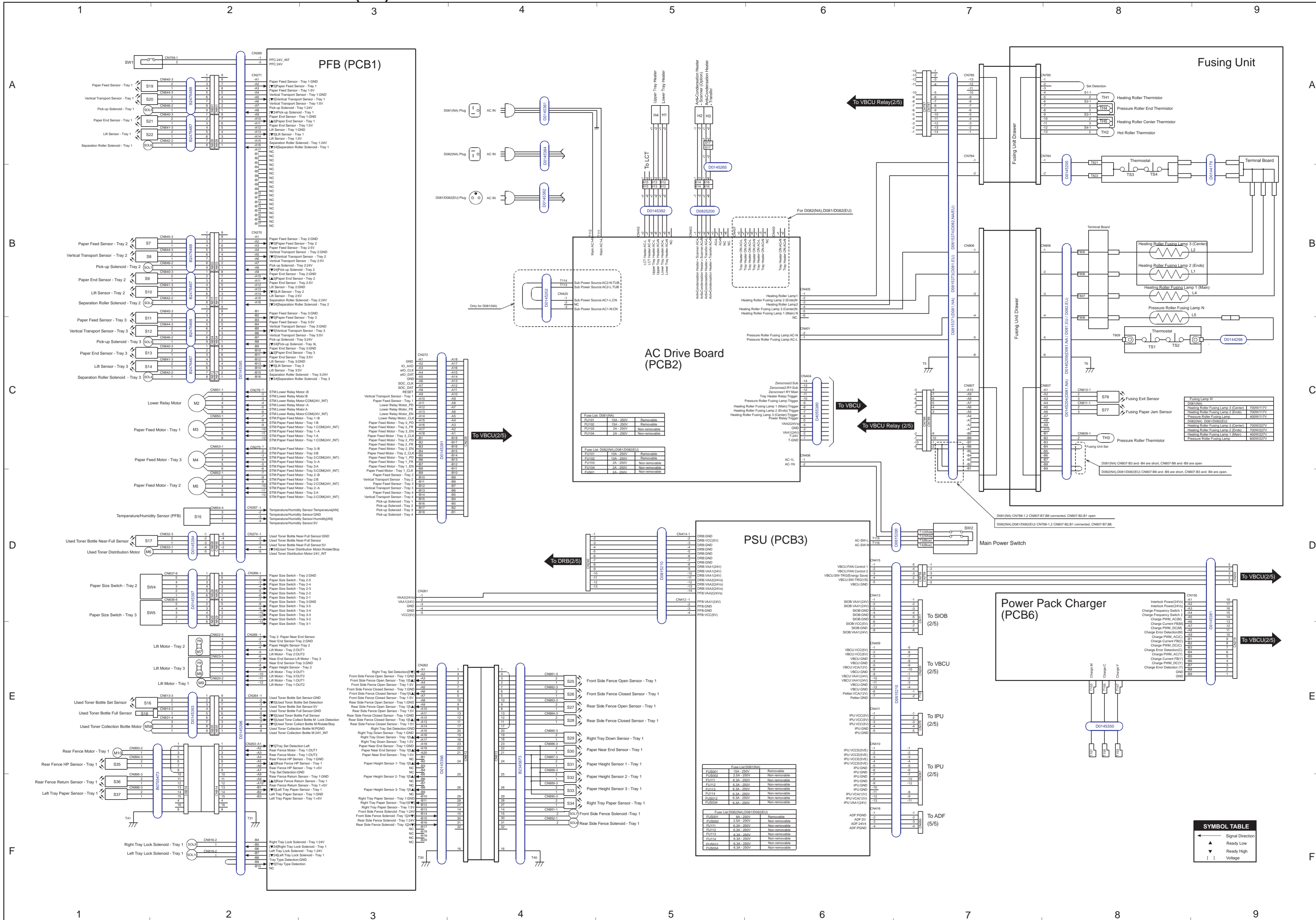
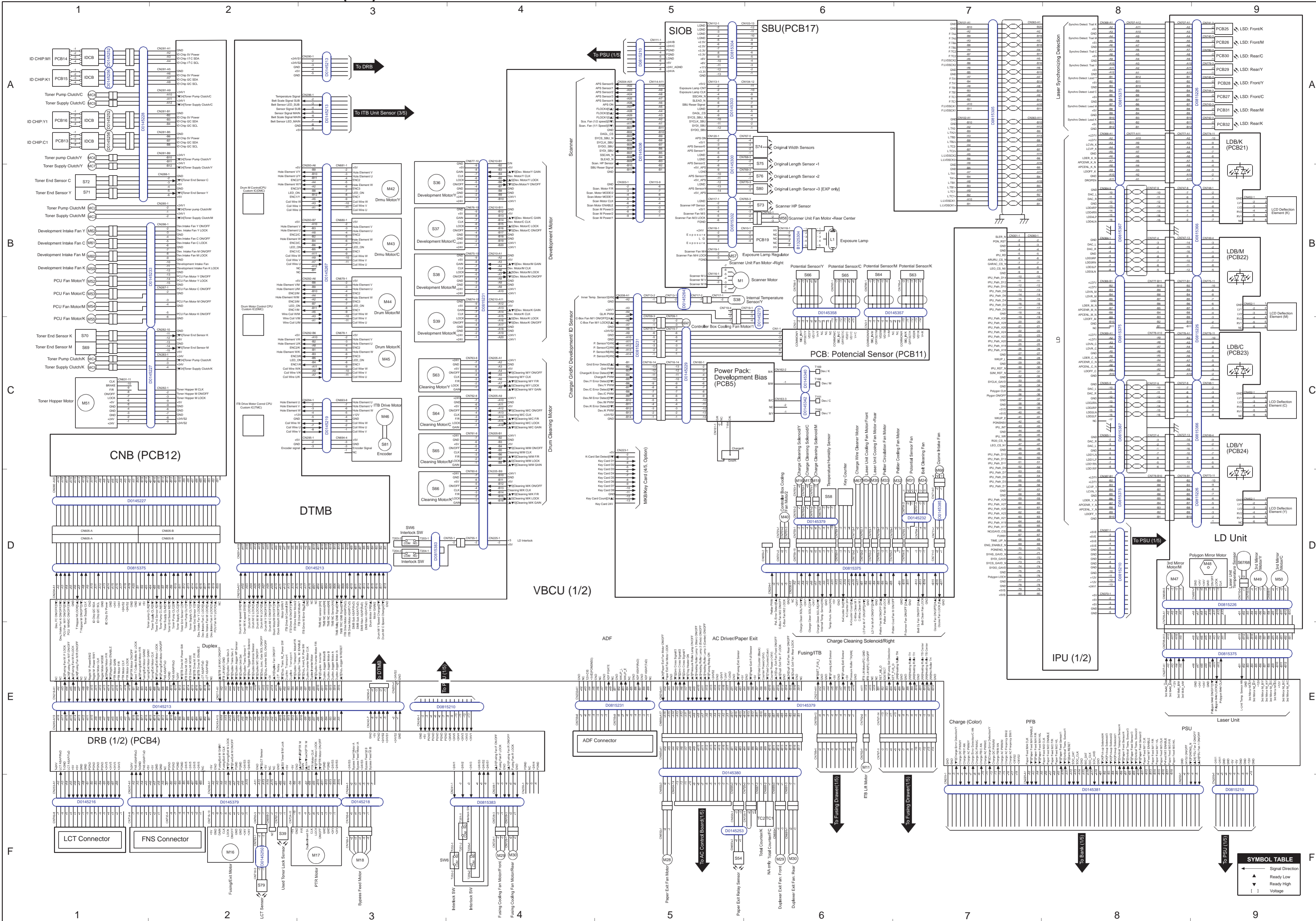


D081/D082 POINT TO POINT DIAGRAM (1/4)

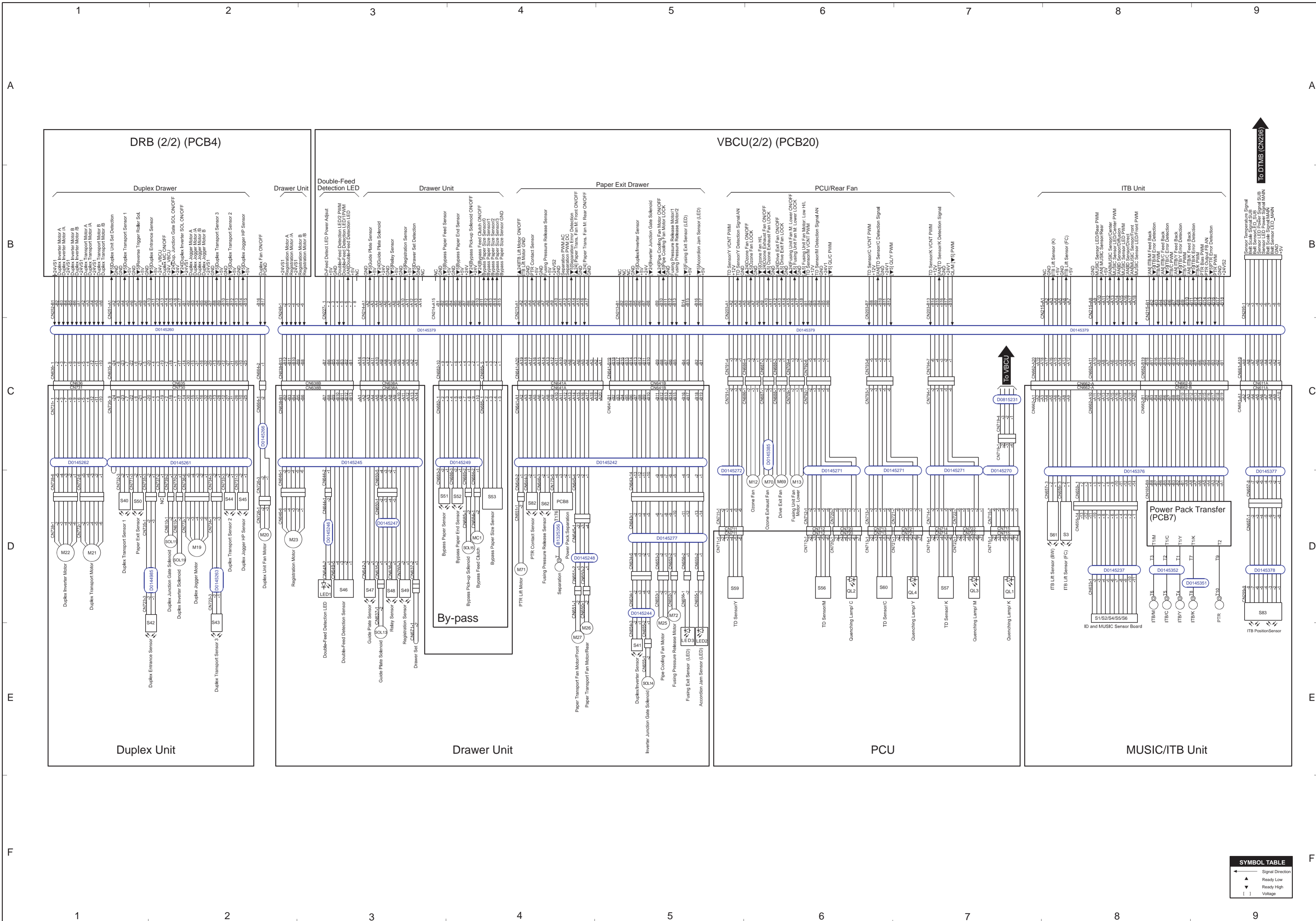


D081/D082 POINT TO POINT DIAGRAM (2/4)



