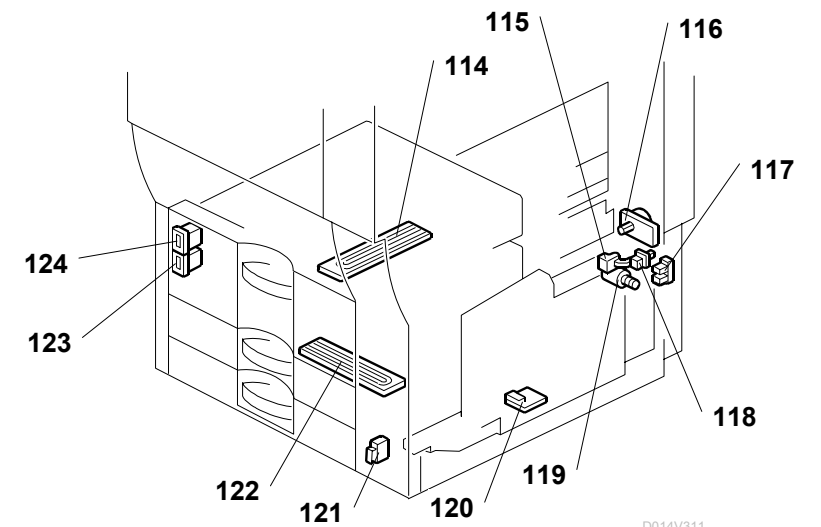
D014V306A



D014V310A



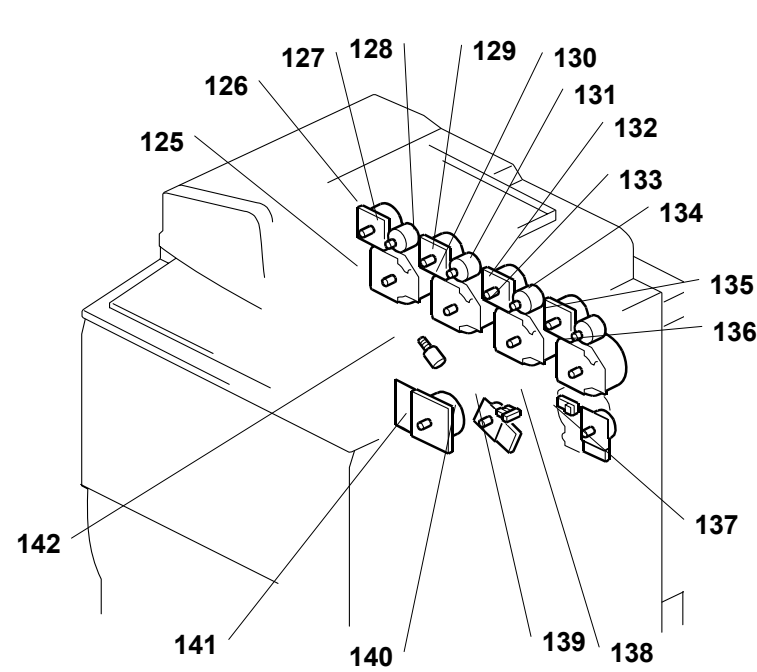
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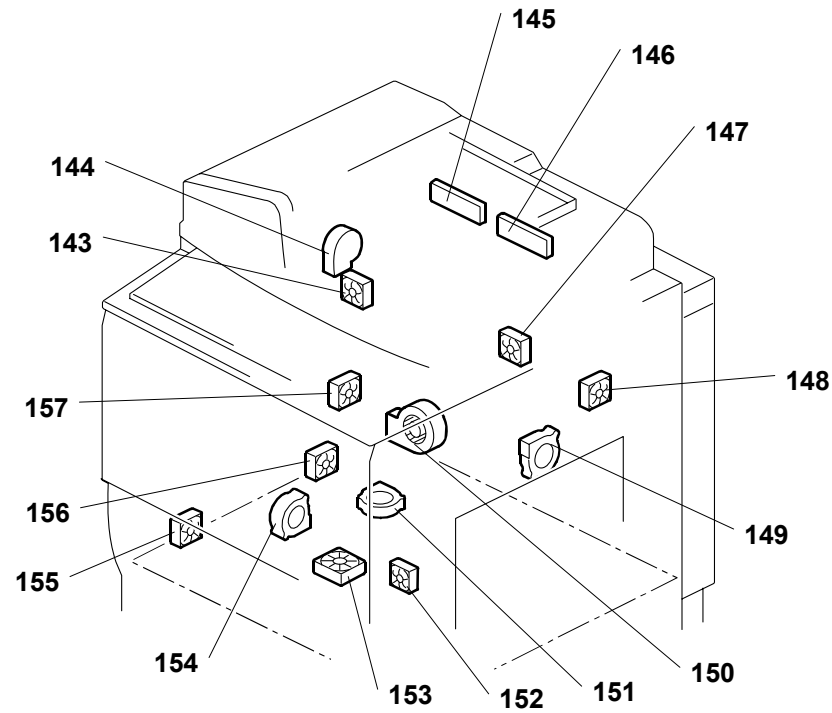
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D014/D015/D078/D079 ELECTRICAL COMPONENT LAYOUT (2/4)

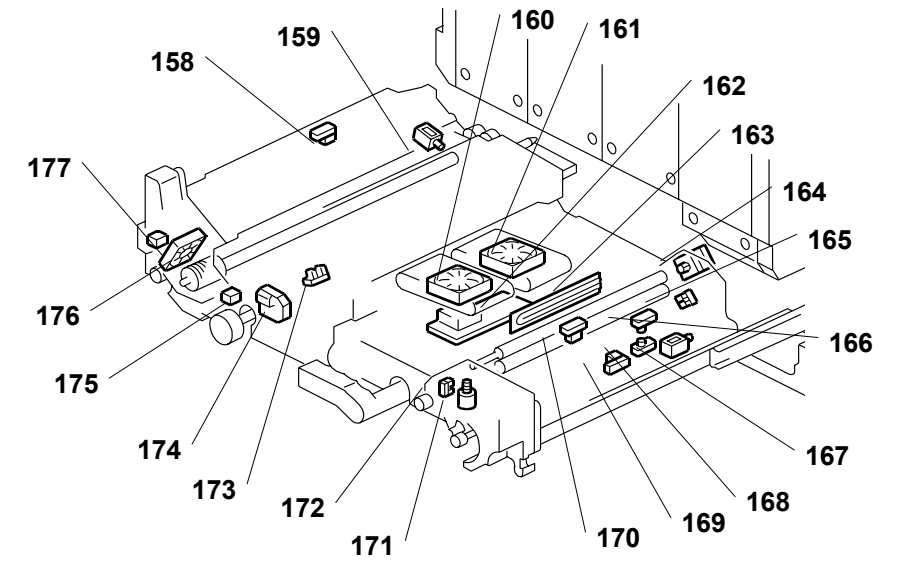
Rev. 04/2008



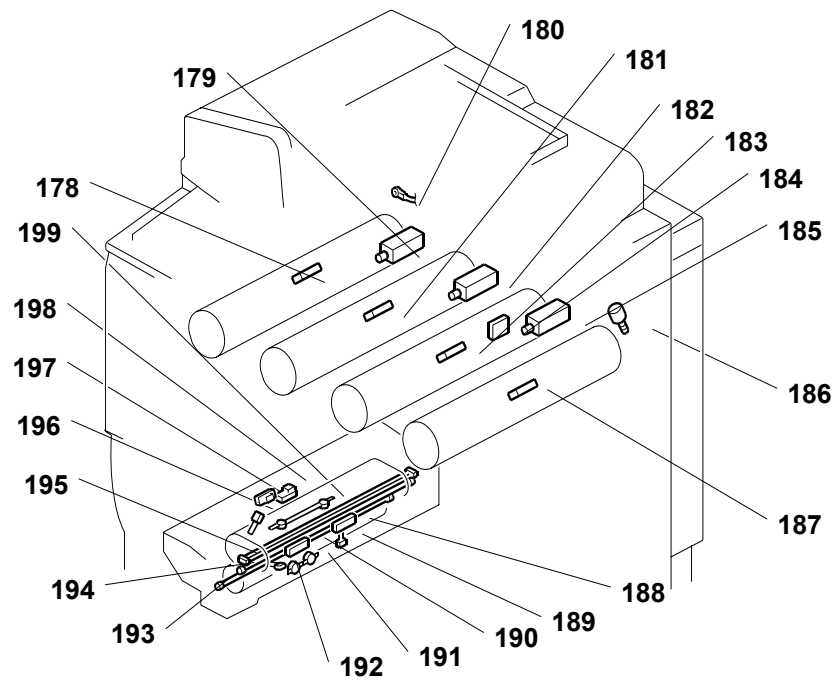
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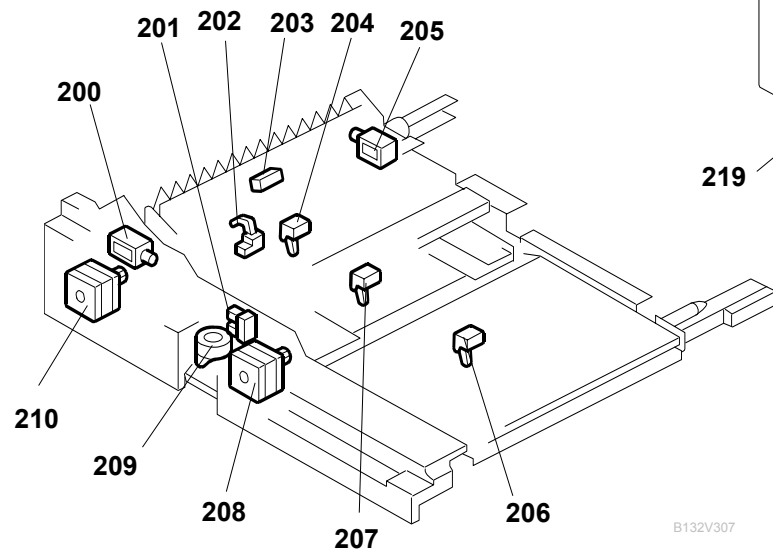
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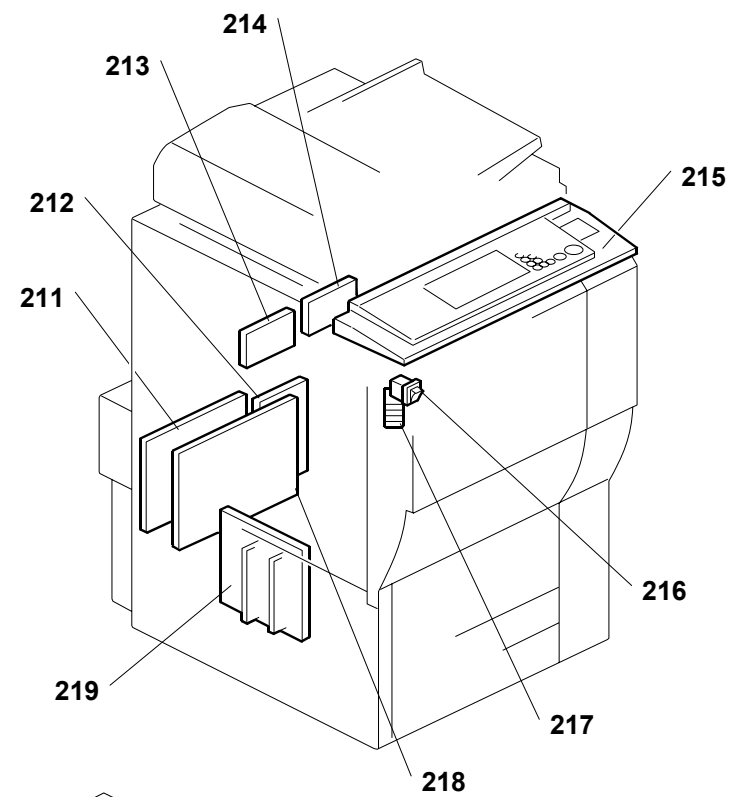
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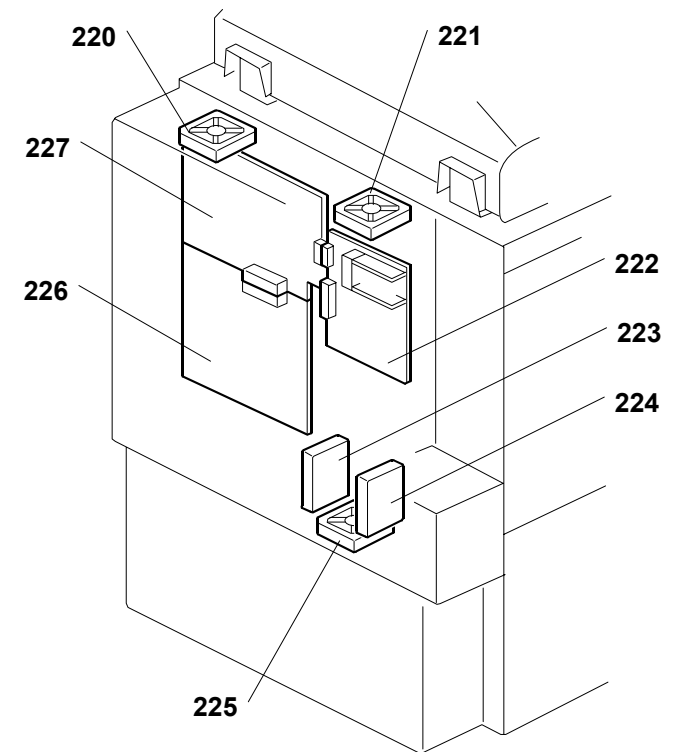
D014V351



B132V307



D014V301



D014V302

D014/D015/D078/D079 ELECTRICAL COMPONENT LAYOUT (3/4)

Symbol	Name	Index No.	P to P	Page
Sensors				
S1	ID Sensor: Black	45	D8	3/4
S2	ID Sensor: Color	45	D8	3/4
S3	ITB Lift Sensor (Full Color)	48	C8	3/4
S4	MUSIC Sensor: Center	45	D8	3/4
S5	MUSIC Sensor: Front	45	D8	3/4
S6	MUSIC Sensor: Rear	45	D8	3/4
S7	Paper Feed Sensor - Tray 2	87	B1	1/4
S8	Vertical Transport Sensor - Tray	86	B1	1/4
S9	Paper End Sensor - Tray 2	85	B1	1/4
S10	Lift Sensor - Tray 2	82	B1	1/4
S11	Paper Feed Sensor - Tray 3	87	B1	1/4
S12	Vertical Transport Sensor - Tray 3	86	C1	1/4
S13	Paper End Sensor - Tray 3	85	C1	1/4
S14	Lift Sensor - Tray 3	82	C1	1/4
S15	Temperature/Humidity Sensor	120	D1	1/4
S16	Used Toner Bottle Set Sensor	115	E1	1/4
S17	Used Toner Bottle Near-Full	117	D1	1/4
S18	Used Toner Bottle Full Sensor	118	E1	1/4
S19	Paper Feed Sensor - Tray 1	87	A1	1/4
S20	Vertical Transport Sensor - Tray	86	A1	1/4
S21	Paper End Sensor - Tray 1	85	A1	1/4
S22	Lift Sensor - Tray 1	82	A1	1/4
S23	Paper Near End Sensor: Tray 2	(103)	E1	1/4
S24	Paper Near End Sensor: Tray 3	(104)	E1	1/4
S25	Front Side Fence Open Sensor - Tray 1	112	E4	1/4
S26	Front Side Fence Closed Sensor - Tray 1	92	E4	1/4
S27	Rear Side Fence Open Sensor - Tray 1	97	E4	1/4
S28	Rear Side Fence Closed Sensor - Tray 1	96	E4	1/4
S29	Right Tray Down Sensor - Tray 1	108	E4	1/4
S30	Paper Near End Sensor - Tray 1	94	E4	1/4
S31	Paper Height Sensor 1- Tray 1	110	E4	1/4
S32	Paper Height Sensor 2- Tray 1	107	E4	1/4
S33	Paper Height Sensor 3- Tray 1	109	F4	1/4
S34	Right Tray Paper Sensor - Tray 1	106	F4	1/4
S35	Rear Fence HP Sensor - Tray 1	93	E1	1/4
S36	Rear Fence Return Sensor - Tray	95	E1	1/4
S37	Left Tray Paper Sensor - Tray 1	91	F1	1/4
S38	Internal Temperature Sensor	180	B5	2/4
S39	Used Toner Lock Sensor	139	F2	2/4
S40	Duplex Transport Sensor 1	204	C1	3/4
S41	Duplex/Inverter Sensor	202	D5	3/4
S42	Duplex Entrance Sensor	203	D1	3/4
S43	Duplex Transport Sensor 3	206	D2	3/4
S44	Duplex Transport Sensor 2	207	C2	3/4
S45	Duplex Jogger HP Sensor	201	C2	3/4
S46	Double-Feed Detection Sensor	166	D3	3/4
S47	Guide Plate Sensor	165	D3	3/4
S48	Relay Sensor	169	D3	3/4
S49	Registration Sensor	170	D3	3/4
S50	Paper Exit Sensor	158	C1	3/4
S51	Bypass Paper Feed Sensor	77	C3	3/4
S52	Bypass Paper End Sensor	76	C3	3/4
S53	Bypass Paper Size Sensor	81	D4	3/4
S54	Paper Exit Relay Sensor	90	F5	2/4
S56	TD Sensor - M	40	D6	3/4
S57	TD Sensor - K	42	D7	3/4
S58	Temperature/Humidity Sensor (K_PCU)	184	D6	2/4
S59	TD Sensor - Y	36	D5	3/4
S60	TD Sensor - C	38	D6	3/4
S61	ITB Lift Sensor (BW)	44	C8	3/4
S62	Fusing Pressure Release Sensor	173	C4	3/4
S63	Potential Sensor - K	187	B6	2/4
S64	Potential Sensor - M	183	B6	2/4
S65	Potential Sensor - C	181	B6	2/4
S66	Potential Sensor - Y	178	B6	2/4