SYMBOL TABLE

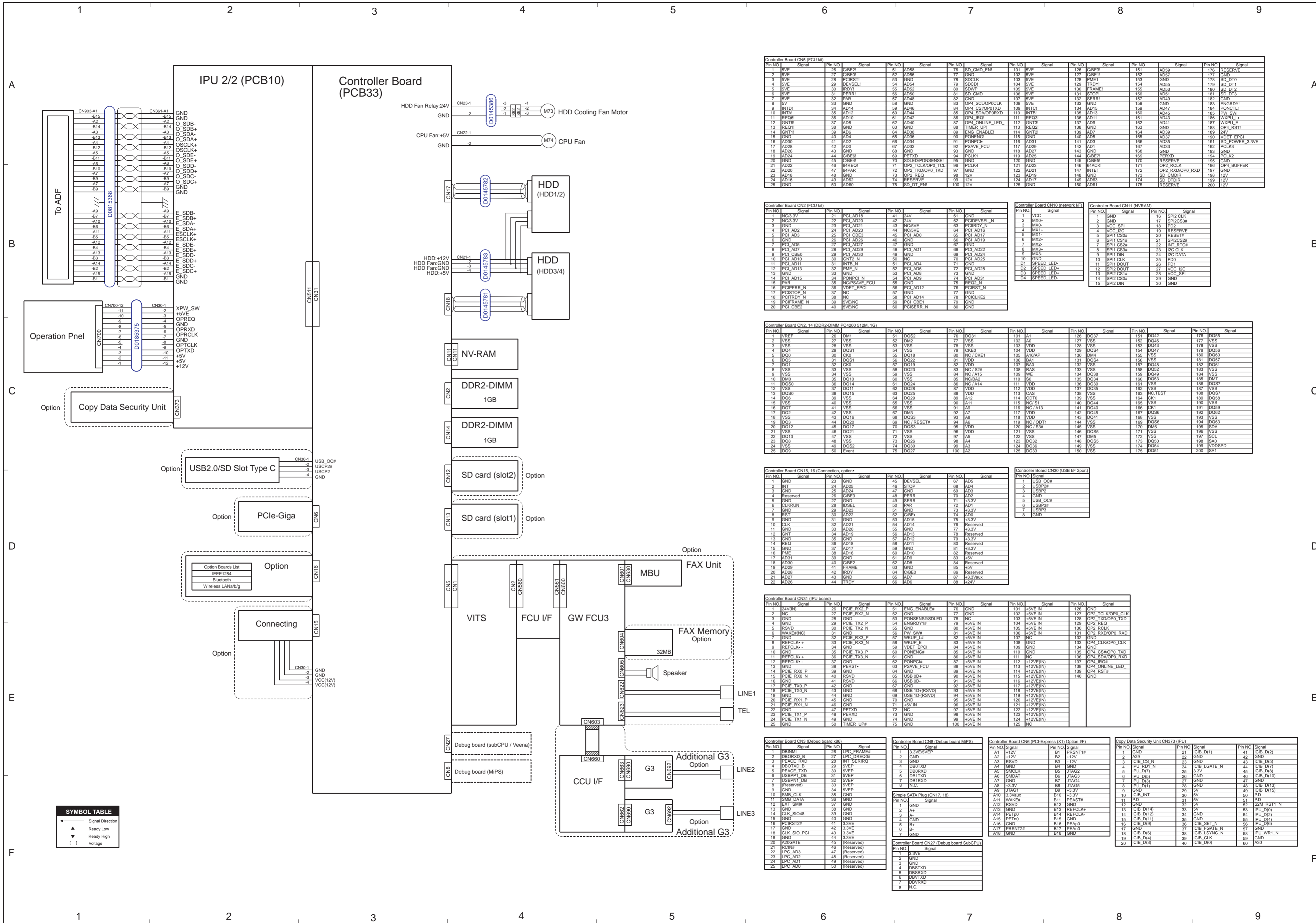
- ← Signal Direction
- ▲ Ready Low
- ▼ Ready High
- [] Voltage



SYMBOL TABLE

| | |
|---|------------------|
| ← | Signal Direction |
| ▲ | Ready Low |
| ▼ | Ready High |
| | Voltage |

D081/D082 POINT TO POINT DIAGRAM (4/4)



| Controller Board CN5 (FCU kit) | | | |
|--------------------------------|--------|---------|---------|
| Pin NO. | Signal | Pin NO. | Signal |
| 1 | SVE | 27 | CBE1 |
| 2 | SVE | 28 | CBE0 |
| 3 | SVE | 28 | PCIRST1 |
| 4 | SVE | 29 | DEVSSEL |
| 5 | SVE | 30 | IRDY1 |
| 6 | SVE | 31 | PERR1 |
| 7 | SVE | 32 | AD48 |
| 8 | SVE | 33 | GND |
| 9 | INT0 | 34 | AD14 |
| 10 | INTAL | 35 | AD12 |
| 11 | RE0B | 36 | AD10 |
| 12 | INT0E | 37 | AD8 |
| 13 | RE0E | 38 | GND |
| 14 | INT1 | 39 | AD6 |
| 15 | AD30 | 40 | AD4 |
| 16 | AD28 | 41 | AD2 |
| 17 | AD26 | 42 | AD0 |
| 18 | AD24 | 43 | GND |
| 19 | AD22 | 44 | CBE1 |
| 20 | GND | 45 | CBE0 |
| 21 | AD20 | 46 | BARREQ |
| 22 | AD18 | 47 | 64PAR |
| 23 | AD16 | 48 | GND |
| 24 | AD14 | 49 | AD2 |
| 25 | GND | 50 | AD0 |

| Controller Board CN2 (FCU kit) | | | |
|--------------------------------|-------------|---------|--------------|
| Pin NO. | Signal | Pin NO. | Signal |
| 1 | NC3.3V | 21 | PCI AD18 |
| 2 | NC3.3V | 22 | PCI AD20 |
| 3 | GND | 23 | PCI AD21 |
| 4 | PCI AD2 | 24 | PCI AD23 |
| 5 | PCI AD3 | 25 | PCI CBE3 |
| 6 | PCI AD5 | 26 | PCI AD26 |
| 7 | PCI AD7 | 27 | PCI AD27 |
| 8 | PCI AD7 | 28 | PCI AD28 |
| 9 | PCI AD10 | 29 | PCI AD30 |
| 10 | PCI AD10 | 30 | GN12. N |
| 11 | PCI AD11 | 31 | INTB. N |
| 12 | PCI AD13 | 32 | GN12. N |
| 13 | GND | 33 | GND |
| 14 | PCI AD15 | 34 | PCPNP. N |
| 15 | PAR | 35 | INPSAVE. FCU |
| 16 | PCIPERR. N | 36 | VDET. EPCI |
| 17 | PCISTOP. N | 37 | NC |
| 18 | PCIRSTDY. N | 38 | PCIRSTDY. N |
| 19 | PCIFRAME. N | 39 | SVE/NC |
| 20 | PCI CBE2 | 40 | SVE/NC |

| Controller Board CN2. 14 (DDR2-DIMM PC4200 512M, 1G) | | | |
|--|--------|---------|--------|
| Pin NO. | Signal | Pin NO. | Signal |
| 1 | VREF | 26 | DM1 |
| 2 | VSS | 27 | VSS |
| 3 | VSS | 28 | VSS |
| 4 | DQ4 | 29 | DQS1 |
| 5 | DQ0 | 30 | CK0 |
| 6 | DQ5 | 31 | DQS1 |
| 7 | DQ1 | 32 | CK0 |
| 8 | VSS | 33 | VSS |
| 9 | VSS | 34 | VSS |
| 10 | DQ8 | 35 | DQS2 |
| 11 | DQ0 | 36 | DQ14 |
| 12 | VSS | 37 | DQ11 |
| 13 | DQ0 | 38 | DQ15 |
| 14 | DQ8 | 39 | VSS |
| 15 | VSS | 40 | VSS |
| 16 | DO2 | 41 | VSS |
| 17 | DO2 | 42 | VSS |
| 18 | VSS | 43 | DQ16 |
| 19 | DQ0 | 44 | DQ0 |
| 20 | DQ12 | 45 | DQ17 |
| 21 | VSS | 46 | DQ21 |
| 22 | DQ13 | 47 | VSS |
| 23 | DQ8 | 48 | VSS |
| 24 | VSS | 49 | DQ52 |
| 25 | DQ8 | 50 | Event |