Symbol	Name	Index No.	P to P	Page
Sensors continued				
S67/S68	Laser Unit Temperature Sensor	18	D9	2/4
S69	Toner End Sensor: M	66	C1	2/4
S70	Toner End Sensor: K	62	C1	2/4
S71	Toner End Sensor: Y	74	B1	2/4
S72	Toner End Sensor: C	71	B1	2/4
S73	Scanner HP Sensor	2	B5	2/4
S74	Original Width Sensors	14	A5	2/4
S75	Original Length Sensor - 1	12	A5	2/4
S76	Original Length Sensor - 2	11	B5	2/4
S77	Accordion Jam Sensor	197	C8	1/4
S78	Fusing Exit Sensor	198	C8	1/4
S79	LCT Relay Sensor	75	F2	2/4
S80	Original Length Sensor - 3	5	B5	2/4
S81	Encoder	138	C3	2/4
S82	PTR Contact Sensor	172	C4	3/4
S83	ITB Position Sensor	45	D9	3/4

Symbol	Name	Index No.	P to P	Page
Boards				
PCB1	PFB	212	A3	1/4
PCB2	AC Drive Board	219	B5	1/4
PCB3	PSU	218	D5	1/4
PCB4	DRB	214	E1/B1	2/4, 3/4
PCB5	Power Pack: Development Bias	146	C5	2/4
PCB6	Charge Roller Power Pack	211	D8	1/4
PCB7	Power Pack: Transfer	46	C9	3/4
PCB8	Power Pack: Separate	162	C4	3/4
PCB9	DTMB	213	D2	2/4
PCB10	IPU	227	D7/B2	2/4, 4/4
PCB11	Potential Sensor Board	145	C6	2/4
PCB12	CNB	55	C1	2/4
PCB13	IDCB: C1	67	A1	2/4
PCB14	IDCB: M1	63	A1	2/4
PCB15	IDCB: K1	61	A1	2/4
PCB16	IDCB: Y1	70	A1	2/4
PCB17	SBU	6	A6	2/4
PCB18	SIOB	8	B5	2/4
PCB19	Lamp Regulator	3	B5	2/4
PCB20	VBCU	226	E4/B3	2/4, 3/4
PCB21	LDB (K)	25	A8	2/4
PCB22	LDB (M)	24	B8	2/4
PCB23	LDB (C)	22	C8	2/4
PCB24	LDB (Y)	23	C8	2/4
PCB25	LSD: Front: K	27	A8	2/4
PCB26	LSD: Front: M	26	A8	2/4
PCB27	LSD: Front: C	21	A8	2/4
PCB28	LSD: Front: Y	19	A8	2/4
PCB29	LSD: Rear: Y	35	A8	2/4
PCB30	LSD: Rear: C	34	A8	2/4
PCB31	LSD: Rear: M	33	A8	2/4
PCB32	LSD: Rear: K	32	A8	2/4
PCB33	Controller Board	222	B3	4/4
PCB34	SCNB	7	A7	2/4
PCB35	Operation Panel	215	A1	4/4

Symbol	Name	Index No.	P to P	Page
Quenching Lamps				
QL1	Quenching Lamp - K	43	D7	3/4
QL2	Quenching Lamp - C	39	D6	3/4
QL3	Quenching Lamp - M	41	D7	3/4
QL4	Quenching Lamp - Y	37	D7	3/4

Symbol	Name	Index No.	P to P	Page
Lamps				
L1	Exposure Lamp	1	B6	2/4
L2	Heating Roller Fusing Lamp 2	195	B8	1/4
L3	Heating Roller Fusing Lamp 3 (Center)	195	B8	1/4
L4	Heating Roller Fusing Lamp 1	194	B8	1/4
L5	Pressure Roller Fusing Lamp	193	B8	1/4

Symbol	Name	Index No.	P to P	Page
LEDs				
LED1	Double-Feed Detection LED	168	D3	3/4
LED2	Accordion Jam Sensor (LED)	177	D5	3/4
LED3	Fusing Exit Sensor (LED)	175	D5	2/4

Symbol	Name	Index No.	P to P	Page
Heaters				
H1	Lower Tray Heater	122	A5	1/4
H2	Anti-Condensation Heater - Scanner (Option)	13	A5	2/4
H3	Anti-Condensation Heater -	163	A5	1/4
H4	Upper Tray Heater	114	A5	1/4

D014/D015/D078/D079 ELECTRICAL COMPONENT LAYOUT (4/4)

Symbol	Name	Index No.	P to P	Page
Motors				
M1	Scanner Motor	10	B5	2/4
M2	Lower Relay Motor	89	C1	1/4
M3	Paper Feed Motor - Tray 1	88	C1	1/4
M4	Paper Feed Motor - Tray 3	88	C1	1/4
M5	Paper Feed Motor - Tray 2	88	D1	1/4
M6	Used Toner Distribution Motor	119	D1	1/4
M7	Lift Motor - Tray 2	103	E1	1/4
M8	Lift Motor - Tray 3	104	E1	1/4
M9	Lift Motor - Tray 1	101	E1	1/4
M10	Rear Fence Motor - Tray 1	113	E1	1/4
M11	ITB Lift Motor	142	E6	2/4
M12	Ozone Fan	151	C6	3/4
M13	Fusing Unit Fan Motor: Lower	144	C6	3/4
M14	Fusing Cooling Fan Motor	15	F4	2/4
M15	Fusing Exhaust Fan Motor	20	F4	2/4
M16	Fusing/Exit Motor	141	F2	2/4
M17	PTR Motor	140	F3	2/4
M18	Bypass Feed Motor	79	F3	2/4
M19	Duplex Jogger Motor	209	D2	3/4
M20	Duplex Unit Fan Motor	153	D2	3/4
M21	Duplex Transport Motor	208	D1	3/4
M22	Duplex Inverter Motor	210	D1	3/4
M23	Registration Motor	164	D2	3/4
M24	Belt Cleaning Fan	154	D7	2/4
M25	Pipe Cooling Fan Motor	176	D5	3/4
M26	Paper Transport Fan Motor - Rear	161	D4	3/4
M27	Paper Transport Fan Motor -	160	D4	3/4
M28	Paper Exit Fan Motor	157	F5	2/4
M29	Front Duplex Fan Motor	155	F6	2/4
M30	Rear Duplex Fan Motor	156	F6	2/4
M31	Potential Sensor Fan	152	D6	2/4
M32	Cooling Fan Motor	148	D6	2/4
M33	Circulation Fan Motor	147	D6	2/4
M34	Laser Unit Cooling Fan Motor -	31	D6	2/4
M35	Laser Unit Cooling Fan Motor -	28	D6	2/4
M36	Development Motor: Y	126	B3	2/4
M37	Development Motor: C	128	B3	2/4
M38	Development Motor: M	131	B3	2/4
M39	Development Motor: K	134	C3	2/4
M40	Controller Box Exhaust Fan	220	D6	2/4
M41	Controller Box Exhaust Fan	221	C5	2/4
M42	Drum Motor - Y	125	B3	2/4
M43	Drum Motor - C	130	B3	2/4
M44	Drum Motor - M	133	B3	2/4
M45	Drum Motor - K	136	C3	2/4
M46	ITB Drive Motor	137	C3	2/4
M47	3rd Mirror Motor - M	30	D8	2/4
M48	Polygon Mirror Motor	29	D8	2/4
M49	3rd Mirror Motor - Y	16	D9	2/4
M50	3rd Mirror Motor - C	17	D9	2/4
M51	Toner Hopper Motor	58	C1	2/4
M52	PCU Fan Motor - Y	73	B1	2/4
M53	PCU Fan Motor - C	69	B1	2/4
M54	PCU Fan Motor - M	65	B1	2/4
M55	PCU Fan Motor - K	60	C1	2/4
M56	Scanner Unit Fan Motor - Rear	4	B6	2/4
M57	Scanner Unit Fan Motor - Right	9	B5	2/4
M58	Used Toner Collection Bottle	116	E1	1/4
M59	Development Intake Fan - K	59	B1	2/4
M60	Development Intake Fan - M	64	B1	2/4
M61	Development Intake Fan - C	68	B1	2/4
M62	Development Intake Fan - Y	72	B1	2/4
M63	Drum Cleaning Motor (Y)	127	C3	2/4
M64	Drum Cleaning Motor (C)	129	C3	2/4
M65	Drum Cleaning Motor (M)	132	C3	2/4
M66	Drum Cleaning Motor (K)	135	D3	2/4
M67	Charge Wire Cleaner Motor	186	D6	2/4
M68	Ozone Intake Fan	149	D7	2/4
M69	Drive Exit Fan	143	C6	3/4

Symbol	Name	Index No.	P to P	Page
Motors continued				
M70	Ozone Exhaust Fan	150	C6	3/4
M71	PTR lift Motor	171	D4	3/4
M72	Fusing Prseeure Release Motor	174	D5	3/4
M73	HDD Cooling Fan Motor	225	A4	4/4
M74	CPU Fan	226	A4	4/4

Symbol	Name	Index No.	P to P	Page
Quenching Lamps				
QL1	Quenching Lamp - K	43	D7	3/4
QL2	Quenching Lamp - C	39	D6	3/4
QL3	Quenching Lamp - M	41	D7	3/4
QL4	Quenching Lamp - Y	37	D7	3/4

Symbol	Name	Index No.	P to P	Page
Lamps				
L1	Exposure Lamp	1	B6	2/4
L2	Heating Roller Fusing Lamp 3 (Ctr)	195	B8	1/4
L3	Heating Roller Fusing Lamp 2 (Ends)	195	B8	1/4
L4	Heating Roller Fusing Lamp 1	194	B8	1/4
L5	Pressure Roller Fusing Lamp	193	B8	1/4

Symbol	Name	Index No.	P to P	Page
LEDs				
LED1	Double-Feed Detection LED	168	D3	3/4
LED2	Accordion Jam Sensor (LED)	177	D5	3/4
LED3	Fusing Exit Sensor (LED)	175	D5	2/4

Symbol	Name	Index No.	P to P	Page
Heaters				
H1	Lower Tray Heater	122	A5	1/4
H2	Anti-Condensation Heater - Scanner (Option)	13	A5	2/4
H3	Anti-Condensation Heater -	163	A5	1/4
H4	Upper Tray Heater	114	A5	1/4

Symbol	Name	Index No.	P to P	Page
HDDs				
HDD1	HDD 1	223	B4	4/4
HDD2	HDD 2	224	B4	4/4

Symbol	Name	Index No.	P to P	Page
Counters				
TC1	Total Counter - FC	124	F6	2/4
TC2	Total Counter - K	123	F5	2/4

Symbol	Name	Index No.	P to P	Page
Solenoids				
SOL1	Pick-up Solenoid - Tray 2	83	B1	1/4
SOL2	Separation Roller Solenoid - Tray	84	B1	1/4
SOL3	Pick-up Solenoid - Tray 3	83	C1	1/4
SOL4	Separation Roller Solenoid - Tray	84	C1	1/4
SOL5	Pick-up Solenoid - Tray 1	83	A1	1/4
SOL6	Separation Roller Solenoid - Tray	84	A1	1/4
SOL7	Front Side Fence Solenoid -Tray 1	111	F4	1/4
SOL8	Rear Side Fence Solenoid - Tray	98	F4	1/4
SOL9	Right Tray Lock Solenoid - Tray 1	102	F1	1/4
SOL10	Left Tray Lock Solenoid - Tray 1	99	F1	1/4
SOL11	Duplex Junction Gate Solenoid	205	D2	3/4
SOL13	Guide Plate Solenoid	167	D3	3/4
SOL14	Inverter Junction Gate Solenoid	159	D5	3/4
SOL15	Bypass Pick-up Solenoid	78	D4	3/4
SOL16	Charge Cleaning Solenoid: Y	179	D6	2/4
SOL17	Charge Cleaning Solenoid: C	182	D6	2/4
SOL18	Charge Cleaning Solenoid: M	185	D6	2/4
SOL19	Duplex Inverter Solenoid	200	D2	3/4

Symbol	Name	Index No.	P to P	Page
Magnetic Clutches				
MC1	Bypass Feed Clutch	80	D4	3/4
MC2	Toner Pump Clutch - M	53	B1	2/4
MC3	Toner Supply Clutch - M	54	B1	2/4
MC4	Toner pump Clutch: K	56	C1	2/4
MC5	Toner Supply Clutch: K	57	C1	2/4
MC6	Toner pump Clutch - Y	49	B1	2/4
MC7	Toner Supply Clutch - Y	50	B1	2/4
MC8	Toner pump Clutch - C	51	A1	2/4
MC9	Toner Supply Clutch - C	52	A1	2/4

Symbol	Name	Index No.	P to P	Page
Switches				
SW1	Lower Front Door Switch	121	A2	1/4
SW2	Main Power Switch	216	D7	1/4
SW4	Paper Size Switch - Tray 2	100	D1	1/4
SW5	Paper Size Switch - Tray 3	105	D1	1/4
SW6	Interlock SWs	217	D3/F4	2/4

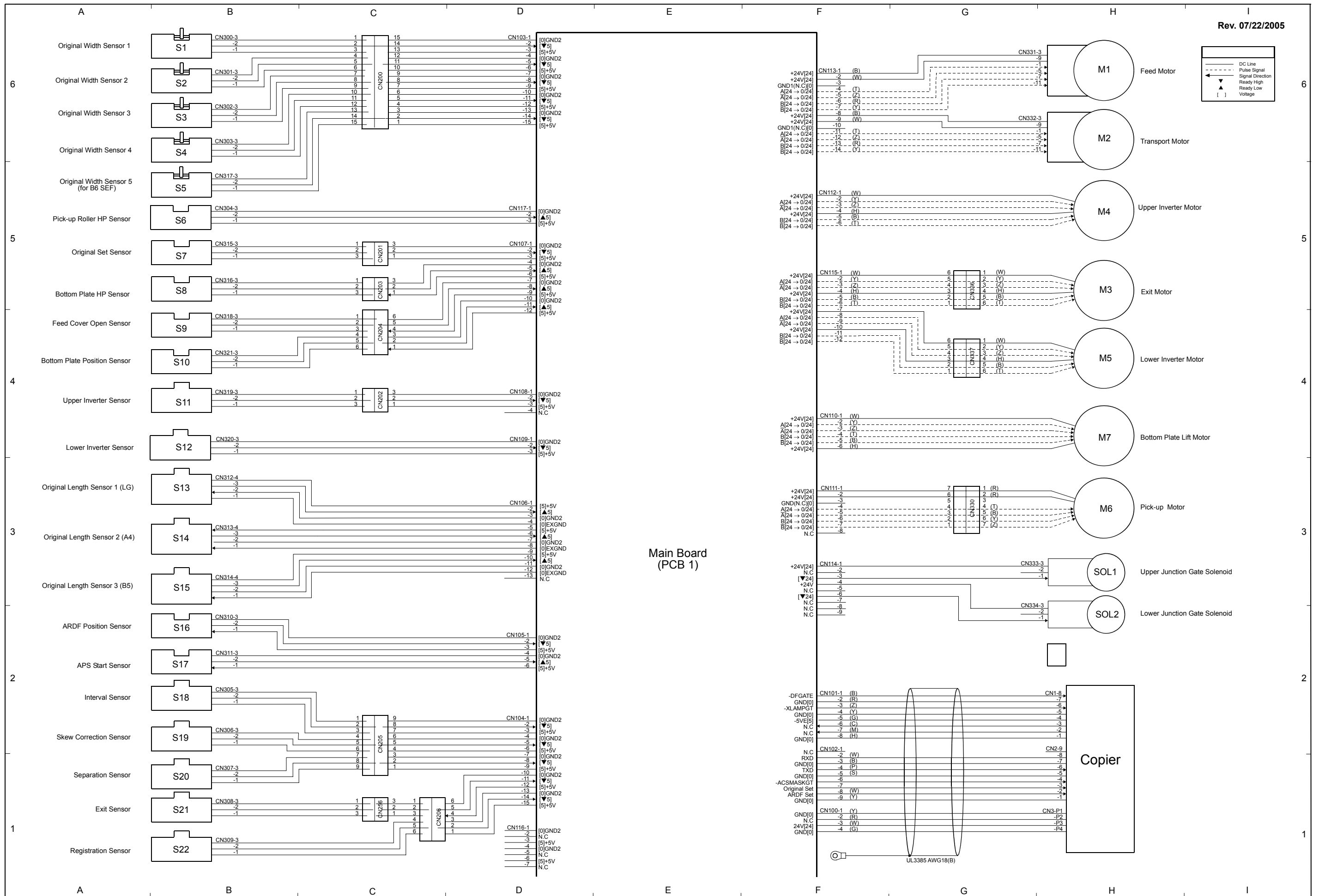
Symbol	Name	Index No.	P to P	Page
Heaters				
H1	Lower Tray Heater	122	A5	1/4
H2	Anti-Condensation Heater - Scanner (Option)	13	A5	2/4
H3	Anti-Condensation Heater -	163	A5	1/4
H4	Upper Tray Heater	114	A5	1/4

Symbol	Name	Index No.	P to P	Page
Thermostats				
TS1/2	Thermostats	191	A8/C8	1/4
TS3/4	Thermostats	199	A8/C8	1/4

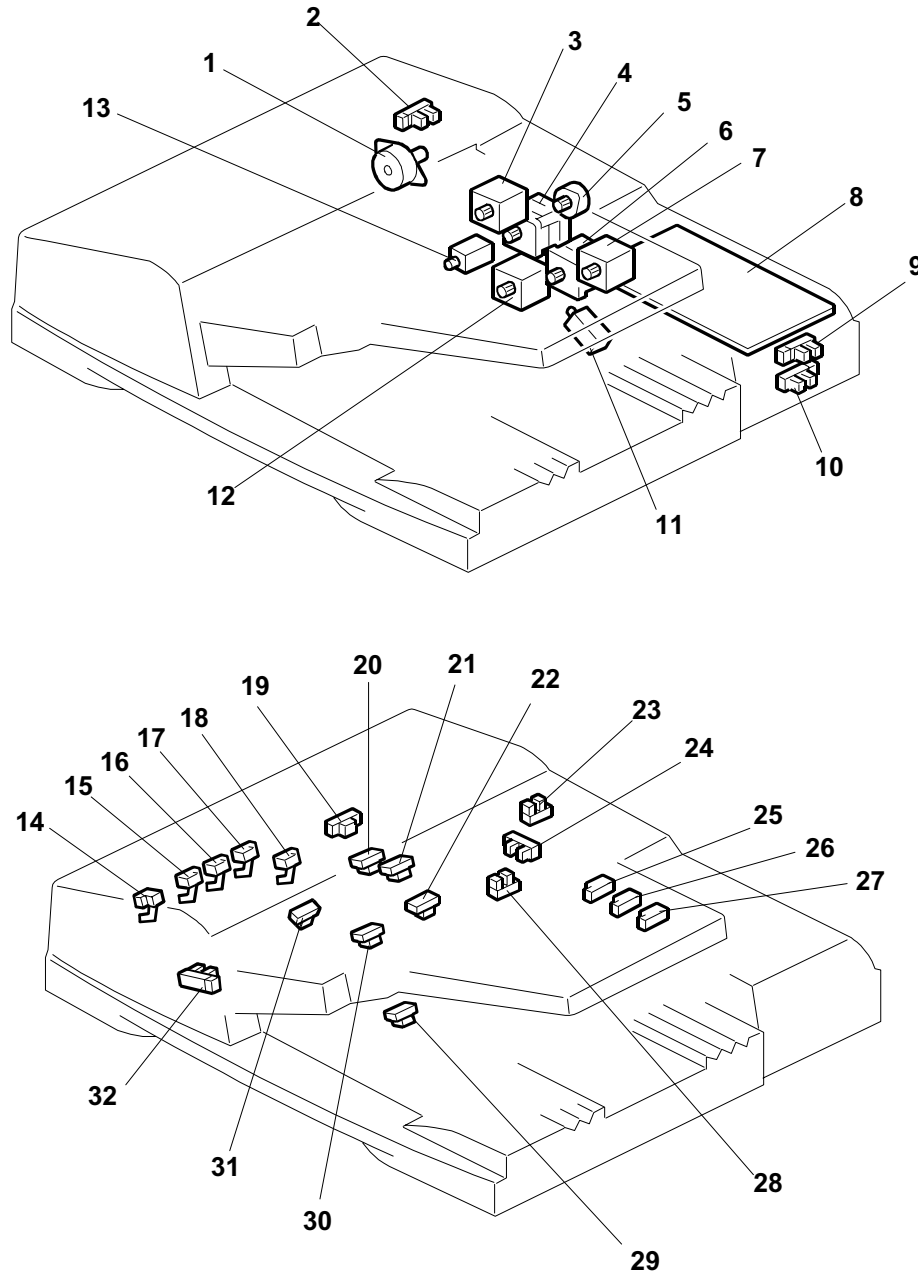
Symbol	Name	Index No.	P to P	Page
Thermistors				
TH1	Heating Roller Thermistor	192	A8	1/4
TH2	Hot Roller Thermistor	196	A8	1/4
TH3	Pressure Roller Thermistor	189	C8	1/4
TH4	Heating Roller Center Thermistor	188	A8	1/4
TH5	Heating Roller End Thermistor	190	A8	1/4

ADF(FOR B132/B200/D014/D015) POINT TO POINT DIAGRAM

Rev. 07/22/2005



ADF(FOR B132/B200/D014/D015) ELECTRICAL COMPONENT LAYOUT

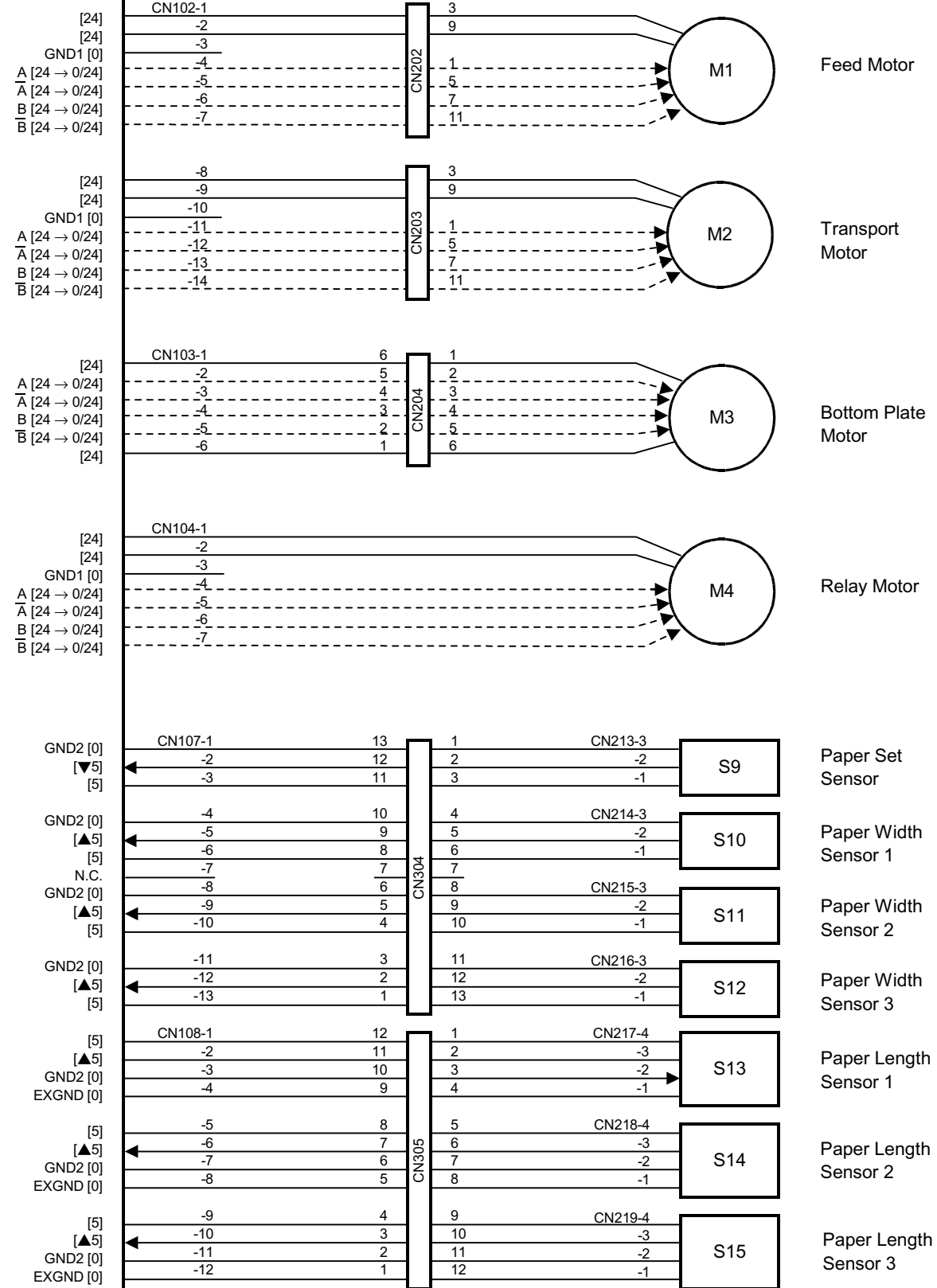
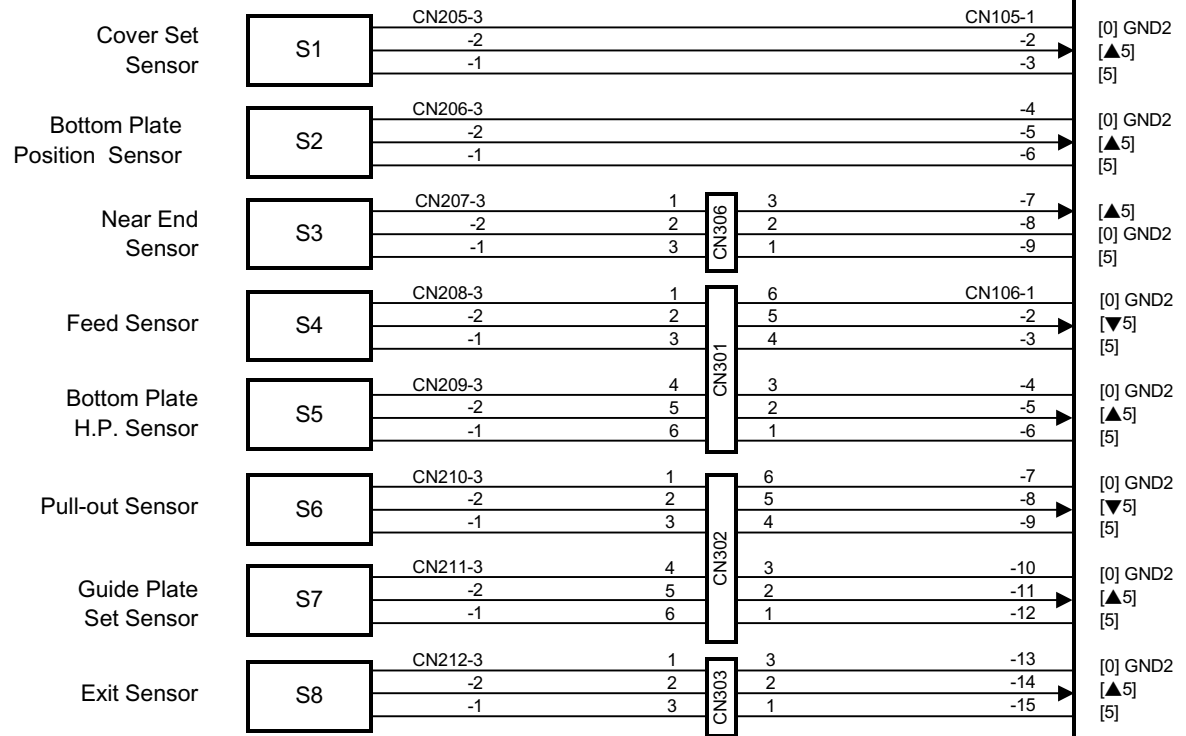
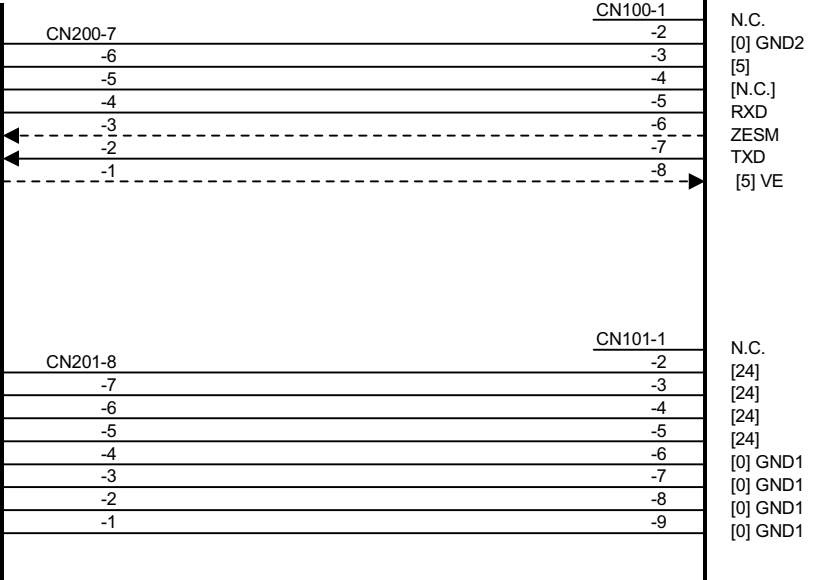
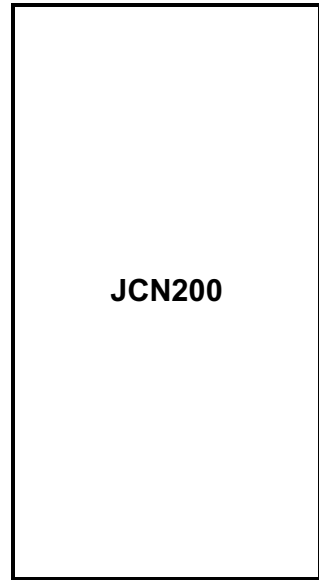


Symble	Name	Index No.	P to P
Boards			
PCB1	Main Board	8	E4
Motors			
M1	Feed Motor	4	H6
M2	Transport Motor	6	H6
M3	Upper Inverter Motor	7	H5
M4	Exit Motor	3	H5
M5	Lower Inverter Motor	12	H4
M6	Pick-up Motor	1	H4
M7	Bottom Plate Lift Motor	5	H3
Sensors			
S1	Original Width Sensor 1	17	B6
S2	Original Width Sensor 2	16	B6
S3	Original Width Sensor 3	15	B6
S4	Original Width Sensor 4	14	B6
S5	Original Width Sensor 5 (for B6 SEF)	18	B5
S6	Pick-up Roller HP Sensor	2	B5
S7	Original Set Sensor	28	B5
S8	Bottom Plate HP Sensor	32	B5
S9	Feed Cover Open Sensor	23	B4
S10	Bottom Plate Position Sensor	24	B4
S11	Upper Inverter Sensor	22	B4
S12	Lower Inverter Sensor	29	B4
S13	Original Length Sensor 1 (LG)	25	B3
S14	Original Length Sensor 2 (A4)	26	B3
S15	Original Length Sensor 3 (B5)	27	B3
S16	ARDF Position Sensor	9	B2
S17	APS Start Sensor	10	B2
S18	Interval Sensor	19	B2
S19	Skew Correction Sensor	20	B2
S20	Separation Sensor	21	B1
S21	Exit Sensor	30	B1
S22	Registration Sensor	31	B1
Solenoids			
SOL1	Upper Junction Gate Solenoid	11	H3
SOL2	Lower Junction Gate Solenoid	13	H2

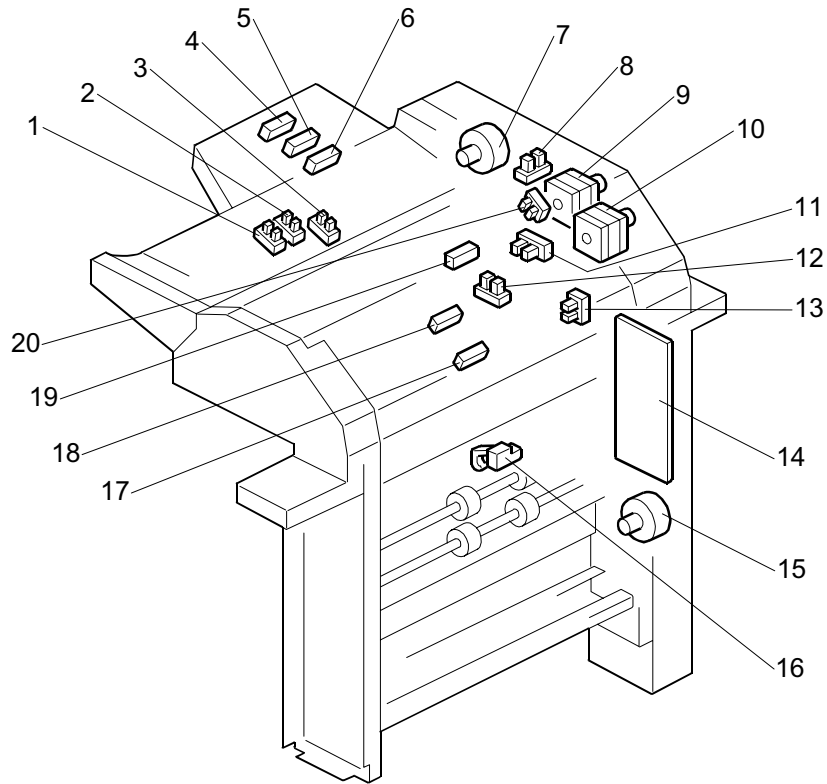
COVER INTERPOSER (B704) POINT TO POINT DIAGRAM

SYMBOL TABLE	
	DC Line
	Pulse Signal
	Signal Direction
	Ready Low
	Ready High
[]	Voltage