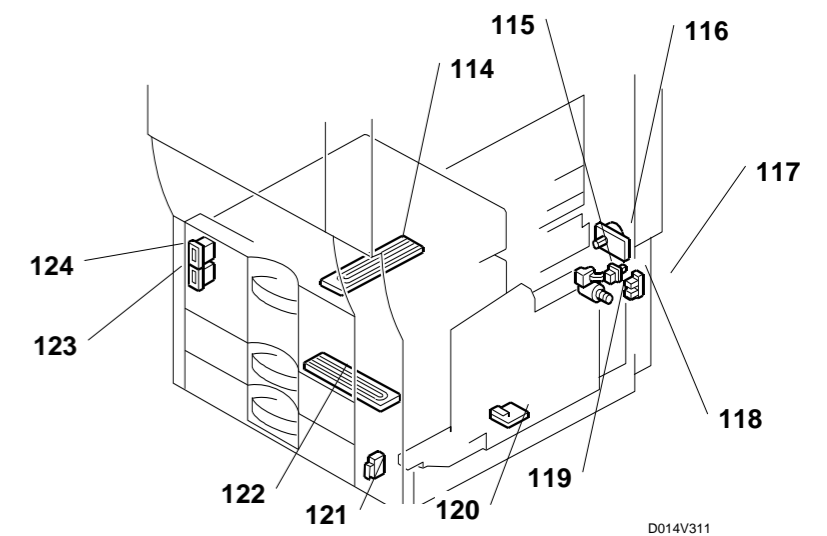
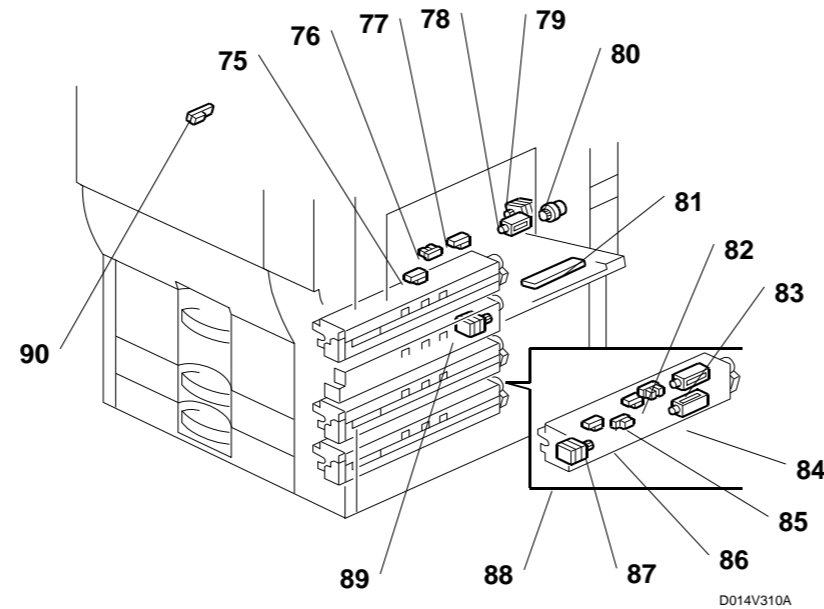
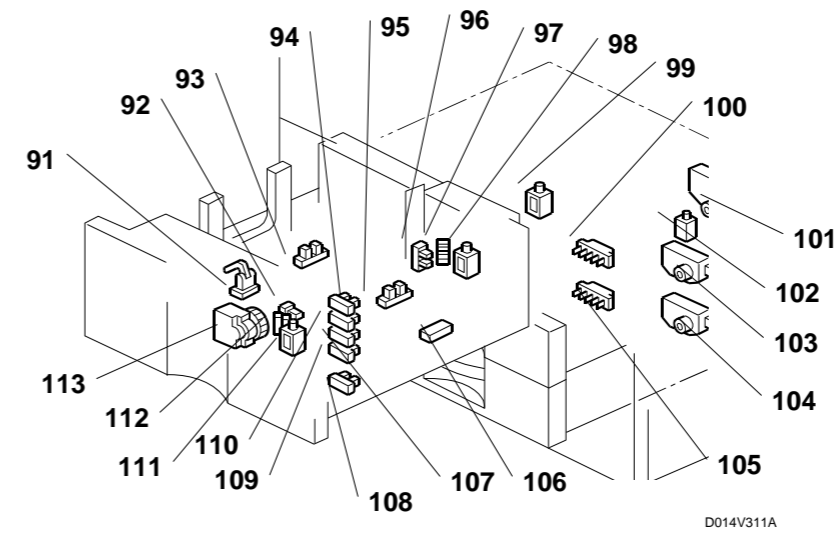
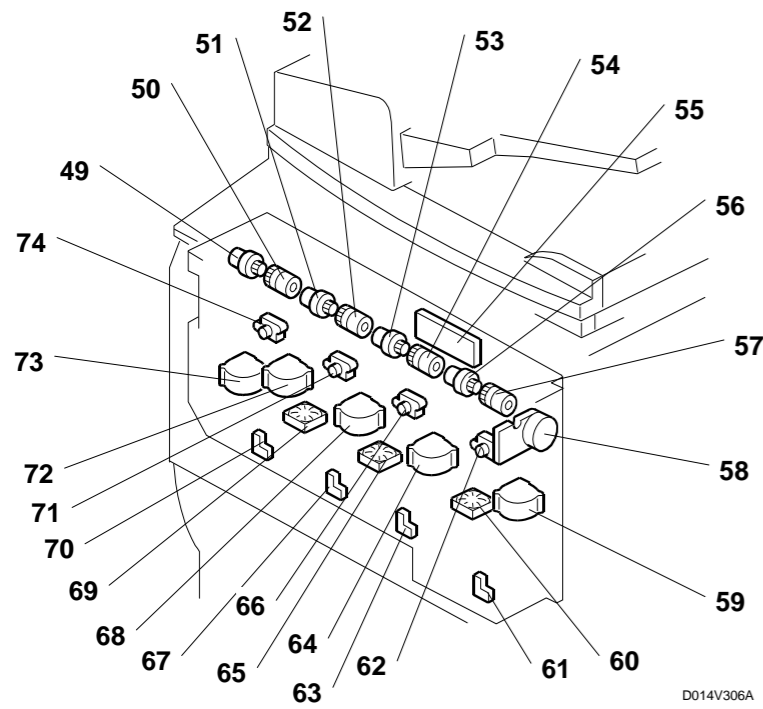
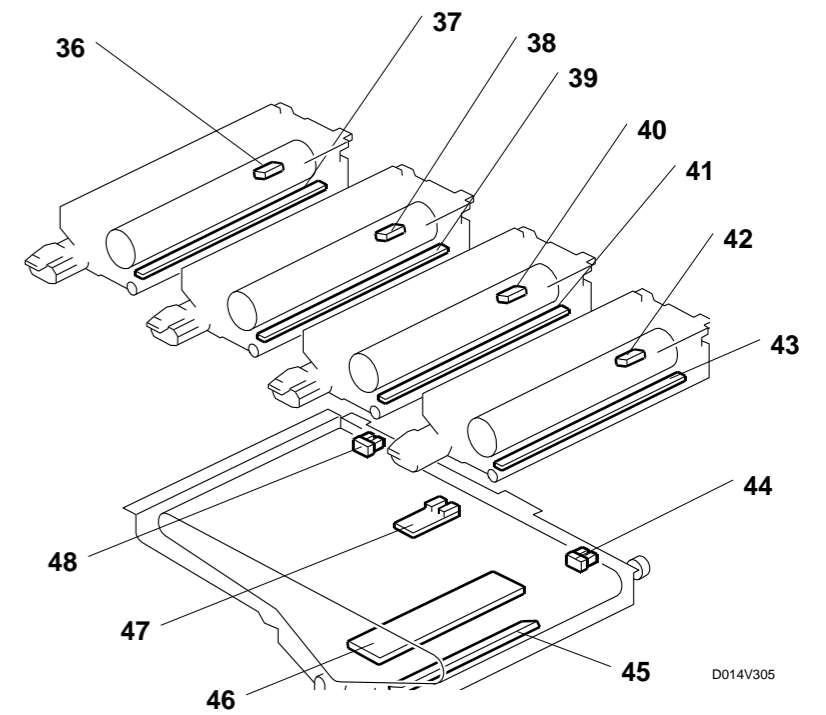
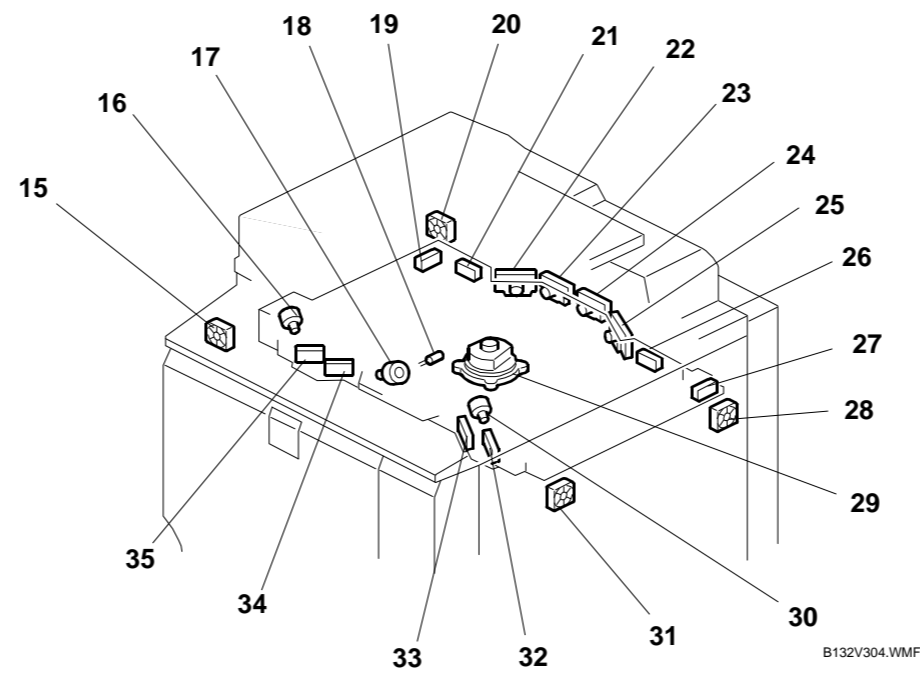
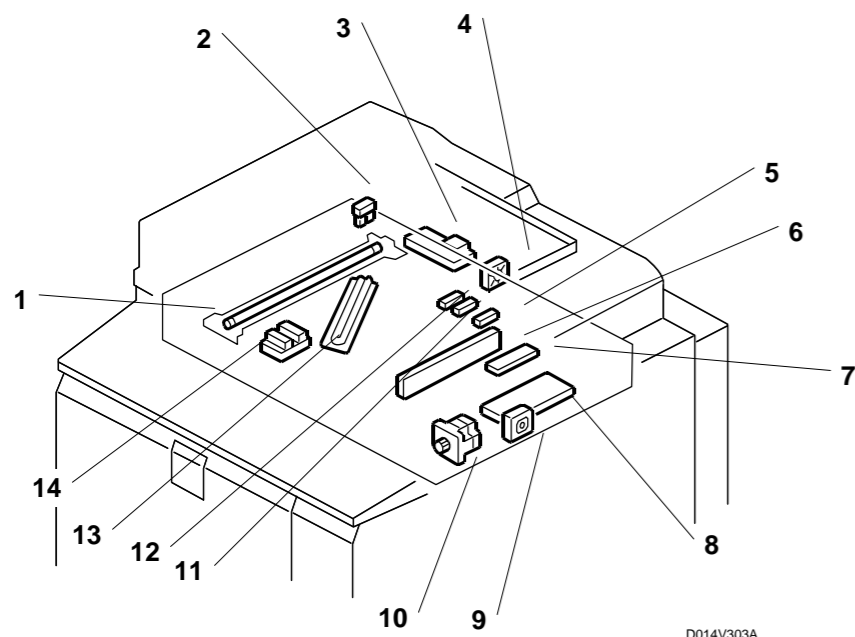
| Controller Board CN15. 16 (Connection, option*) | | | |
|---|----------|---------|--------|
| Pin NO. | Signal | Pin NO. | Signal |
| 1 | GND | 24 | AD25 |
| 2 | INT | 25 | AD24 |
| 3 | Reserved | 26 | CBE1 |
| 4 | GND | 27 | GND |
| 5 | GND | 28 | ISEL |
| 6 | CLKRUN | 29 | AD23 |
| 7 | GND | 30 | AD22 |
| 8 | RST | 31 | GND |
| 9 | GND | 32 | RME. N |
| 10 | GND | 33 | AD20 |
| 11 | GND | 34 | AD19 |
| 12 | INT | 35 | GND |
| 13 | REFCLK+ | 36 | AD18 |
| 14 | REFCLK- | 37 | AD17 |
| 15 | GND | 38 | AD16 |
| 16 | RME | 39 | GND |
| 17 | AD31 | 40 | RSVD |
| 18 | AD30 | 41 | FRAME |
| 19 | AD29 | 42 | IRDY |
| 20 | AD28 | 43 | GND |
| 21 | AD27 | 44 | TRDY |
| 22 | AD26 | 45 | AD6 |