PCB1 Main Board

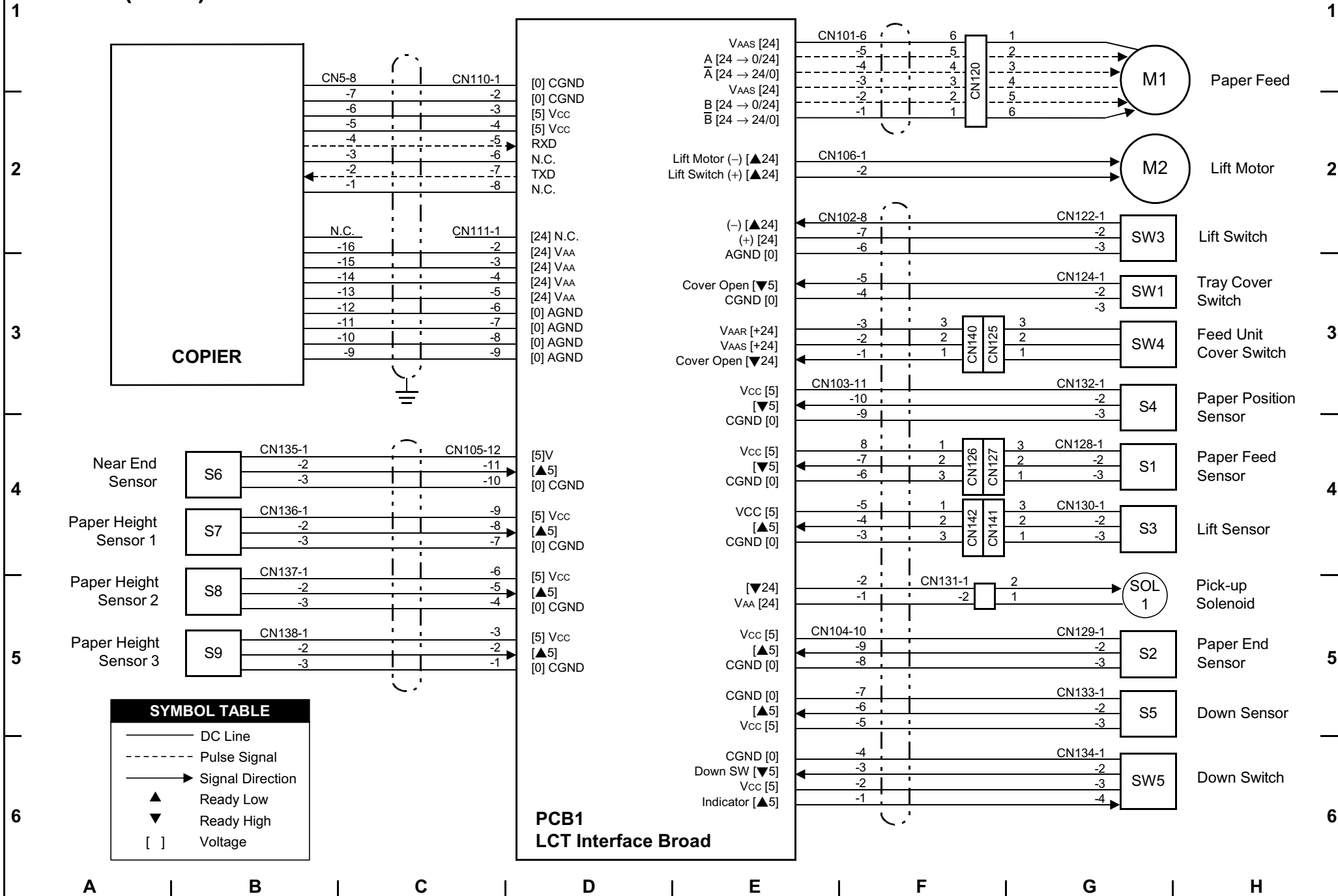


COVER INTERPOSER (B704) ELECTRICAL COMPONENT LAYOUT

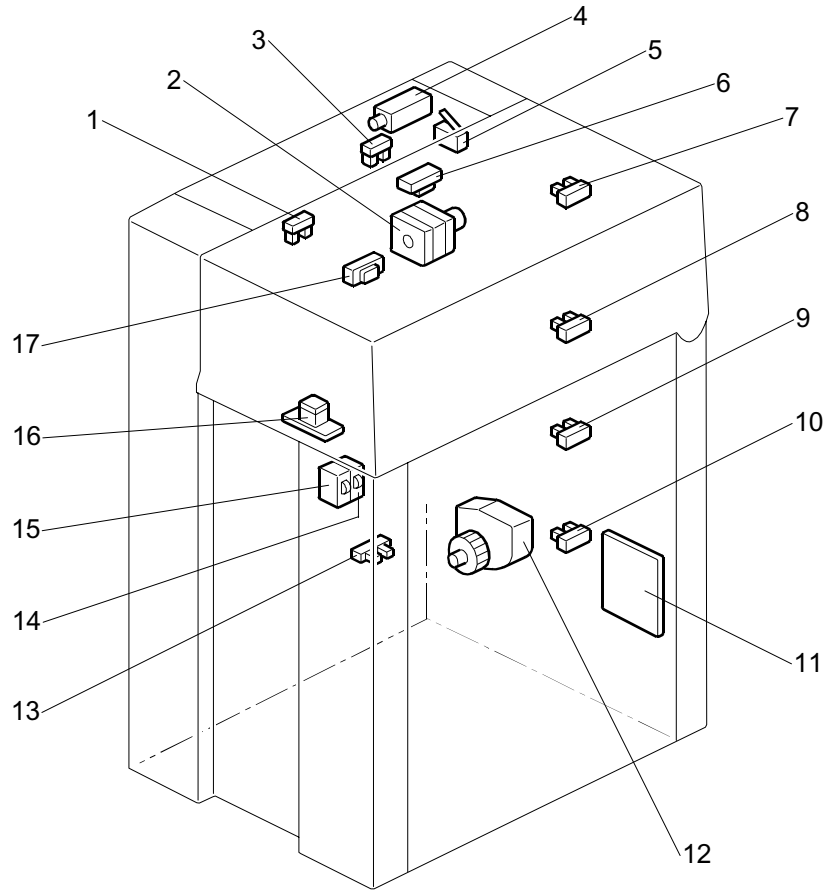


Symbol	Index No.	Description	P to P
Motors			
M1	9	Feed	I2
M2	10	Transport	I2-I3
M3	7	Bottom Plate	I3
M4	15	Relay	I4
Sensors			
S1	8	Cover Set	B5
S2	20	Bottom Plate Position	B5
S3	11	Near End	B5
S4	18	Feed	B6
S5	12	Bottom Plate HP	B6
S6	17	Pull-out	B6
S7	13	Guide Plate Set	B6-B7
S8	16	Exit	B7
S9	19	Paper Set	I5
S10	3	Paper Width 1	I5
S11	2	Paper Width 2	I5
S12	1	Paper Width 3	I6
S13	6	Paper Length 1	I6
S14	5	Paper Length 2	I6
S15	4	Paper Length 3	I7
PCBs			
PCB1	14	Main	E2-E7

LCT (B473) POINT TO POINT DIAGRAM

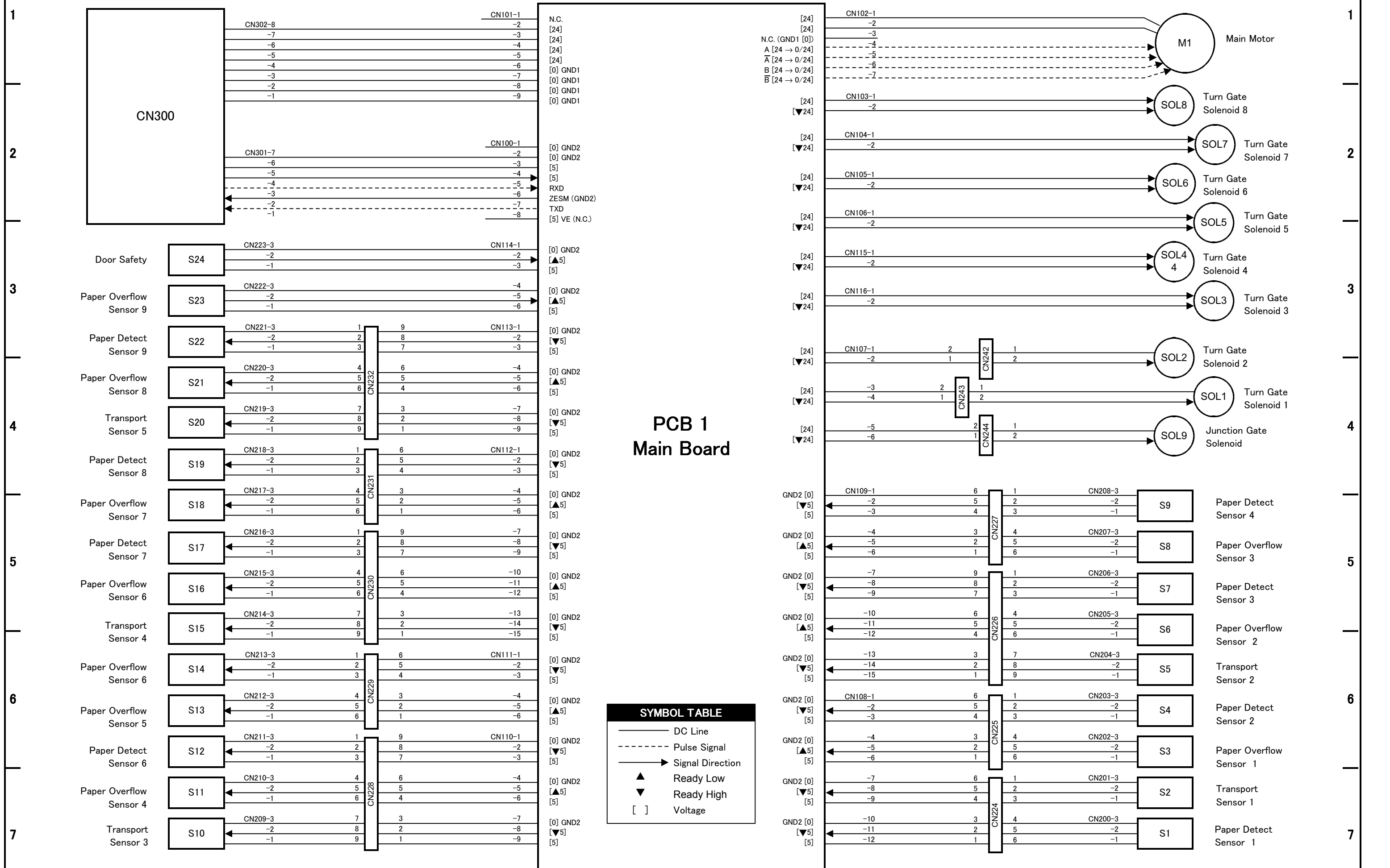


LCT (B473) ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Motors			
M1	2	Paper Feed	G1
M2	12	Lift	G2
Sensors			
S1	1	Paper Feed	G4
S2	6	Paper End	G5
S3	3	Lift	G4
S4	17	Paper Position	G3-G4
S5	13	Down	G5
S6	7	Near End	B4
S7	8	Paper Height1	B4
S8	9	Paper Height2	B5
S9	10	Paper Height3	B5
Switches			
SW1	15	Tray Cover	G3
SW3	14	Lift	G2
SW4	5	Feed Unit Cover	G3
SW5	16	Down	G6
Solenoids			
SOL1	4	Pick-up	G5
PCBs			
PCB1	11	LCT Interface	D1-D6

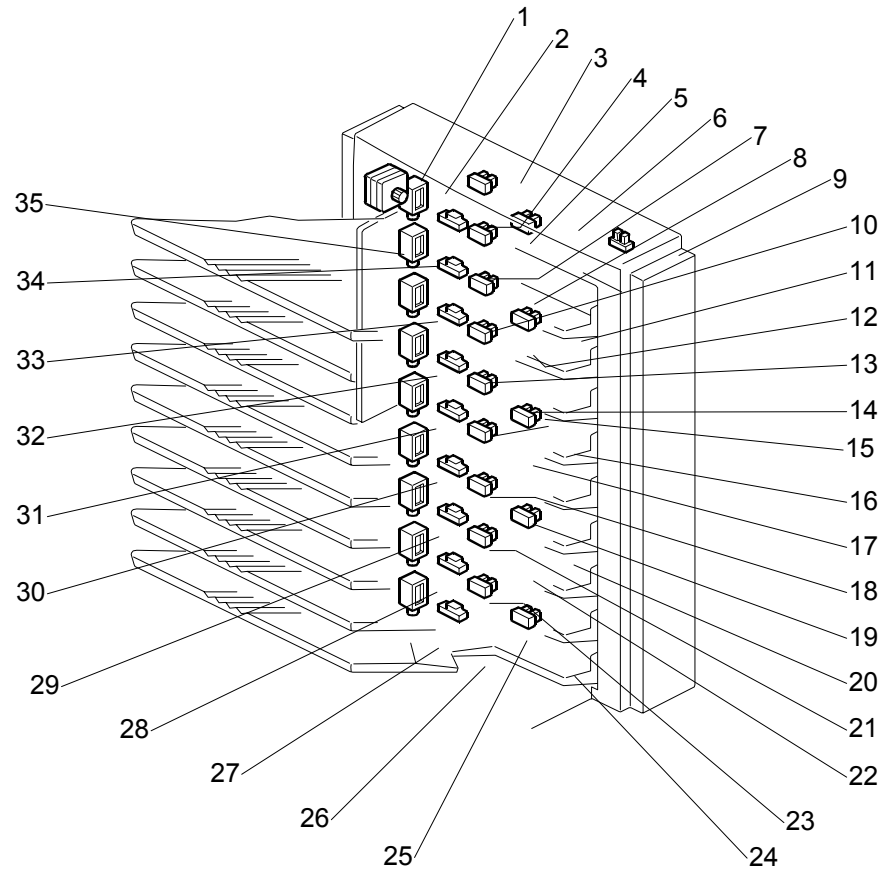
MAILBOX (B762) POINT TO POINT DIAGRAM



PCB 1 Main Board

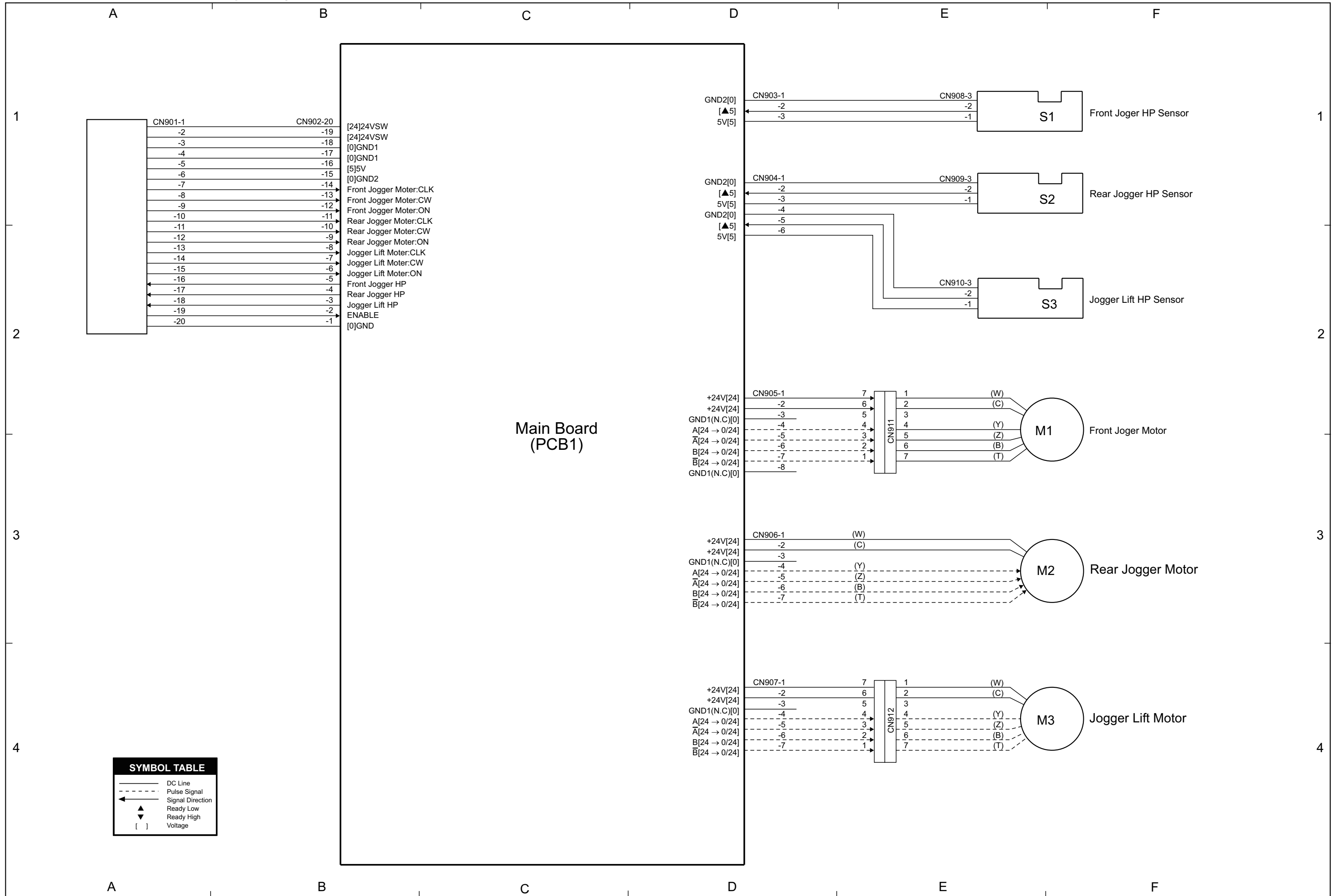
SYMBOL TABLE	
—	DC Line
- - - -	Pulse Signal
→	Signal Direction
▲	Ready Low
▼	Ready High
[]	Voltage