| Controller Board CN31 (IPU board) | | | |
|-----------------------------------|-------------|---------|-------------|
| Pin NO. | Signal | Pin NO. | Signal |
| 1 | 24V(IN) | 26 | PCIE RX2. P |
| 2 | NC | 27 | PCIE RX2. N |
| 3 | GND | 28 | GND |
| 4 | GND | 29 | PCIE TX2. P |
| 5 | RSVD | 30 | PCIE TX2. N |
| 6 | WAKE(INC) | 31 | GND |
| 7 | REFCLK+ | 32 | PCIE RX3. P |
| 8 | REFCLK- | 33 | PCIE RX3. N |
| 9 | REFCLK+ | 34 | GND |
| 10 | GND | 35 | PCIE TX3. P |
| 11 | REFCLK+ | 36 | PCIE TX3. N |
| 12 | REFCLK+ | 37 | GND |
| 13 | GND | 38 | PERST+ |
| 14 | PCIE RX0. P | 39 | GND |
| 15 | PCIE RX0. N | 40 | RSVD |
| 16 | GND | 41 | RSVD |
| 17 | PCIE TX0. P | 42 | GND |
| 18 | PCIE TX0. N | 43 | GND |
| 19 | GND | 44 | GND |
| 20 | PCIE RX1. P | 45 | GND |
| 21 | PCIE RX1. N | 46 | GND |
| 22 | GND | 47 | PERXD |
| 23 | PCIE TX1. P | 48 | PERXD |
| 24 | PCIE TX1. N | 49 | GND |
| 25 | GND | 50 | TIMER_UP# |

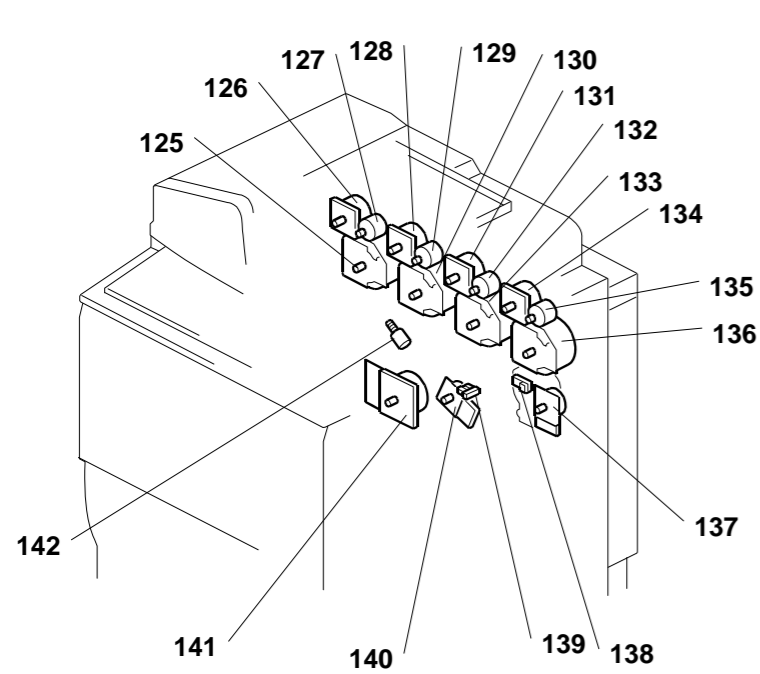
| Controller Board CN3 (Debug board x86) | | | |
|--|--------------|---------|------------|
| Pin NO. | Signal | Pin NO. | Signal |
| 1 | DBRM1 | 27 | LPC_FRAME# |
| 2 | DBORXD_B | 27 | LPC_DREQ0# |
| 3 | DBORXD_R | 28 | INT_SERRIQ |
| 4 | DBOTXD_B | 29 | SWP |
| 5 | DBORXD_T | 30 | SWEP |
| 6 | DBSPPT_DB | 31 | SWEP |
| 7 | DBSPNT_DB | 32 | SWEP |
| 8 | (Reserved) | 33 | SWEP |
| 9 | GND | 34 | SWEP |
| 10 | SMB_CLK | 35 | GND |
| 11 | SMB_DATA | 36 | GND |
| 12 | EXT_SMI# | 37 | GND |
| 13 | GND | 38 | GND |
| 14 | CLK_SIO#48 | 39 | GND |
| 15 | GND | 40 | GND |
| 16 | PCIRST2# | 41 | 3.3VE |
| 17 | GND | 42 | 3.3VE |
| 18 | CLK_SIO# PCI | 43 | 3.3VE |
| 19 | GND | 44 | 3.3VE |
| 20 | AD0GATE | 45 | (Reserved) |
| 21 | RCIN# | 46 | (Reserved) |
| 22 | LPC_AD3 | 47 | (Reserved) |
| 23 | LPC_AD2 | 48 | (Reserved) |
| 24 | LPC_AD1 | 49 | (Reserved) |
| 25 | LPC_AD0 | 50 | (Reserved) |

| SYMBOL TABLE | |
|--------------|------------------|
| ← | Signal Direction |
| ▾ | Ready Low |
| ▴ | Ready High |
| | Voltage |

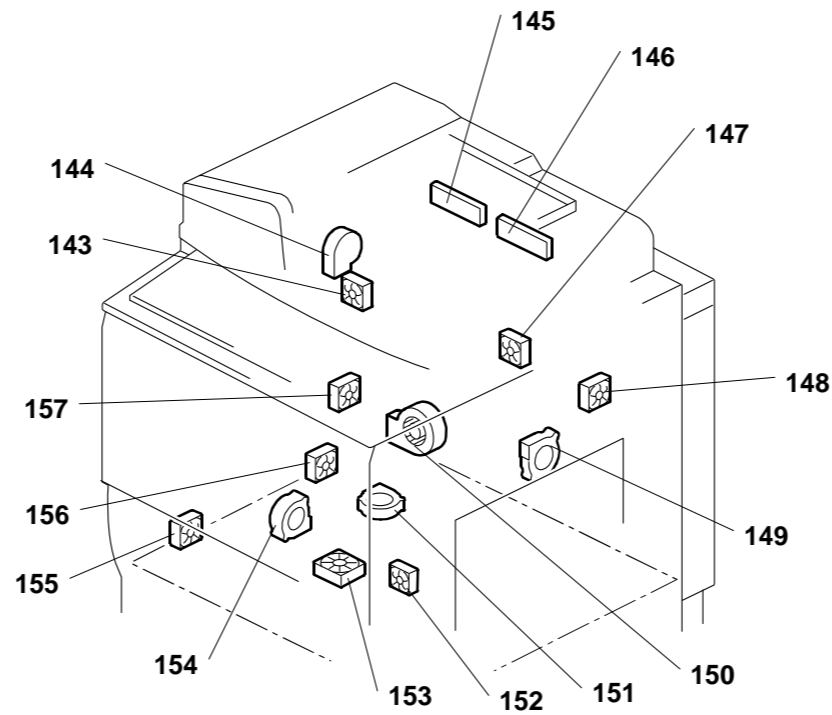
D081/D082 ELECTRICAL COMPONENT LAYOUT (1/3)



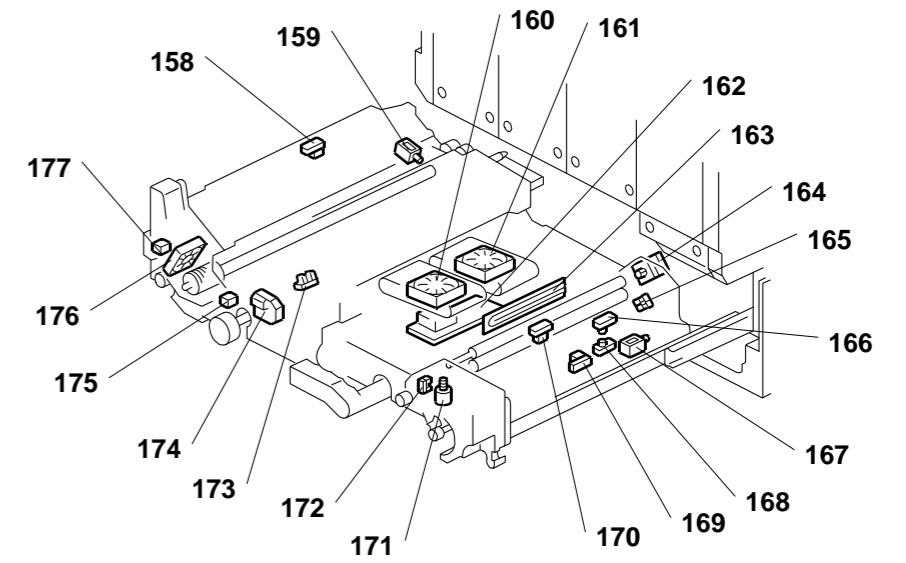
D081/D082 ELECTRICAL COMPONENT LAYOUT (2/3)



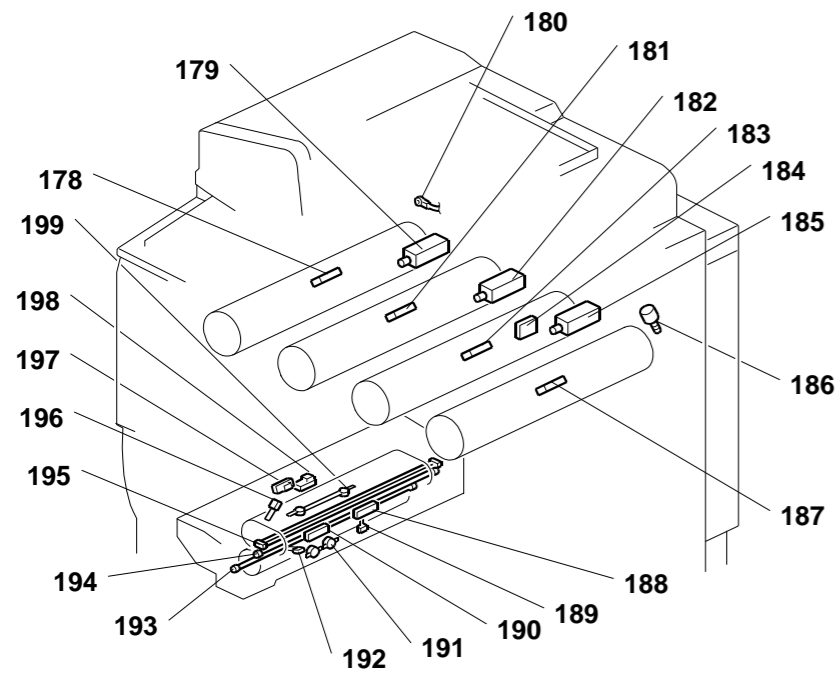
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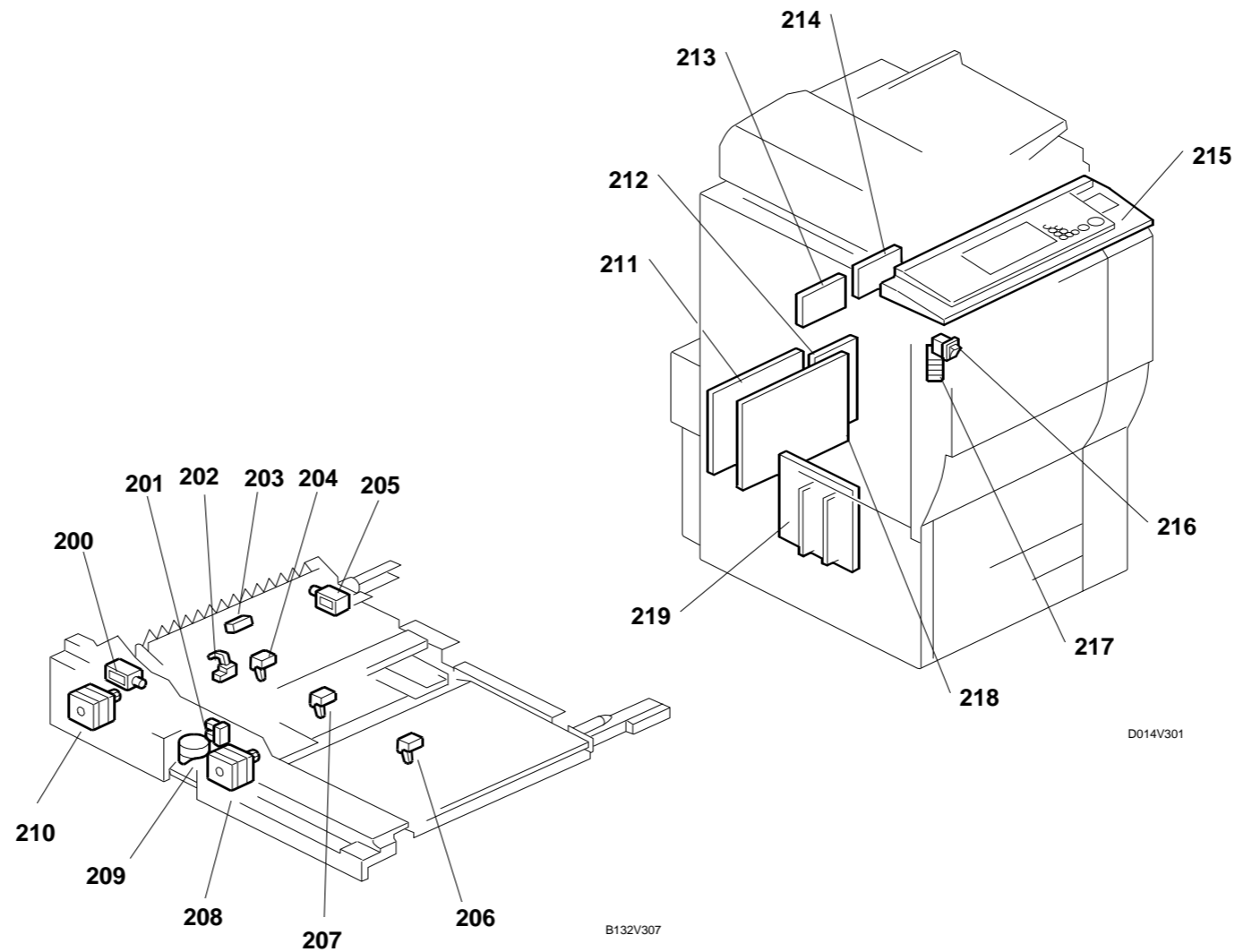
D014V309



D014V308

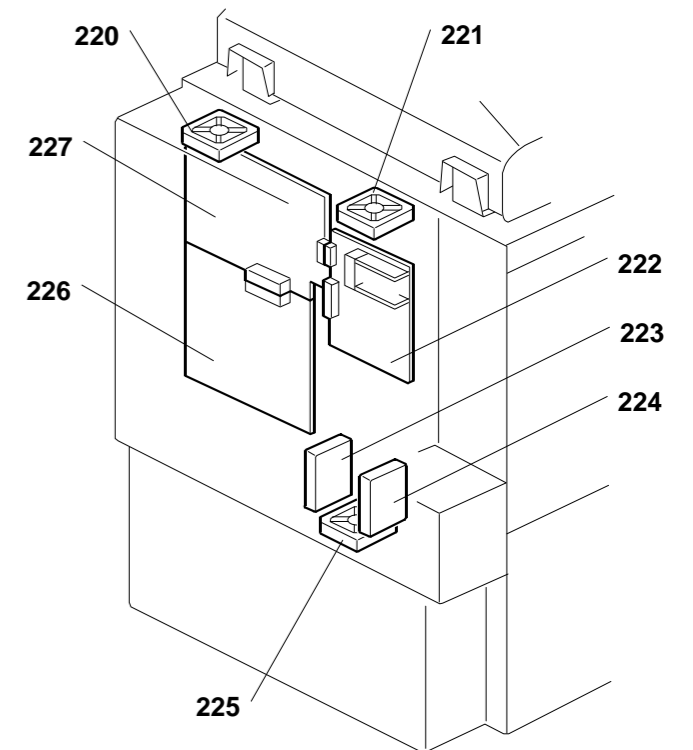


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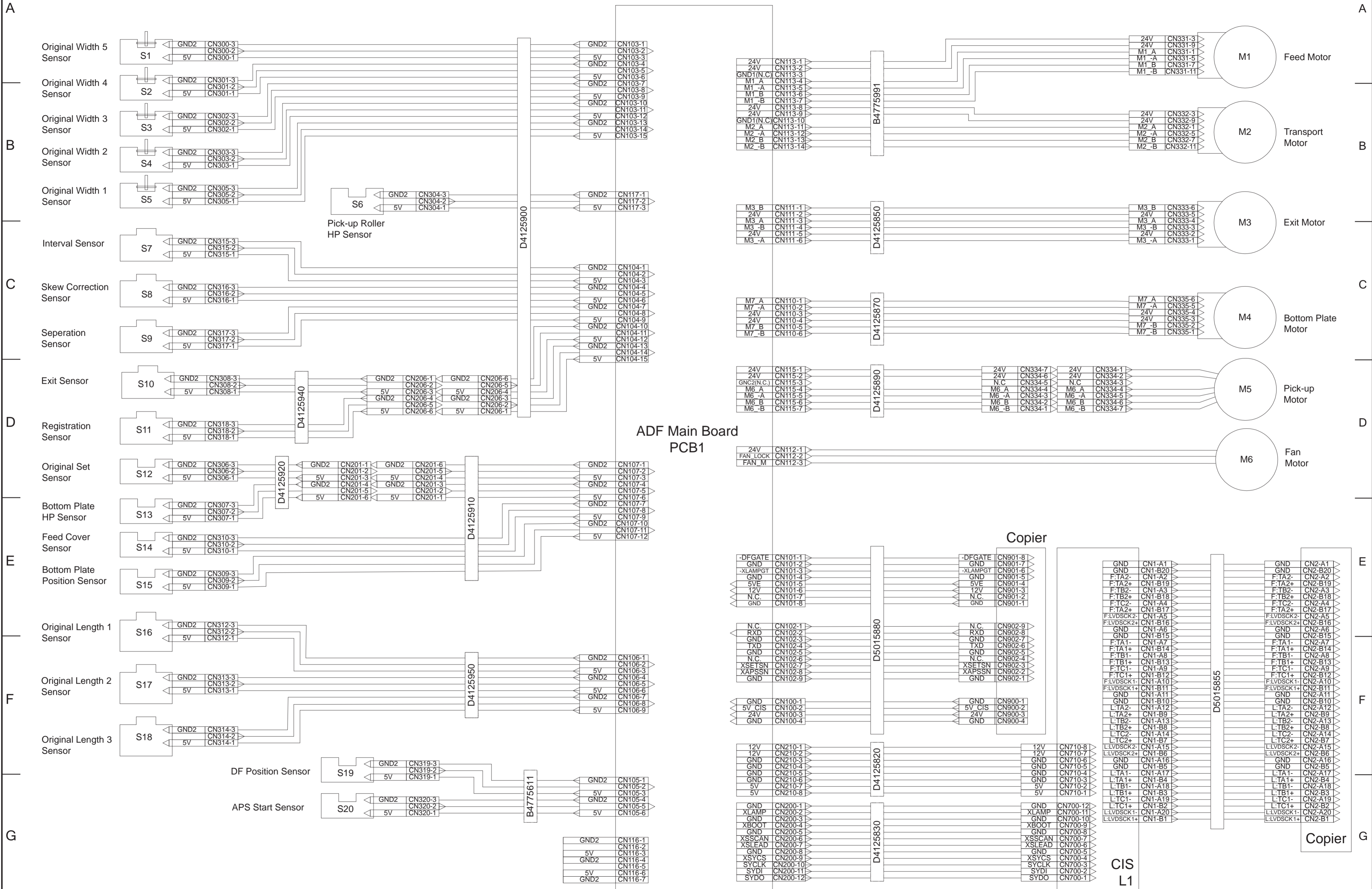
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D014V301