MAILBOX (B762) ELECTRICAL COMPONENT LAYOUT

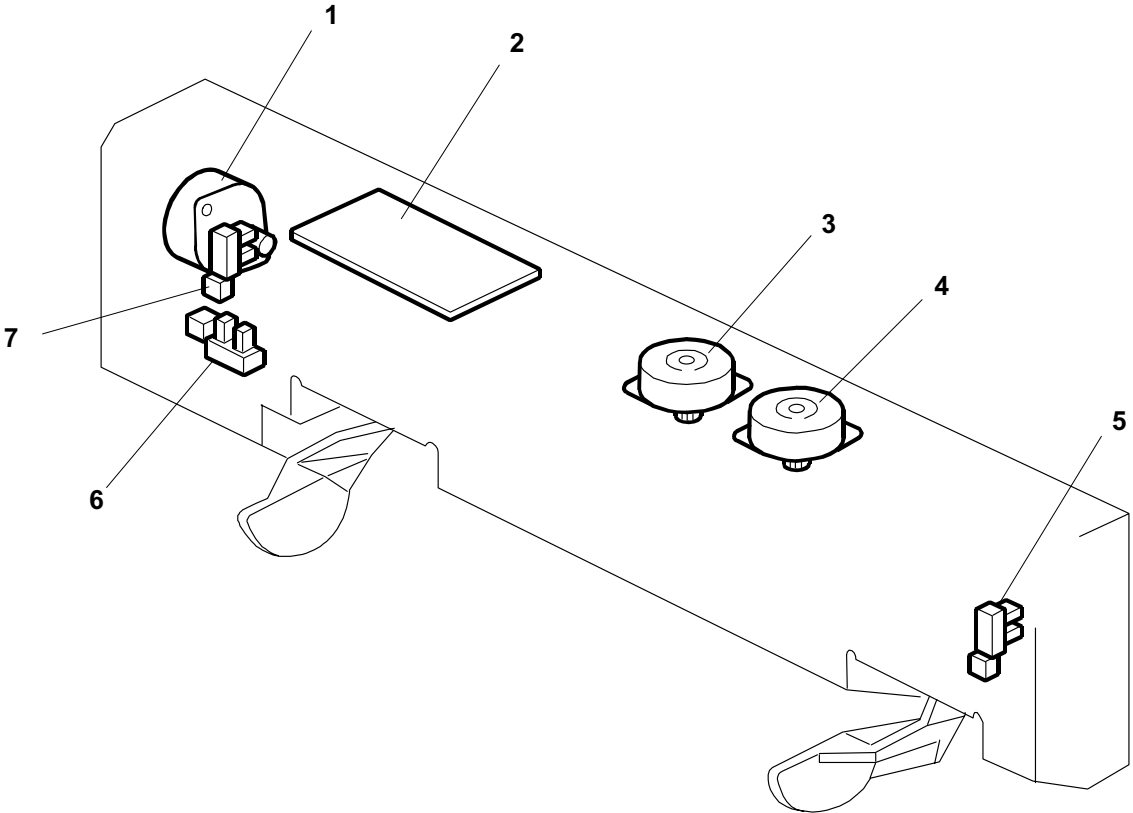


Symbol	Index No.	Description	P to P
Motors			
M1	1	Main	H1
Sensors			
S1	26	Paper Detect 1	I7
S2	24	Transport 1	I7
S3	25	Paper Overflow 1	I6
S4	23	Paper Detect 2	I6
S5	20	Transport 2	I6
S6	22	Paper Overflow 2	I5-I6
S7	21	Paper Detect 3	I5
S8	19	Paper Overflow 3	I5
S9	18	Paper Detect 4	I5
S10	16	Transport 3	B7
S11	17	Paper Overflow 4	B7
S12	15	Paper Detect 5	B6
S13	14	Paper Overflow 5	B6
S14	13	Paper Detect 6	B6
S15	11	Transport 4	B5-B6
S16	12	Paper Overflow 6	B5
S17	10	Paper Detect 7	B5
S18	8	Paper Overflow 7	B5
S19	7	Paper Detect 8	B4
S20	6	Transport 5	B4
S21	5	Overflow Sensor 8	B4
S22	4	Paper Detect 9	B3
S23	3	Paper Overflow 9	B3
S24	9	Door Safety	B3
Solenoids			
SOL1	28	Turn Gate 1	I4
SOL2	29	Turn Gate 2	I4
SOL3	30	Turn Gate 3	I3
SOL4	31	Turn Gate 4	I3
SOL5	32	Turn Gate 5	I3
SOL6	33	Turn Gate 6	I2
SOL7	34	Turn Gate 7	I2
SOL8	2	Turn Gate 8	I2
SOL9	27	Junction Gate	I4
PCBs			
PCB1	35	Main	E1-E7

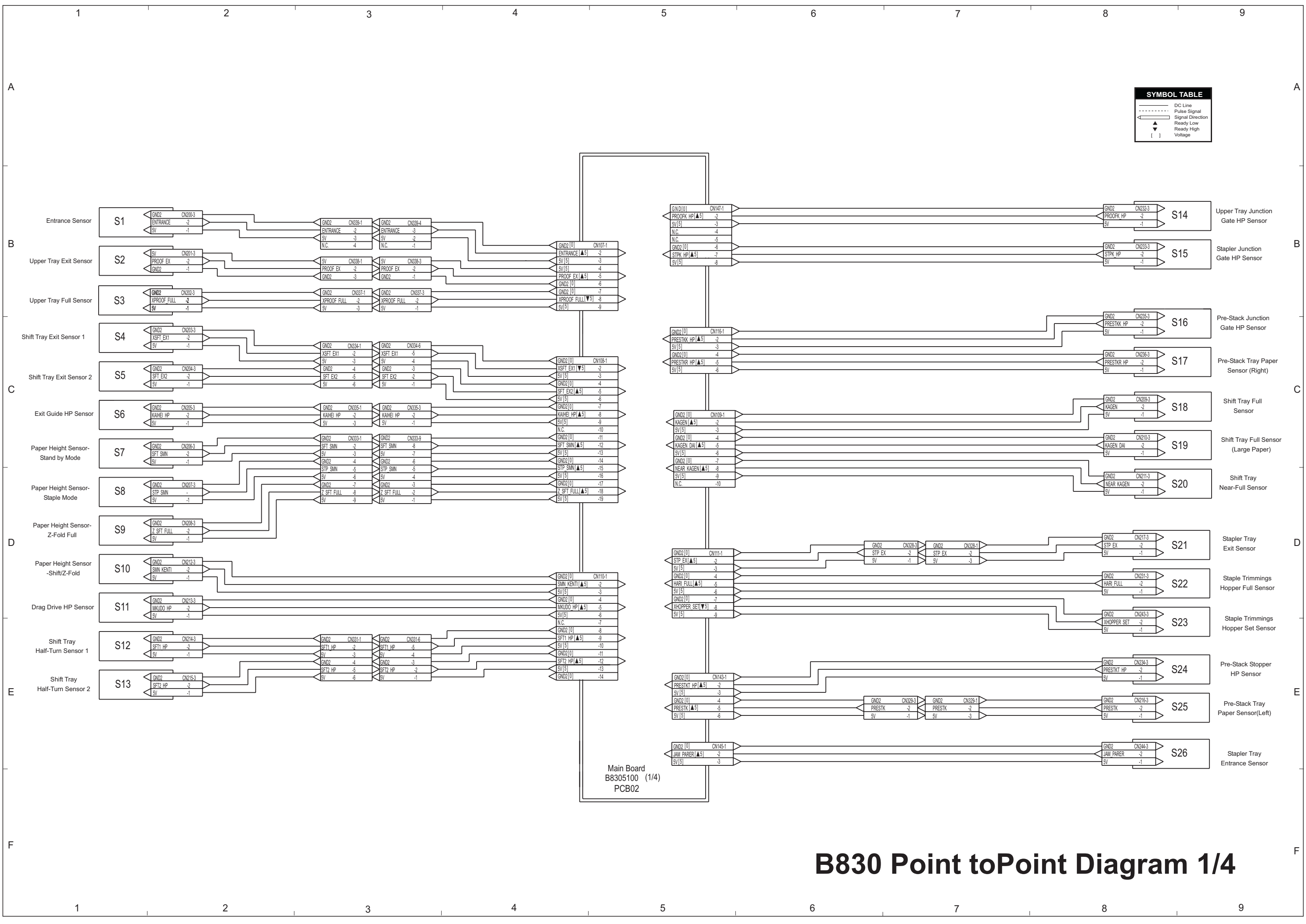
OUTPUT JOGGER UNIT(B703) POINT TO POINT DIAGRAM



OUTPUT JOGGER UNIT(B703) ELECTRICAL COMPONENT LAYOUT



Symbol	Name	Index No.	P to P
Boards			
PCB1	Main Board	2	C 3
Motors			
M1	Front Jogger Motor	4	F 3
M2	Rear Jogger Motor	3	F 3
M3	Jogger Lift Motor	1	F 4
Sensors			
S1	Front Jogger HP Sensor	5	F1
S2	Rear Jogger HP Sensor	7	F1
S3	Jogger Lift HP Sensor	6	F2

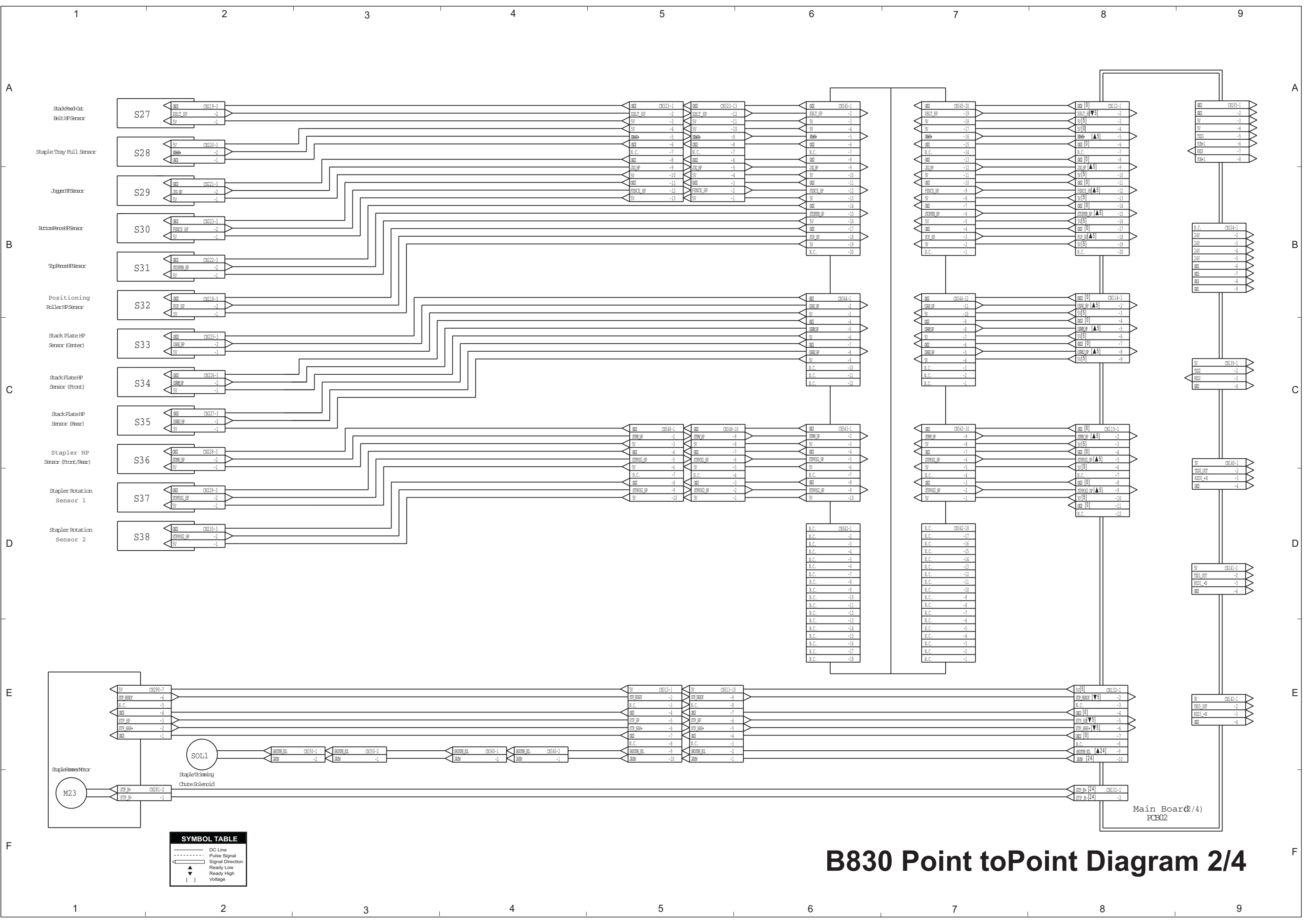


SYMBOL TABLE

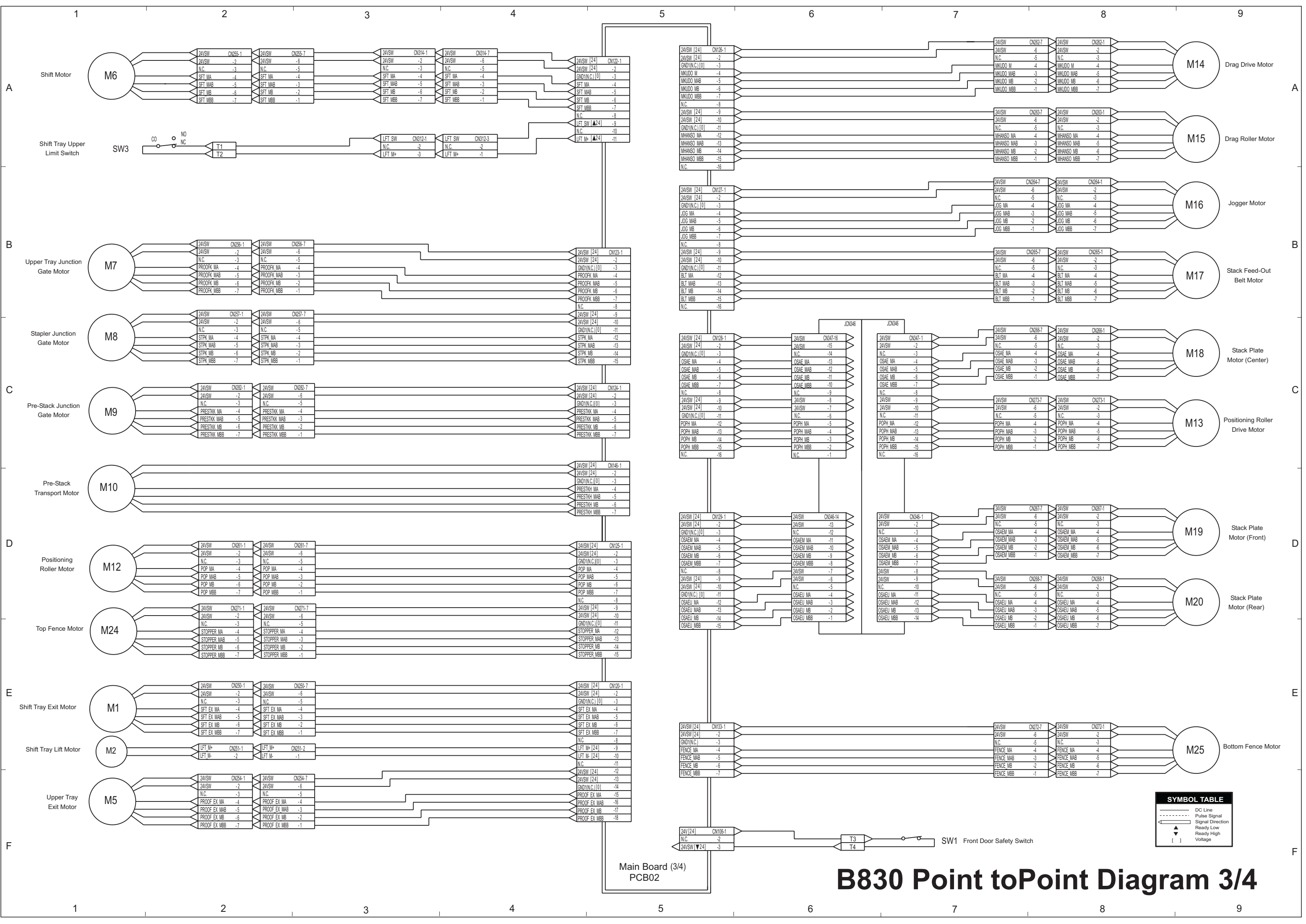
- DC Line
- - - Pulse Signal
- Signal Direction
- ◀ Ready Low
- ▶ Ready High
- [] Voltage