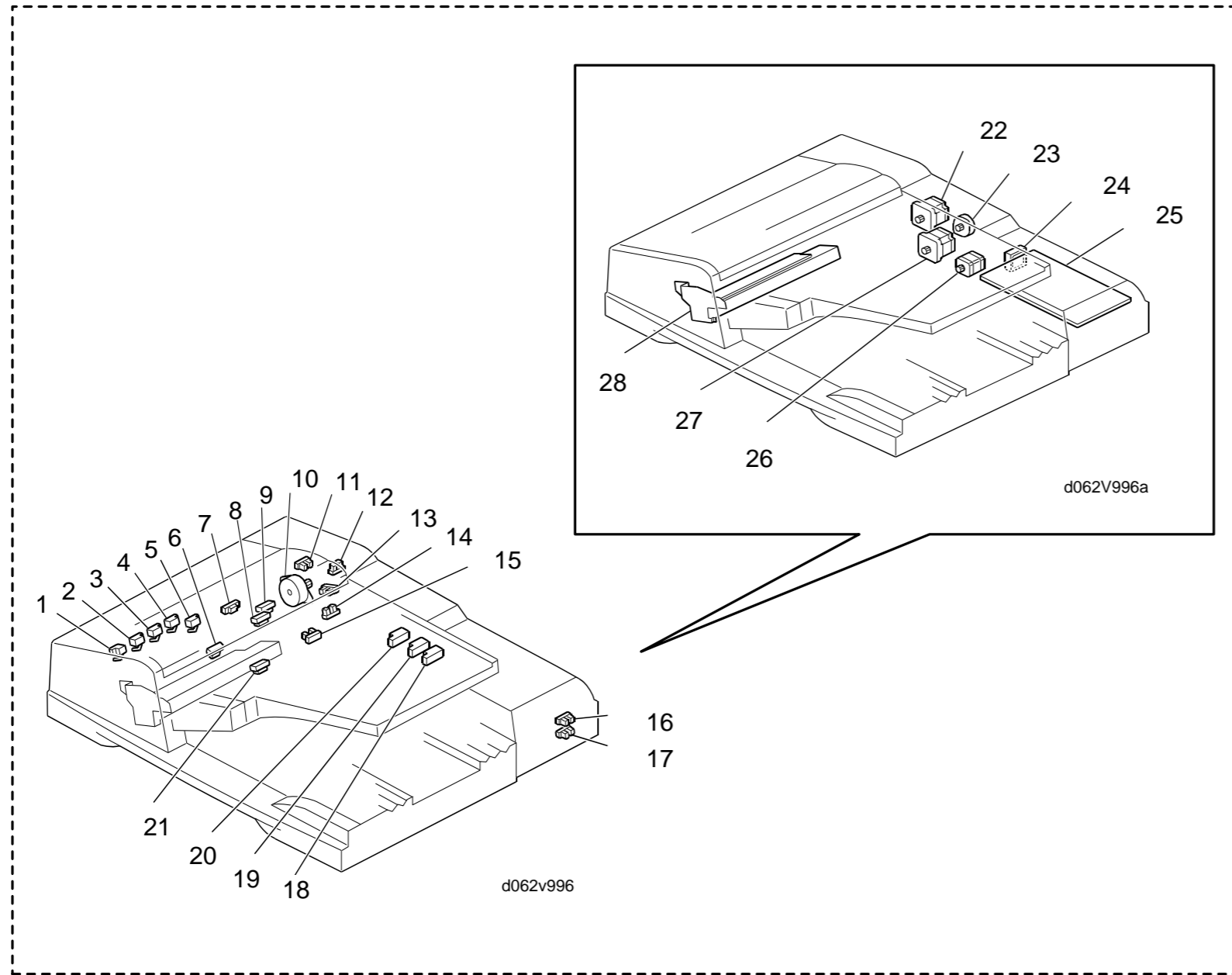


D014V302

ADF (FOR D081/D082) Point To Point Diagram



ADF (FOR D081/D082) ELECTRICAL COMPONENT LAYOUT



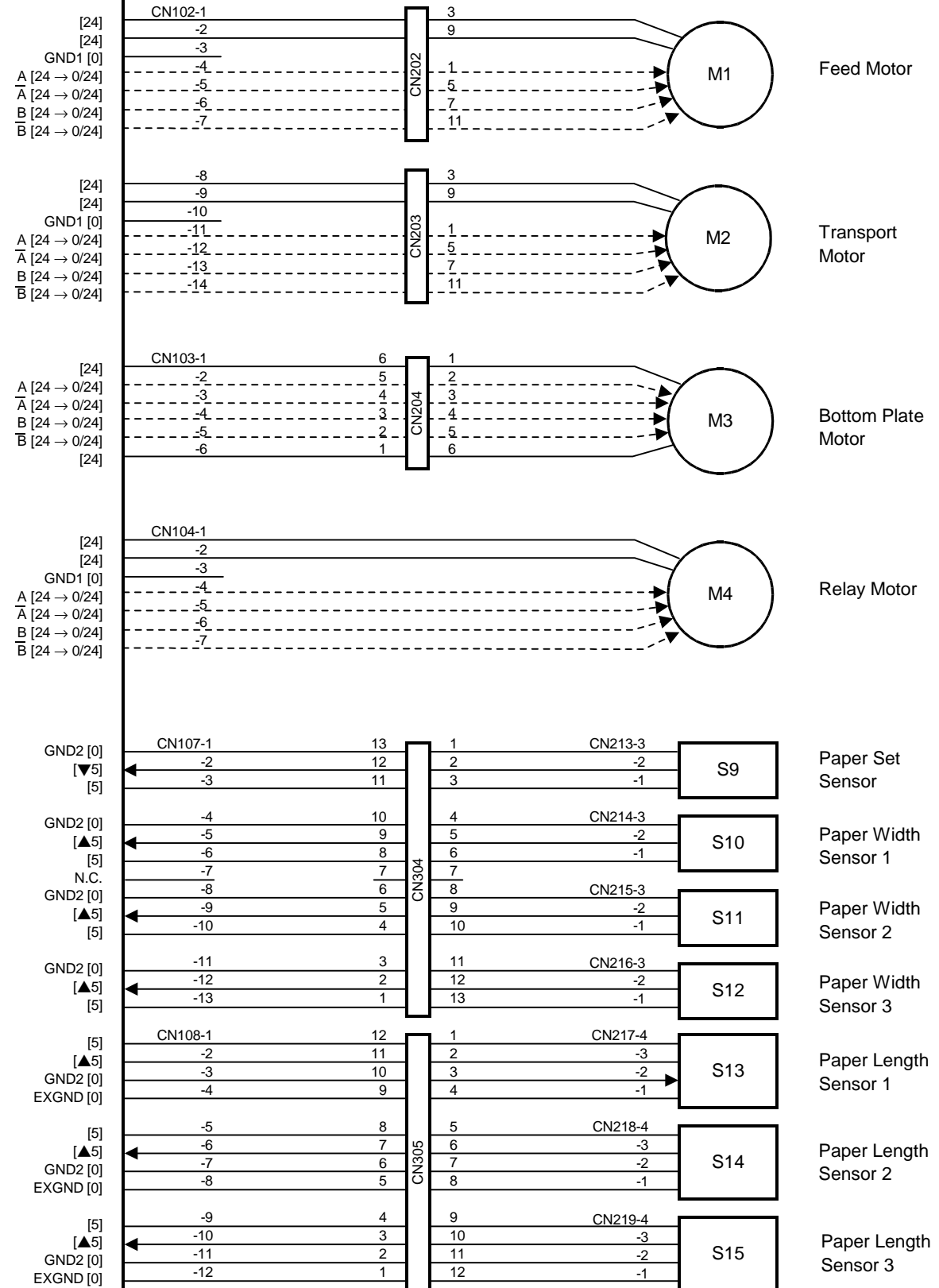
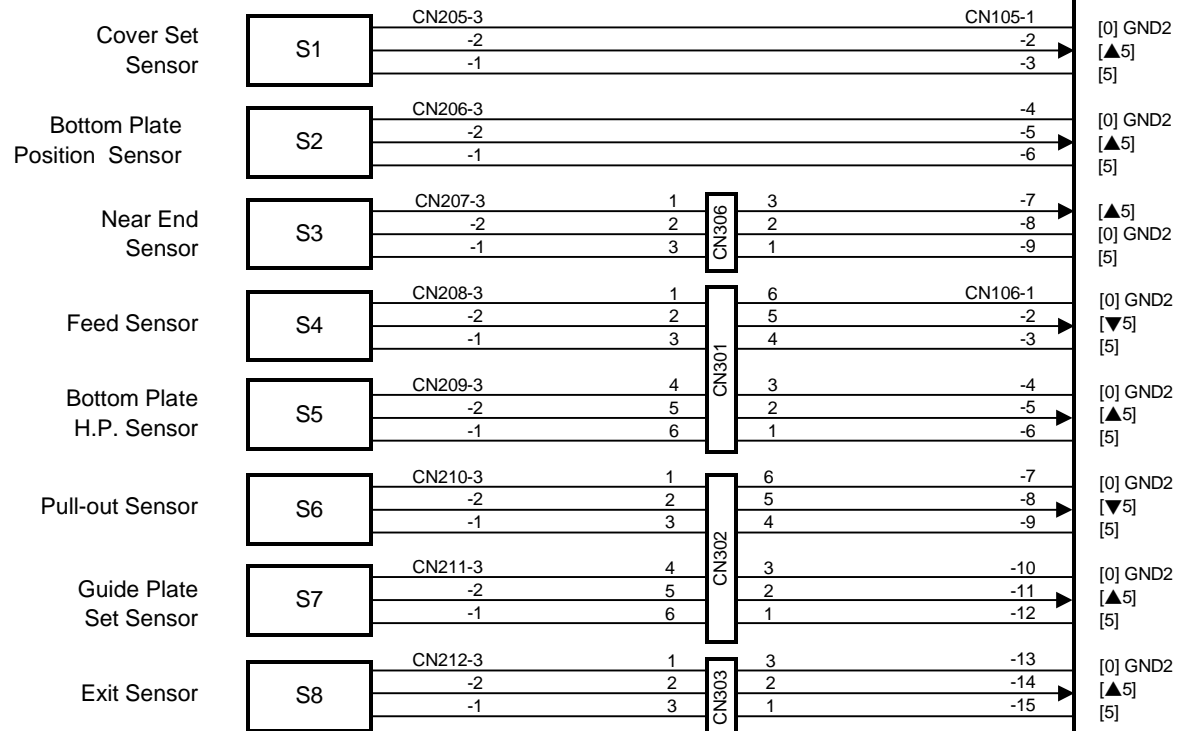
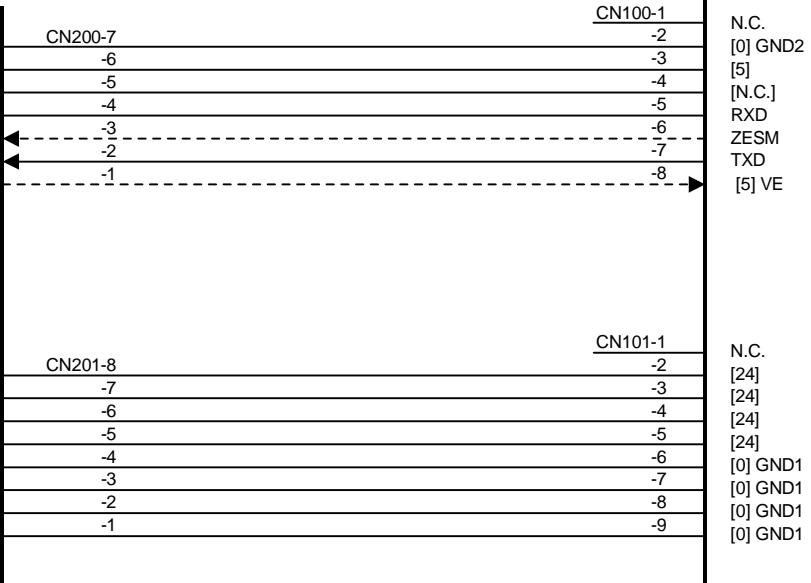
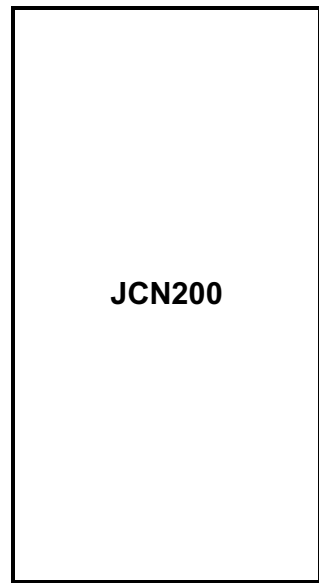
| Symbol | Index No. | Description | P to P |
|------------------|-----------|-----------------------|----------|
| Motors | | | |
| M1 | 22 | Feed | A10 5/5) |
| M2 | 27 | Transport | B10 5/5) |
| M3 | 26 | Exit | B10 5/5) |
| M4 | 23 | Bottom Plate | C10 5/5) |
| M5 | 10 | Pick-up | D10 5/5) |
| — | 24 | ADF Fan | — |
| Sensors | | | |
| S1 | 1 | Original Width 5 | A1 5/5) |
| S2 | 2 | Original Width 4 | B1 5/5) |
| S3 | 3 | Original Width 3 | B1 5/5) |
| S4 | 4 | Original Width 2 | B1 5/5) |
| S5 | 5 | Original Width 1 | B1 5/5) |
| S6 | 11 | Pick-up Roller HP | B3 5/5) |
| S7 | 7 | Interval | C1 5/5) |
| S8 | 9 | Skew Correction | C1 5/5) |
| S9 | 8 | Seperation Sensor | C1 5/5) |
| S10 | 21 | Exit | D1 5/5) |
| S11 | 6 | Registration | D1 5/5) |
| S12 | 14 | Original Set | D1 5/5) |
| S13 | 15 | Bottom Plate HP | E1 5/5) |
| S14 | 12 | Feed Cover | E1 5/5) |
| S15 | 13 | Bottom Plate Position | E1 5/5) |
| S16 | 18 | Original Length 1 | F1 5/5) |
| S17 | 19 | Original Length 2 | F1 5/5) |
| S18 | 20 | Original Length 3 | F1 5/5) |
| S19 | 16 | DF Position | G3 5/5) |
| S20 | 17 | APS Start | G3 5/5) |
| Solenoids | | | |
| SOL1 | — | Stamp Solenoid | E10 5/5) |
| PCBs | | | |
| PCB1 | 25 | DF Main | D6 5/5) |
| Lamps | | | |
| L1 | 28 | CIS | G9 5/5) |