Main Board
B8305100 (1/4)
PCB02

B830 Point toPoint Diagram 1/4



B830 Point toPoint Diagram 2/4

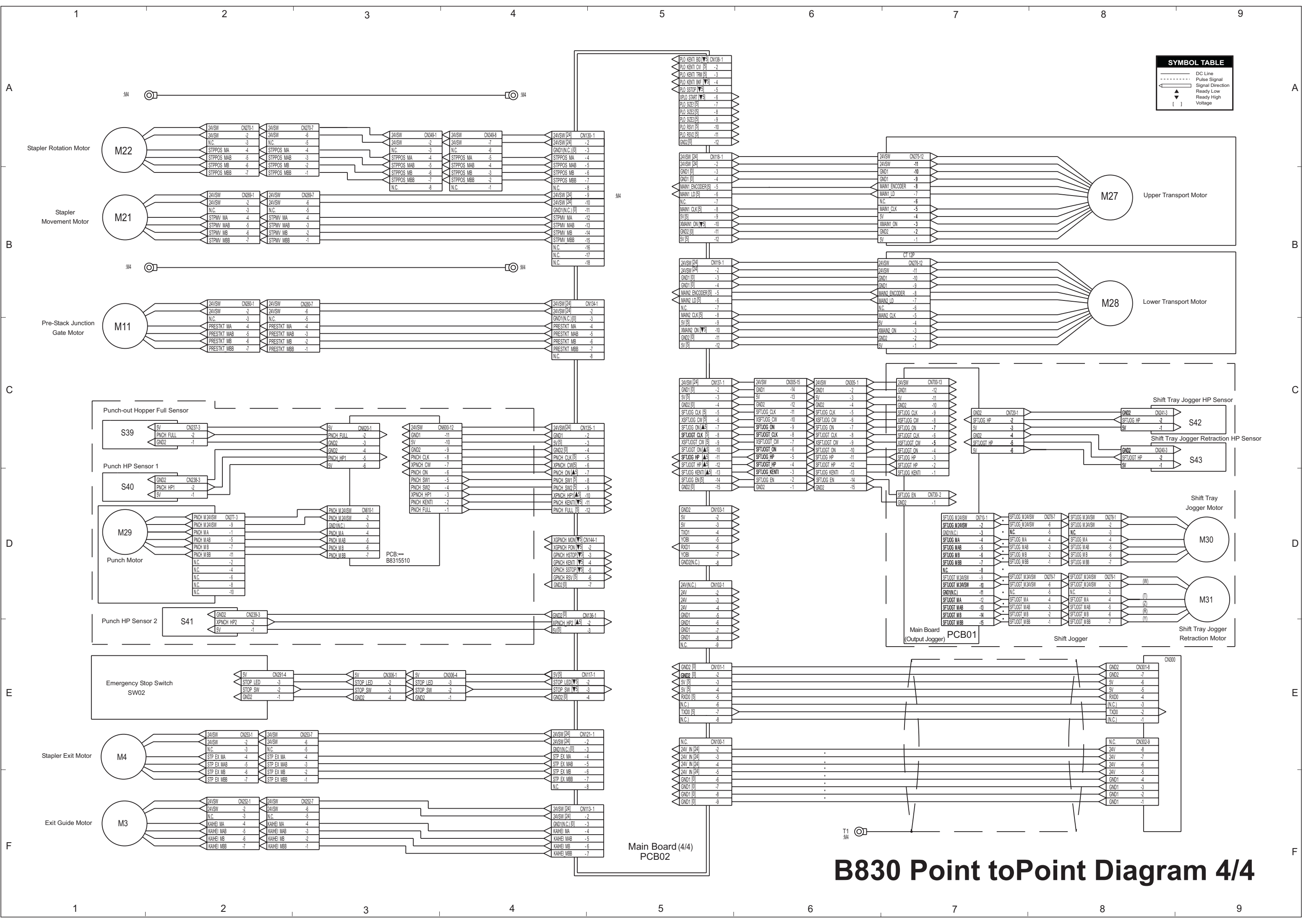


Main Board (3/4)
PCB02

B830 Point toPoint Diagram 3/4

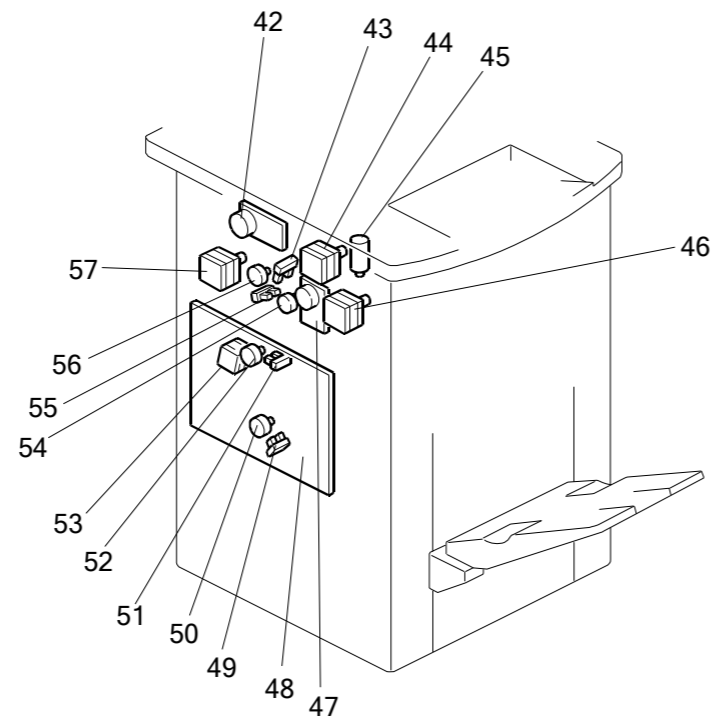
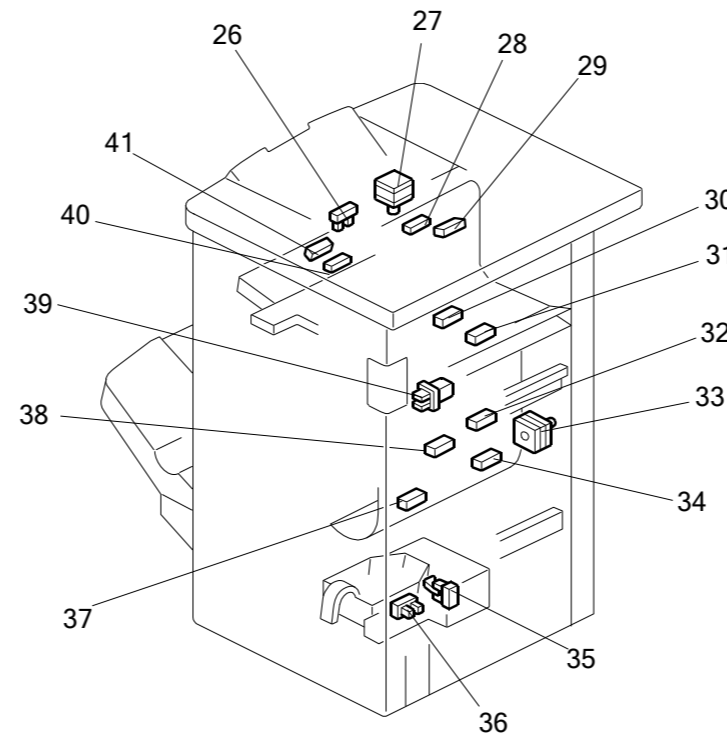
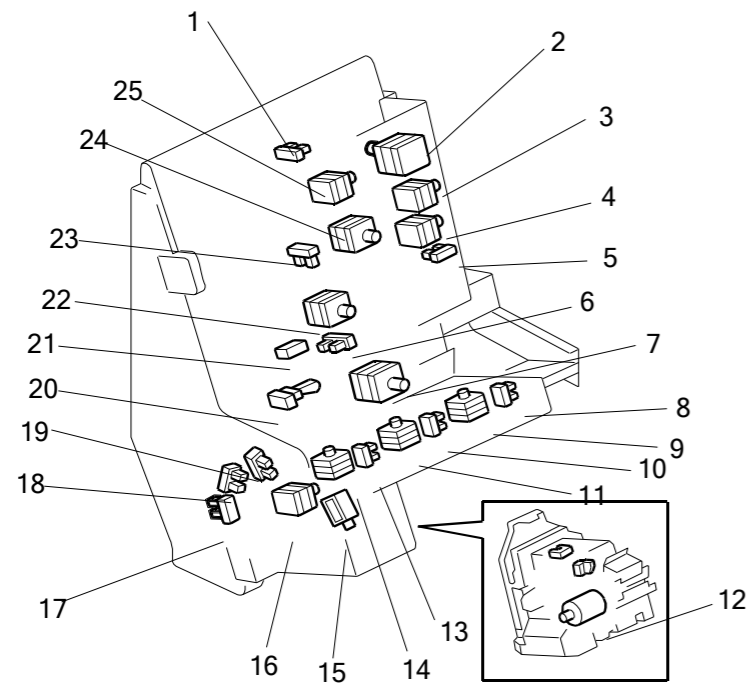
SYMBOL TABLE

- DC Line
- - - Pulse Signal
- Signal Direction
- ◀ Ready Low
- ▶ Ready High
- [] Voltage

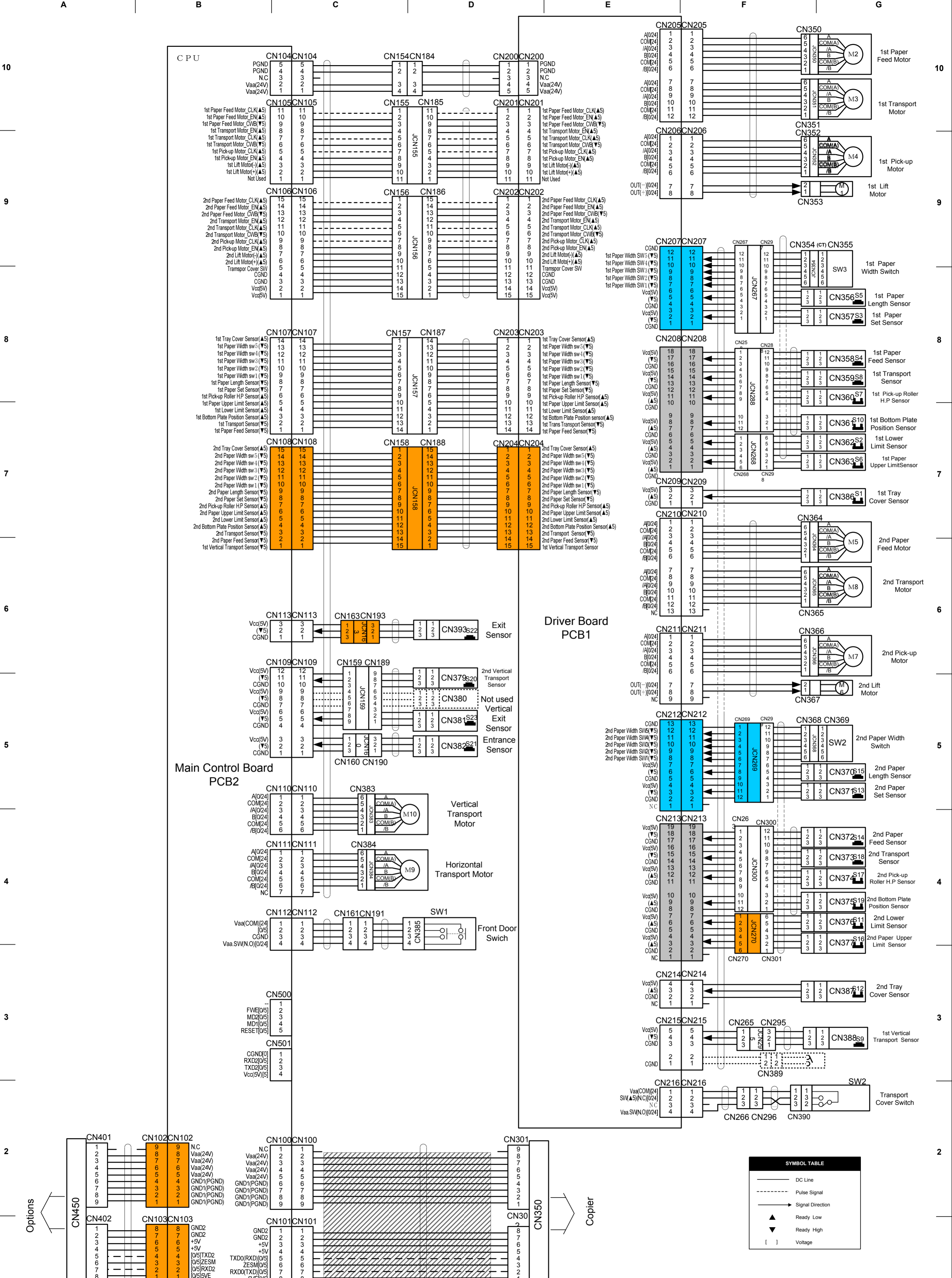


B830 Point toPoint Diagram 4/4

B830 ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Motors			
M1	46	Shift Tray Exit Motor	3-E1
M2	45	Shift Tray Lift Motor	3-E1
M3	27	Exit Guide Motor	4-F1
M4	33	Stapler Exit Motor	4-E1
M5	44	Upper Tray Exit Motor	3-F1
M6	67	Shift Motor	3-A1
M7	54	Upper Tray Junction Gate Motor	3-B1
M8	56	Stapler Junction Gate Motor	3-C1
M9	52	Pre-Stack Junction Gate Motor	3-C1
M10	53	Pre-Stack Transport Motor	3-D1
M11	50	Pre-Stack Stopper Motor	4-C1
M12	4	Positioning Roller Motor	3-D1
M13	3	Positioning Roller Drive Motor	3-C9
M14	71	Drag Drive Motor	3-A9
M15	72	Drag Roller Motor	3-A9
M16	24	Jogger Motor	3-B9
M17	25	Stack Feed-Out Belt Motor	3-B9
M18	11	Stack Plate Motor (Center)	3-C9
M19	14	Stack Plate Motor (Front)	3-D9
M20	9	Stack Plate Motor (Rear)	3-D9
M21	7	Stapler Movement Motor	4-B1
M22	16	Stapler Rotation Motor	4-A1
M23	12	Staple Hammer Motor	2-F1
M24	2	Top Fence Motor	3-E1
M25	22	Bottom Fence Motor	3-E9
M26	42	Upper Transport Motor	4-B8
M28	47	Lower Transport Motor	4-B8
M29	57	Punch Motor	4-D1
M30	58	Shift Tray Jogger Motor	4-D9
M31	74	Shift Tray Jogger Retraction Motor	4-D9
PCB			
PCB1	77	Main Board (Output Jogger)	4-E7
PCB2	48	Main Board	1-E5
Sensors			
S1	31	Entrance Sensor	1-B1
S2	29	Upper Tray Exit Sensor	1-B1
S3	28	Upper Tray Full Sensor	1-B1
S4	41	Shift Tray Exit Sensor 1	1-C1
S5	40	Shift Tray Exit Sensor 2	1-C1
S6	26	Exit Guide HP Sensor	1-C1
S7	60	Paper Height Sensor – Standby Mode	1-C1
S8	61	Paper Height Sensor – Staple Mode	1-D1
S9	62	Paper Height Sensor – Z-Fold Full	1-D1
S10	76	Paper Height Sensor – Shift/Z-Fold	1-D1
S11	64	Drag Drive HP Sensor	1-D1
S12	65	Shift Tray Half-Turn Sensor 1	1-E1
S13	66	Shift Tray Half-Turn Sensor 2	1-E1
S14	55	Upper Tray Junction Gate HP Sensor	1-B9
S15	43	Stapler Junction Gate HP Sensor	1-B9
S16	51	Pre-Stack Junction Gate HP Sensor	1-C9
S17	38	Pre-Stack Tray Paper Sensor (Right)	1-C9
S18	68	Shift Tray Full Sensor	1-C9
S19	70	Shift Tray Full Sensor (Large Paper)	1-C9
S20	69	Shift Tray Near-Full Sensor	1-D9
S21	37	Stapler Tray Exit Sensor	1-D9
S22	36	Staple Trimmings Hopper Full Sensor	1-D9
S23	35	Staple Trimmings Hopper Set Sensor	1-E9
S24	49	Pre-Stack Stopper HP Sensor	1-E9
S25	34	Pre-Stack Tray Paper Sensor (Left)	1-E9
S26	30	Stapler Tray Entrance Sensor	1-E9
S27	20	Stack Feed-Out Belt HP Sensor	2-A1
S28	21	Staple Tray Full Sensor	2-A1
S29	23	Jogger HP Sensor	2-B1
S30	6	Bottom Fence HP Sensor	2-B1
S31	1	Top Fence HP Sensor	2-B1
S32	5	Positioning Roller HP Sensor	2-B1
S33	10	Stack Plate HP Sensor (Center)	2-C1
S34	13	Stack Plate HP Sensor (Front)	2-C1
S35	8	Stack Plate HP Sensor (Rear)	2-C1
S36	17	Stapler HP Sensor (Front/Rear)	2-C1
S37	19	Stapler Rotation Sensor 1	2-D1
S38	18	Stapler Rotation Sensor 2	2-D1

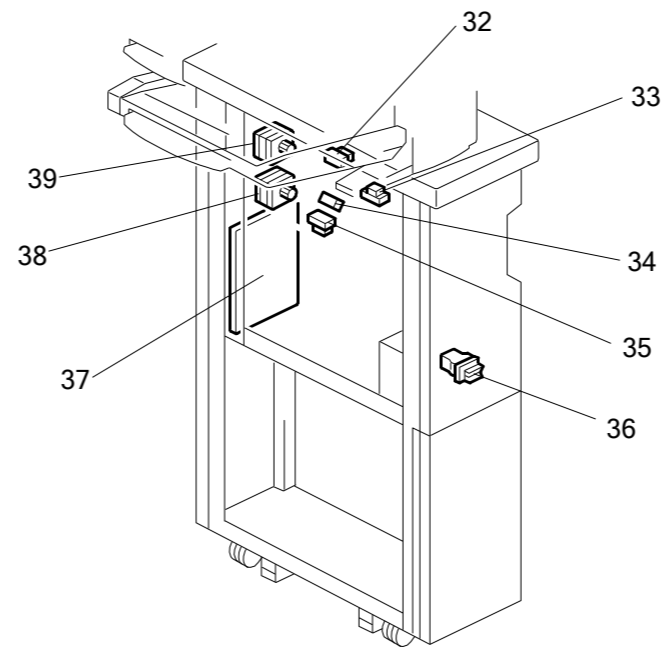
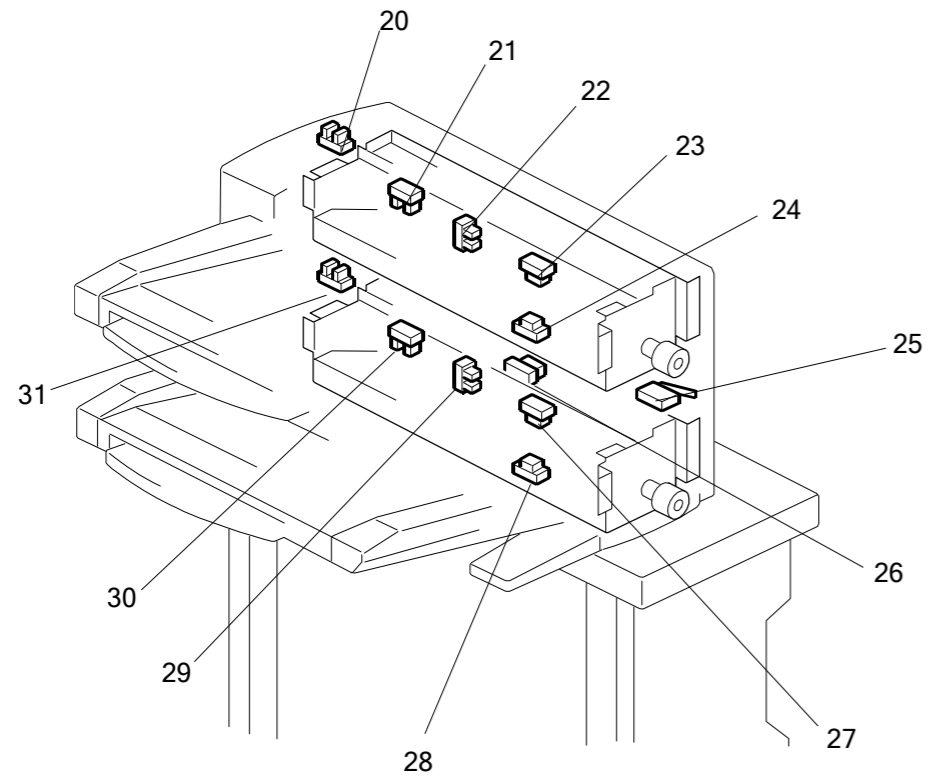
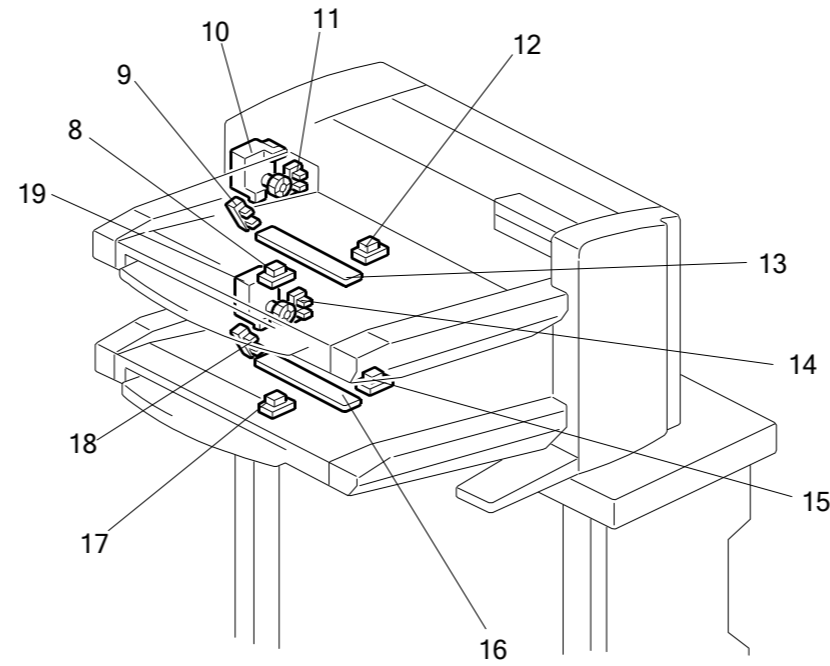
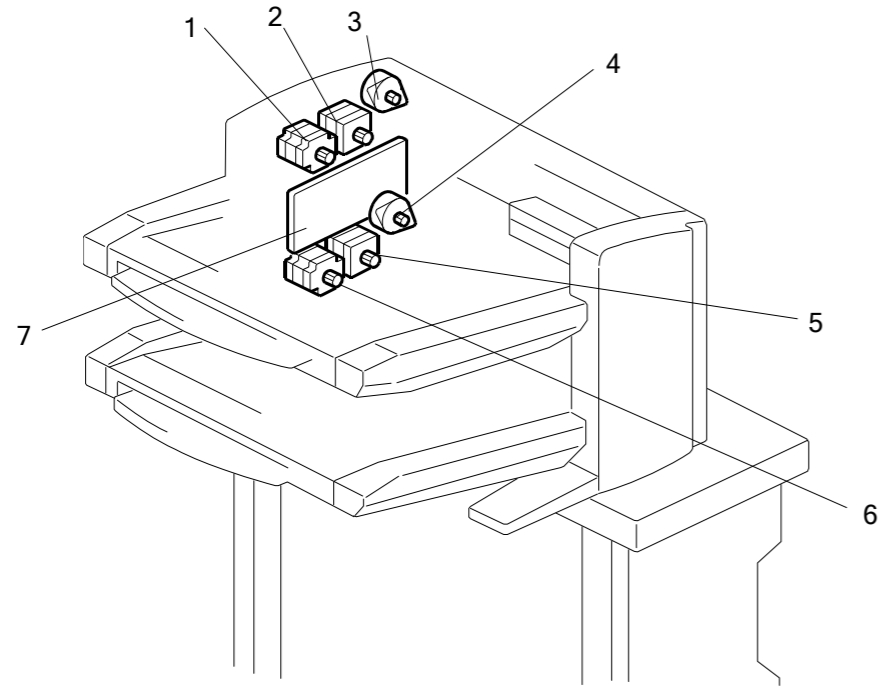


SYMBOL TABLE

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

B835 Point to Point Diagram

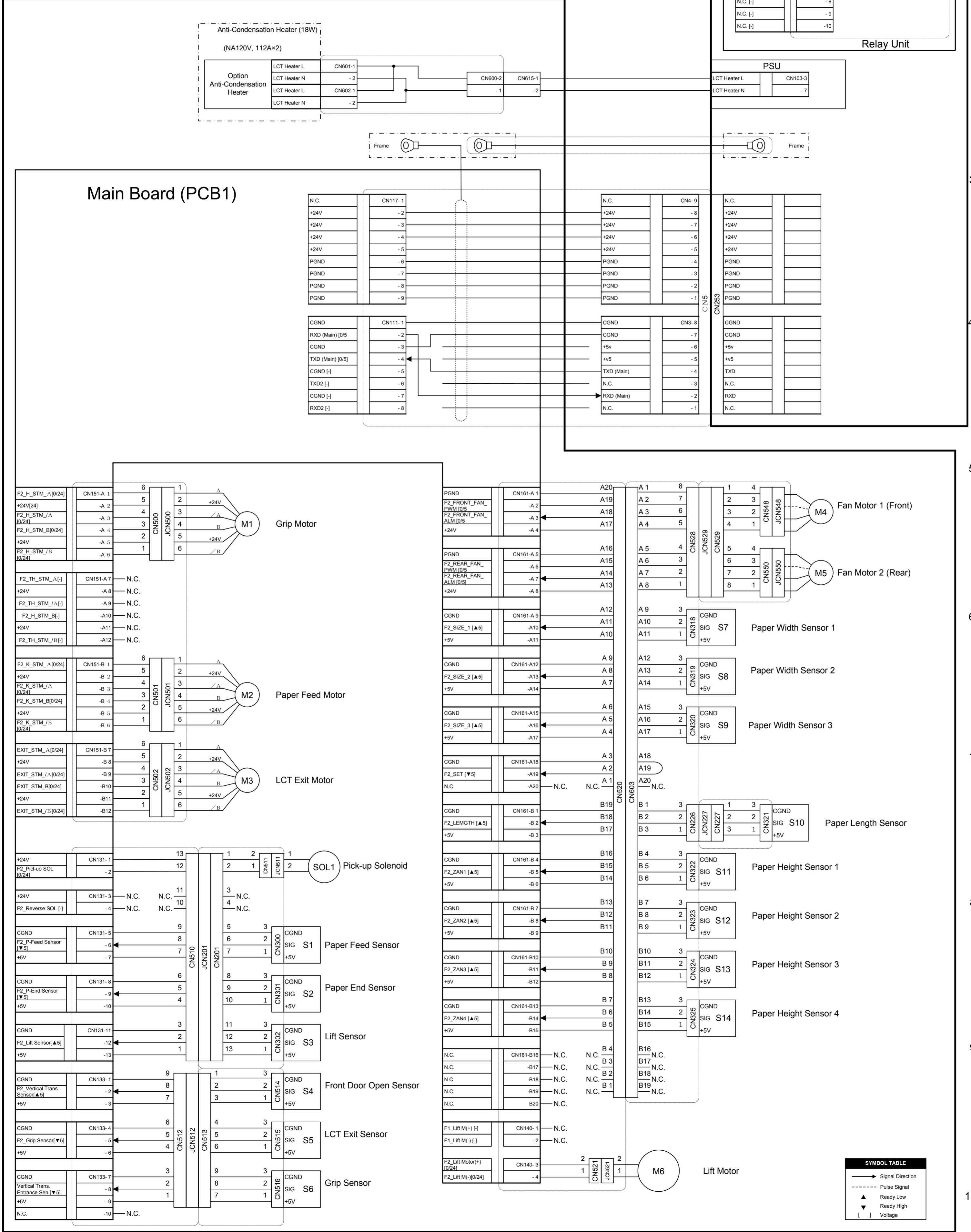
B835 ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Motors			
M1	10	1st Lift Motor	G9
M2	1	1st Paper Feed Motor	G10
M3	3	1st Pick-up Motor	G10
M4	2	1st Transport Motor	G9
M5	6	2nd Feed Motor	G6
M6	19	2nd Lift Motor	G5
M7	4	2nd Pick-up Motor	G6
M8	5	2nd Transport Motor	G6
M9	38	Horizontal Transport Motor	C4
M10	39	Vertical Transport Motor	C4
PCBs			
PCB1	7	Driver Board	E6
PCB2	37	Main Control Board	E5
Sensors			
S1	20	1st Tray Cover Sensor	G7
S2	11	1st Lower Limit Sensor	G7
S3	12	1st paper set sensor	G8
S4	24	1st Paper Feed Sensor	G8
S5	8	1st Paper Length Sensors	G8
S6	9	1st paper upper limit sensor	G7
S7	21	1st Pick-up Roller HP Sensor	G8
S8	23	1st Transport Sensor	G8
S9	26	1st Vertical Transport Sensor	G3
S10	22	1st bottom plate position sensor	G7
S11	14	2nd Lower Limit Sensor	G4
S12	31	2nd tray cover sensor	G3
S13	15	2nd paper set sensor	G5
S14	28	2nd Paper Feed Sensor	G4
S15	17	2nd Paper Length Sensor	G5
S16	18	2nd paper upper limit sensor	G4
S17	30	2nd Pick-up Roller HP Sensor	G4
S18	27	2nd Transport Sensor	G4
S19	29	2nd bottom plate position sensor	G4
S20	32	2nd Vertical Transport Sensor	D5
S21	33	Entrance Sensor	D5
S22	35	Exit Sensor	D6
S23	34	Vertical Exit Sensor	D5
Switches			
SW1	36	Front Door Switch	D4
SW2	25	Transport Cover Switch	G2
SW3	13	1st Paper Width Switch	G8
SW4	16	2nd Paper Width Switch	G5

LCIT RT4000 (D350) POINT TO POINT DIAGRAM

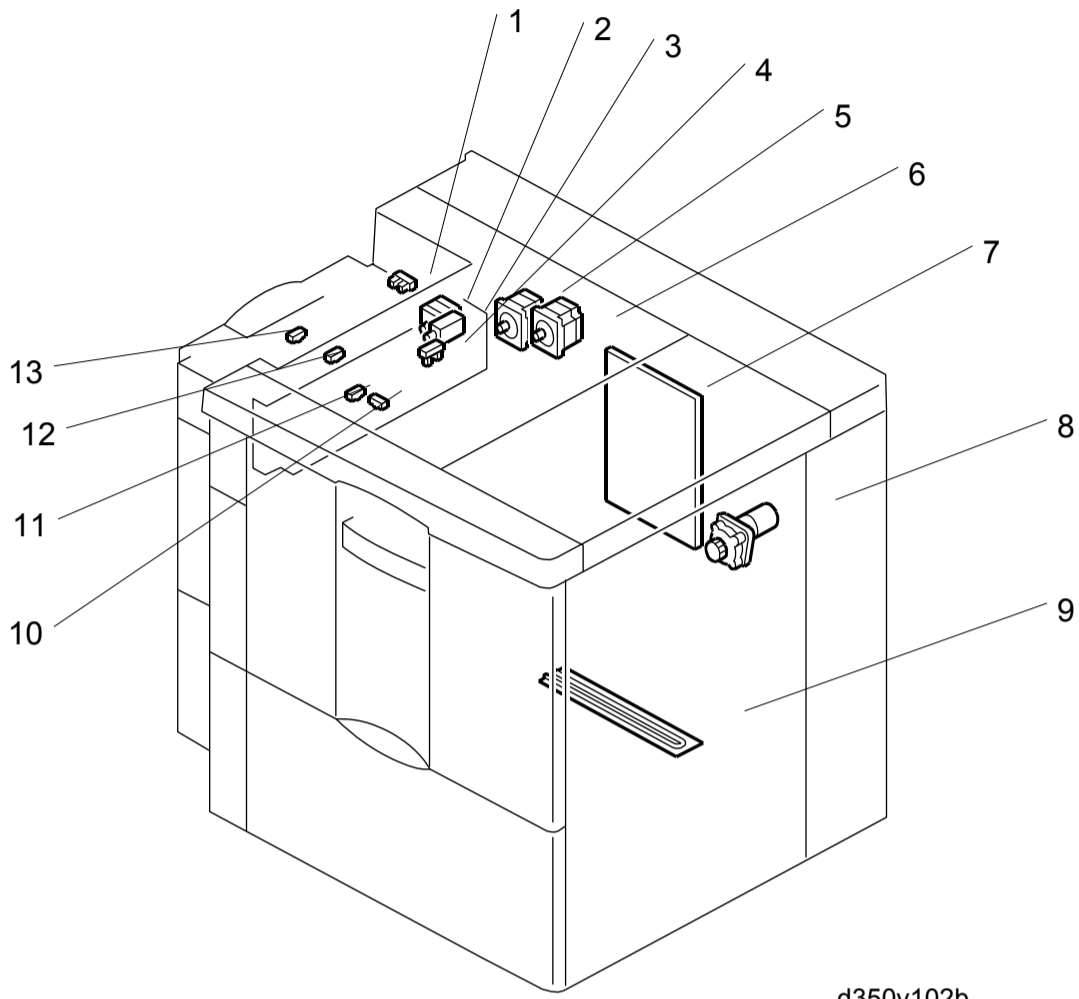
LCIT RT4000 Sheet (D350)