COVER INTERPOSER (B704) POINT TO POINT DIAGRAM

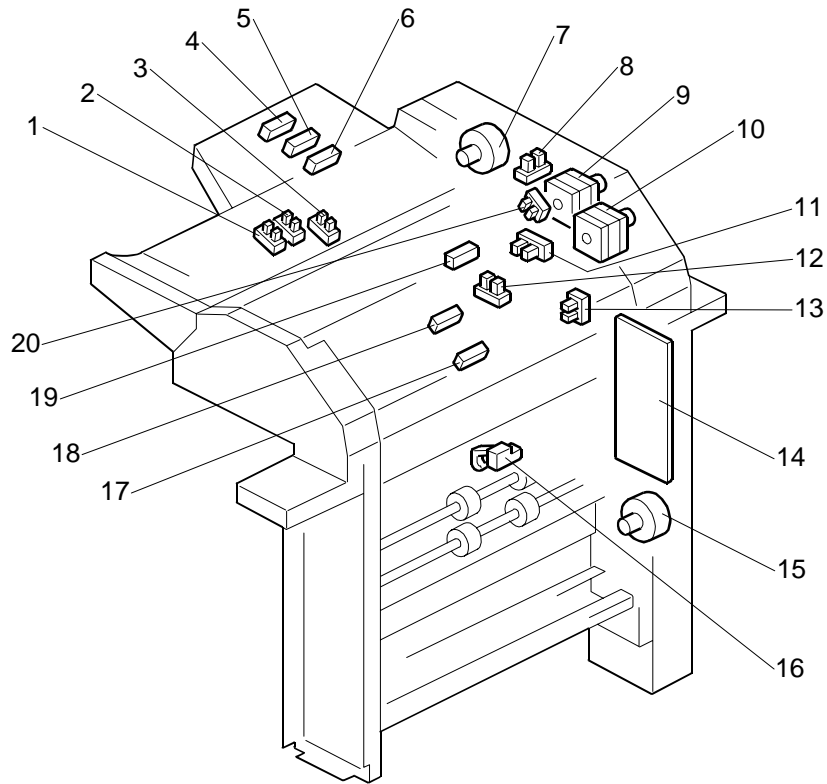
SYMBOL TABLE

| | |
|--|------------------|
| | DC Line |
| | Pulse Signal |
| | Signal Direction |
| | Ready Low |
| | Ready High |
| | Voltage |

PCB1 Main Board

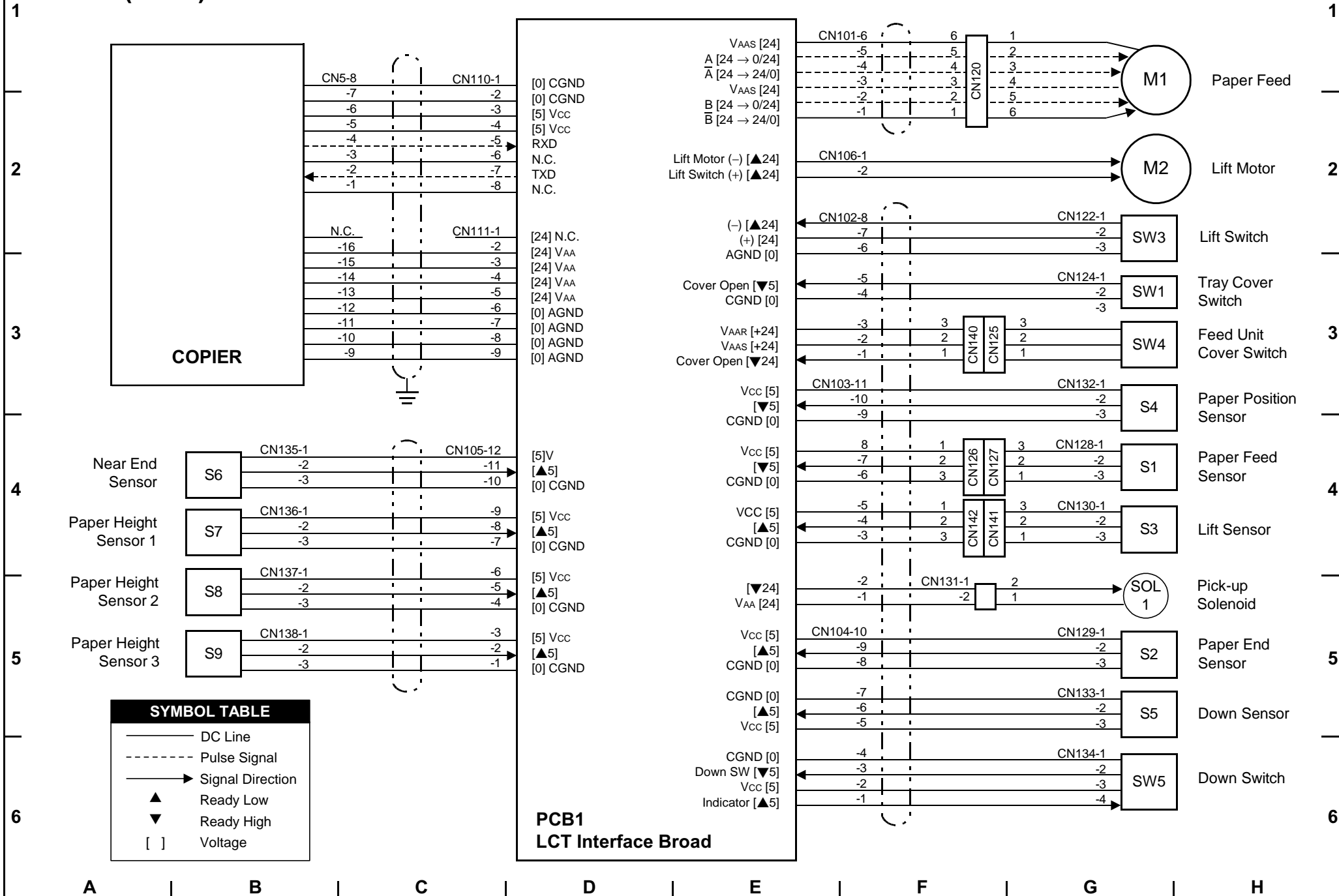


COVER INTERPOSER (B704) ELECTRICAL COMPONENT LAYOUT

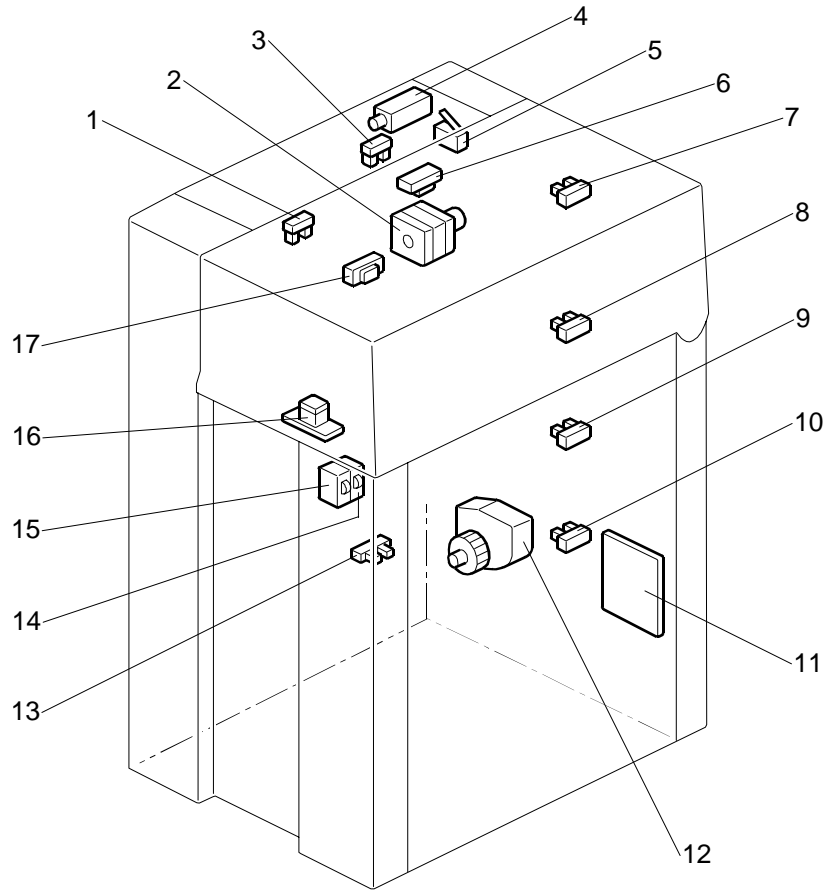


| Symbol | Index No. | Description | P to P |
|----------------|-----------|-----------------------|--------|
| Motors | | | |
| M1 | 9 | Feed | I2 |
| M2 | 10 | Transport | I2-I3 |
| M3 | 7 | Bottom Plate | I3 |
| M4 | 15 | Relay | I4 |
| Sensors | | | |
| S1 | 8 | Cover Set | B5 |
| S2 | 20 | Bottom 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