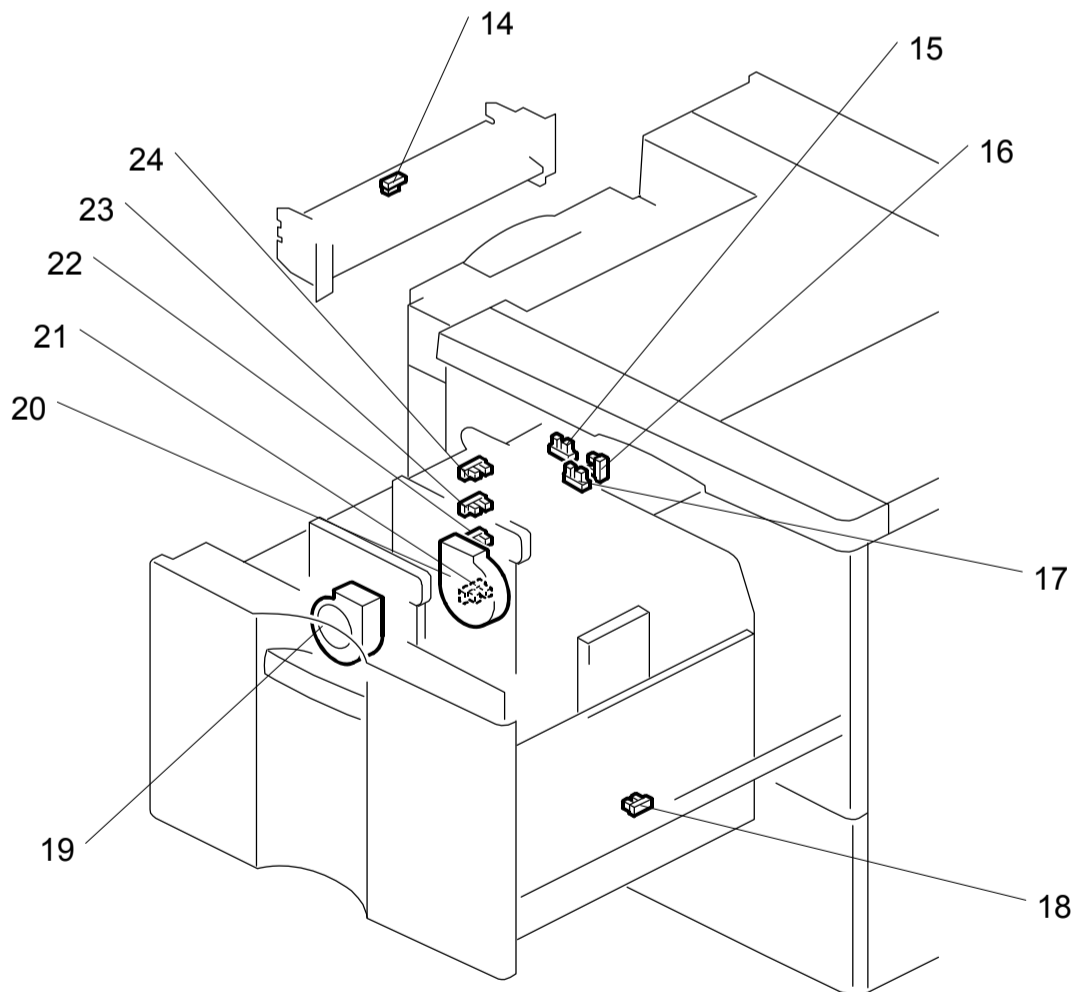
SYMBOL TABLE

- Signal Direction
- Pulse Signal
- ▲ Ready Low
- ▼ Ready High
- [] Voltage

D350 ELECTRICAL COMPONENT LAYOUT



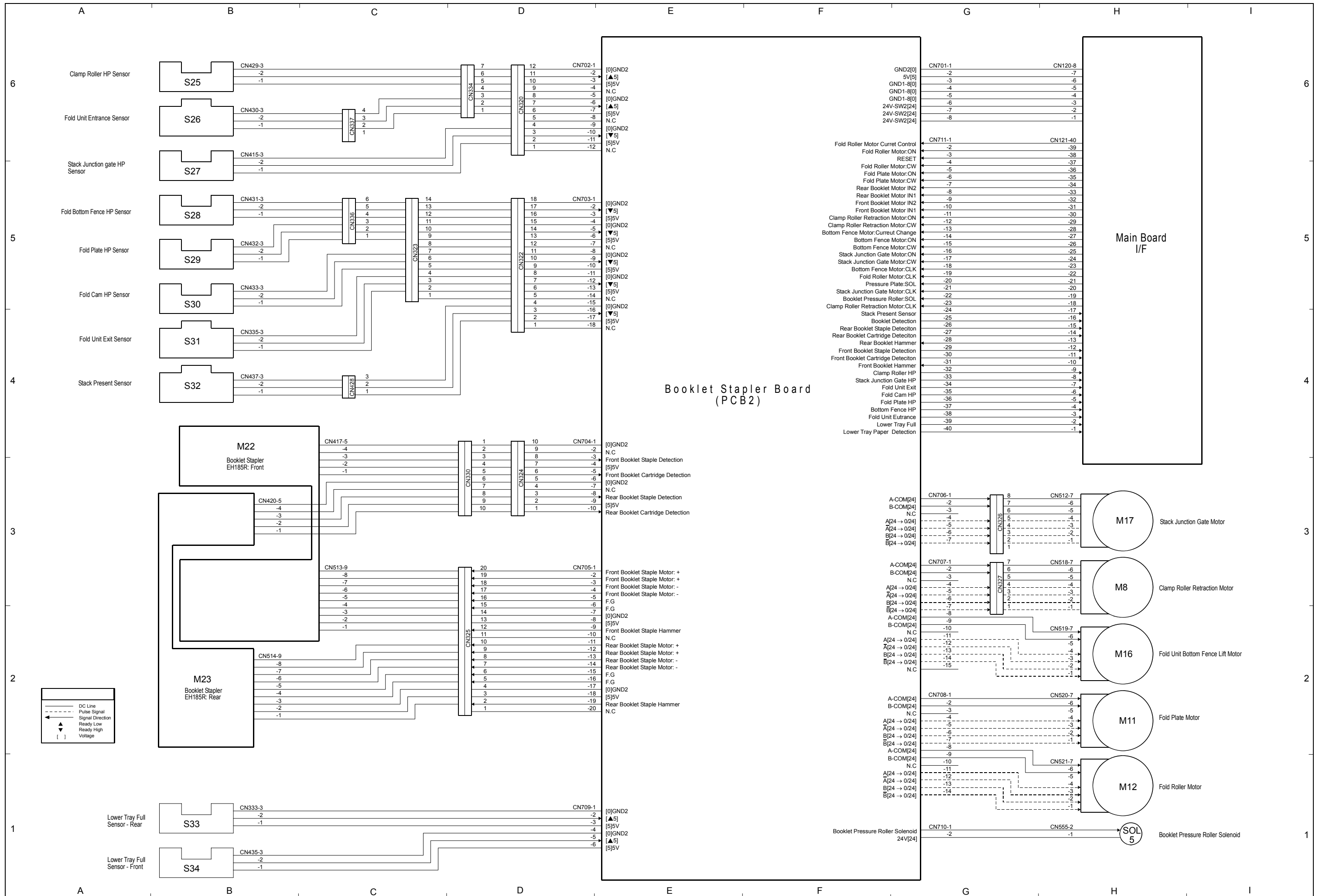
d350v102b



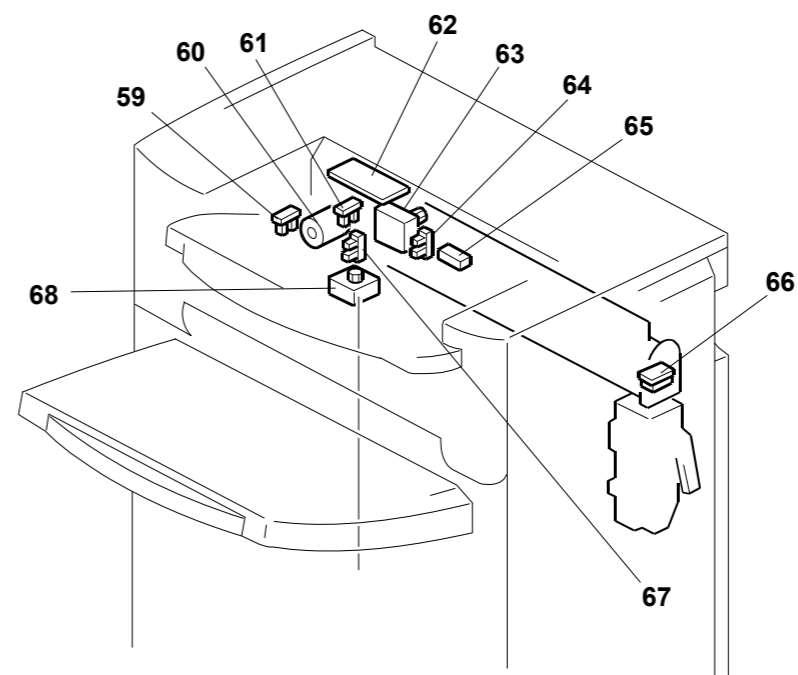
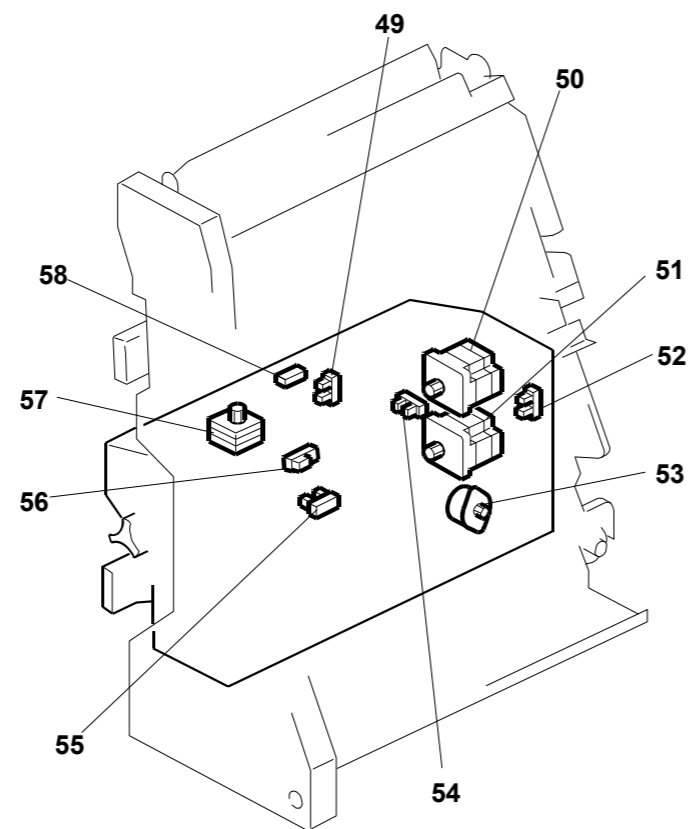
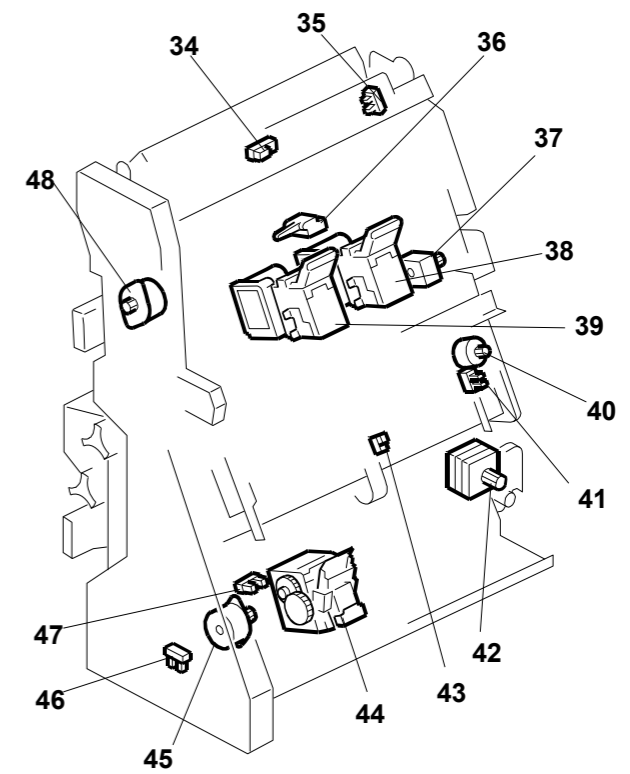
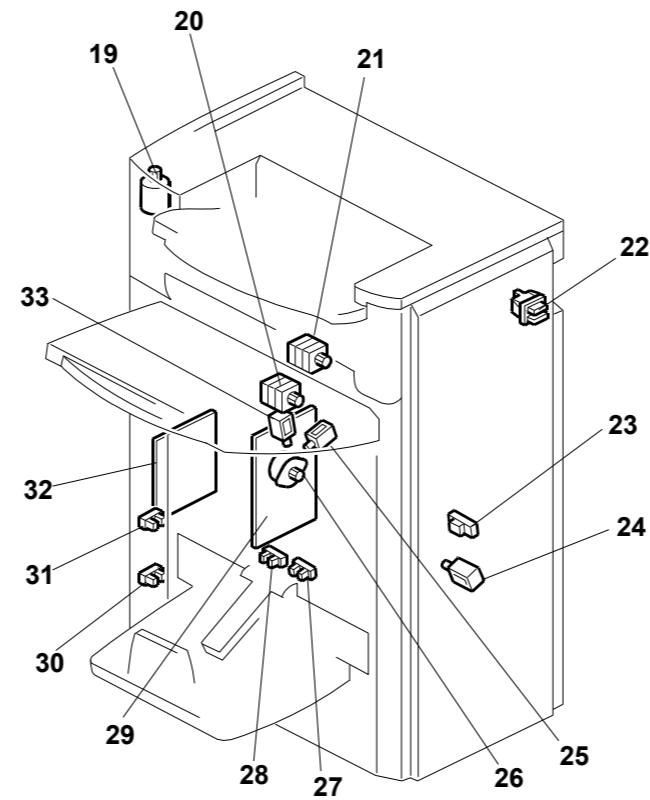
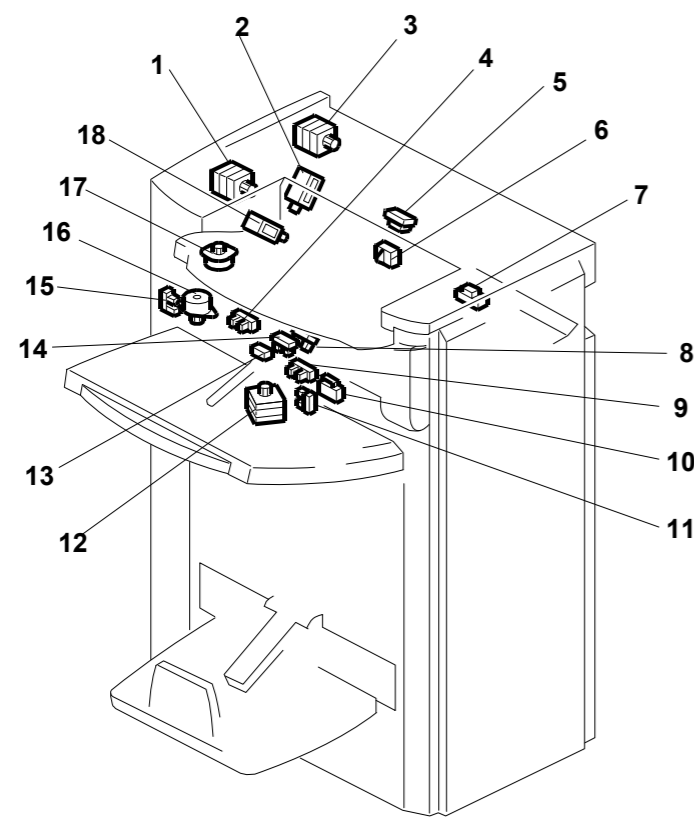
d350v102a

Symbol	Index No.	Name	P to P
Motors			
M1	5	Grip Motor	5B
M2	2	Paper Feed Motor	7B
M3	6	LCT Exit Motor	7B
M4	19	Fan Motor 1 (Front)	5F
M5	20	Fan Motor 2 (Rear)	6F
M6	8	Lift Motor	10E
Sensors			
S1	11	Paper Feed Sensor	8C
S2	10	Paper End Sensor	9C
S3	4	Lift Sensor	9C
S4	1	Front Door Open	9C
S5	13	LCT Exit Sensor	10C
S6	12	Grip Sensor	10C
S7	16	Paper Width Sensor 1	6F
S8	17	Paper Width Sensor 2	6F
S9	15	Paper Width Sensor 3	4F
S10	18	Paper Length Sensor	7F
S11	24	Paper Height Sensor 1	8F
S12	23	Paper Height Sensor 2	8F
S13	22	Paper Height Sensor 3	8F
S14	21	Paper Height Sensor 4	9F
S15	14	Relay Sensor	1G
Solenoid			
SOL1	3	Pick-up Solenoid	8C
PCB			
PCB1	7	Main Board	3A
Heater			
H1	9	Anti-Condensation	2B

2000/3000 SHEET FINISHER (B804/B805/D373/D374)POINT TO POINT DIAGRAM(2/2)



2000/3000 SHEET FINISHER (B804/B805/D373/D374) ELECTRICAL COMPONENT LAYOUT (1/2)



2000/3000 SHEET FINISHER (B804/B805/D373/D374) 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 Motor	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 Motor	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 (B700/B701)	31	B3	1/2
S20	Upper Tray Full Sensor (B701 only)	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
Solenoids				
SOL1	Proof Junction Gate Solenoid	18	I4	1/2
SOL2	Stapling Tray Junction Gate Solenoid	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 Solenoid	33	H5	2/2
Switches				
SW1	Front Door Safety Switch	22	E5	1/2
SW2	Upper Tray Limit SW	10	I1	1/2