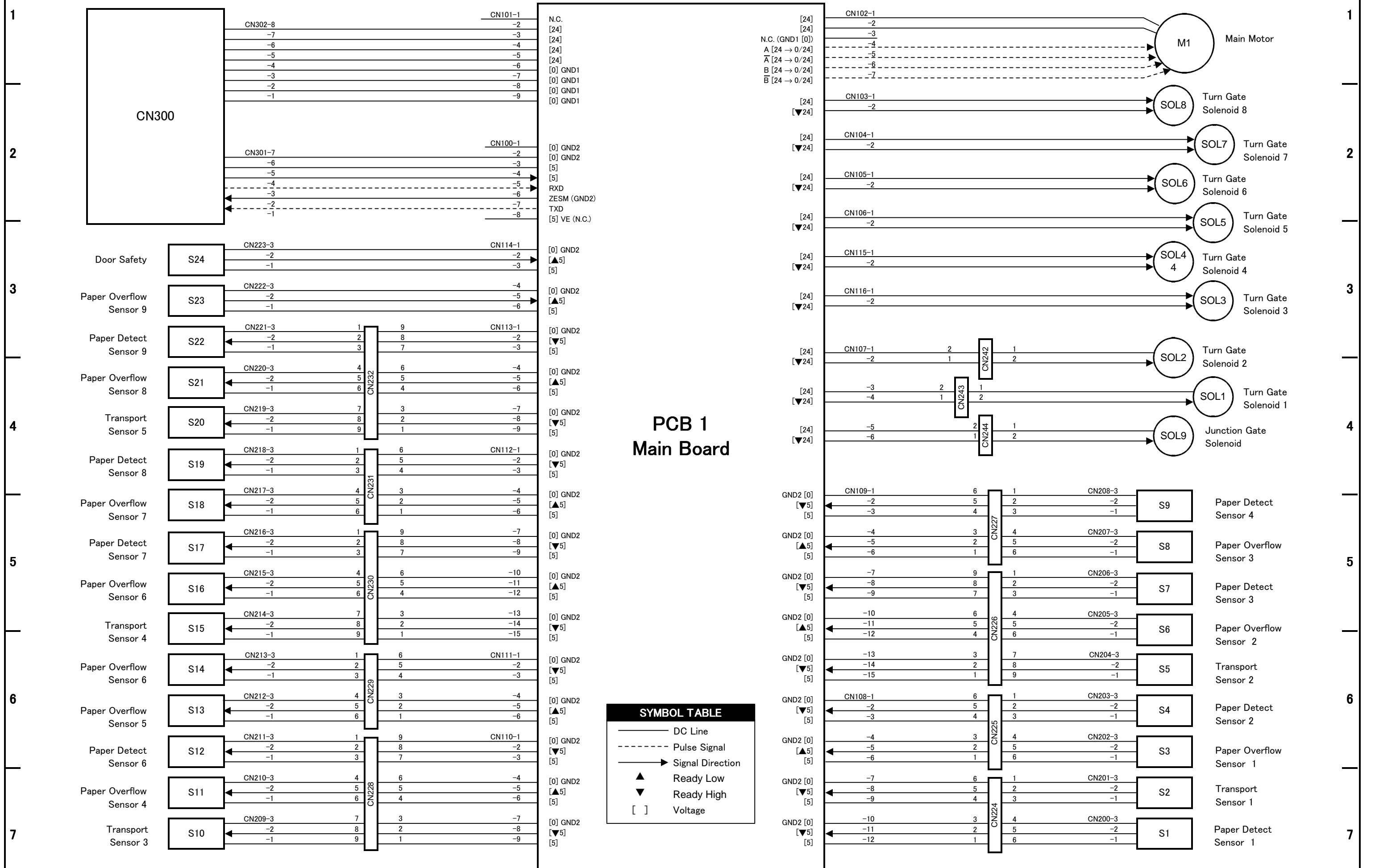


LCT (B473) ELECTRICAL COMPONENT LAYOUT



| 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 |

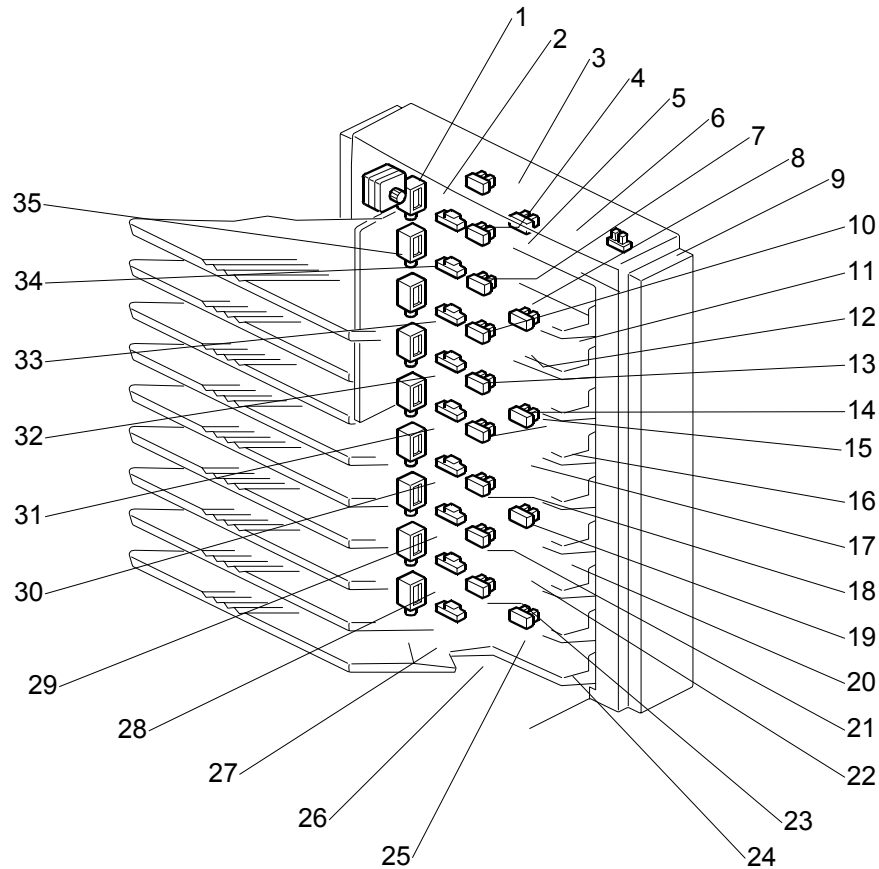
MAILBOX (B762) POINT TO POINT DIAGRAM



PCB 1 Main Board

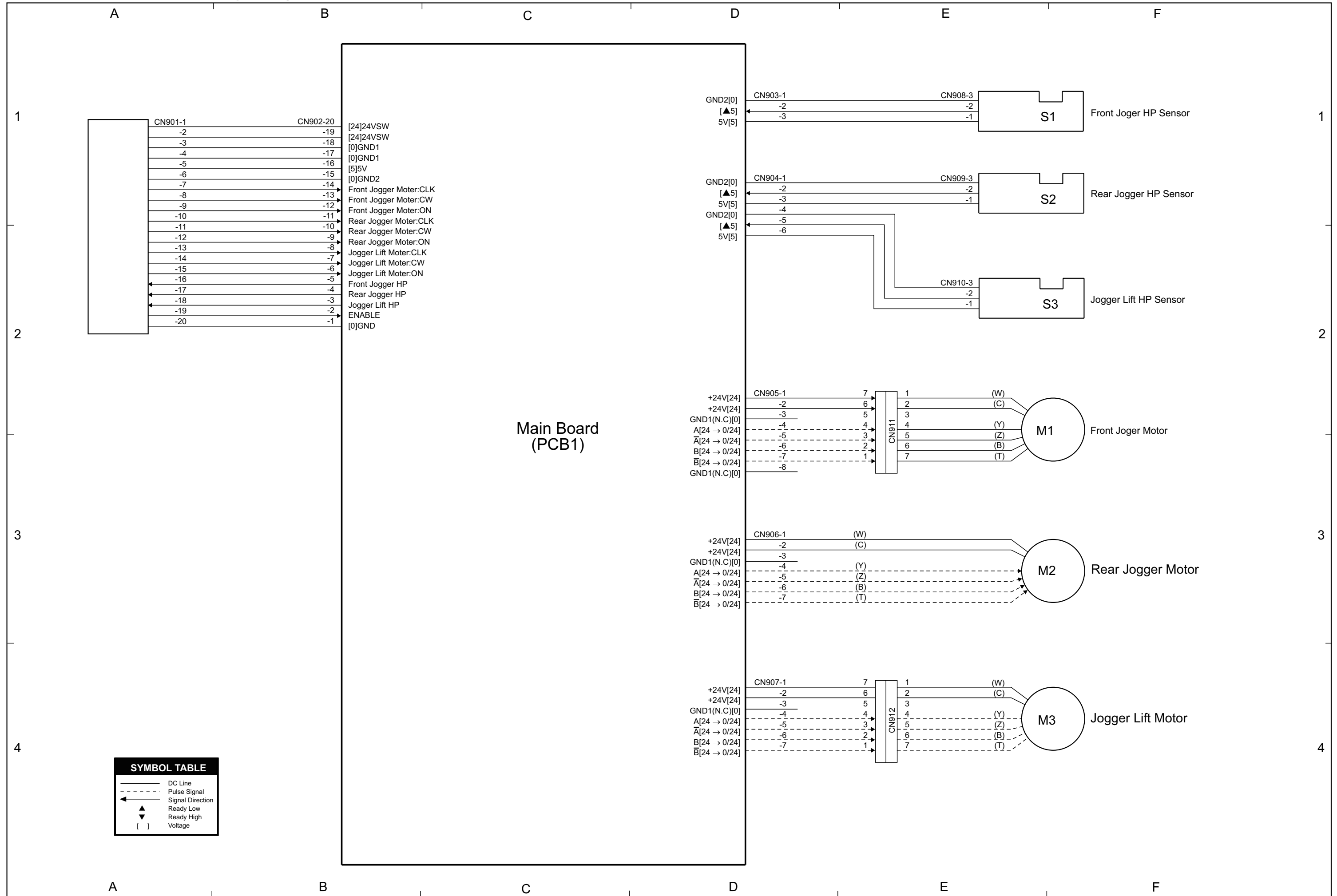
| SYMBOL TABLE | |
|--------------|------------------|
| — | DC Line |
| - - - - | Pulse Signal |
| → | Signal Direction |
| ▲ | Ready Low |
| ▼ | Ready High |
| [] | Voltage |

MAILBOX (B762) ELECTRICAL COMPONENT LAYOUT



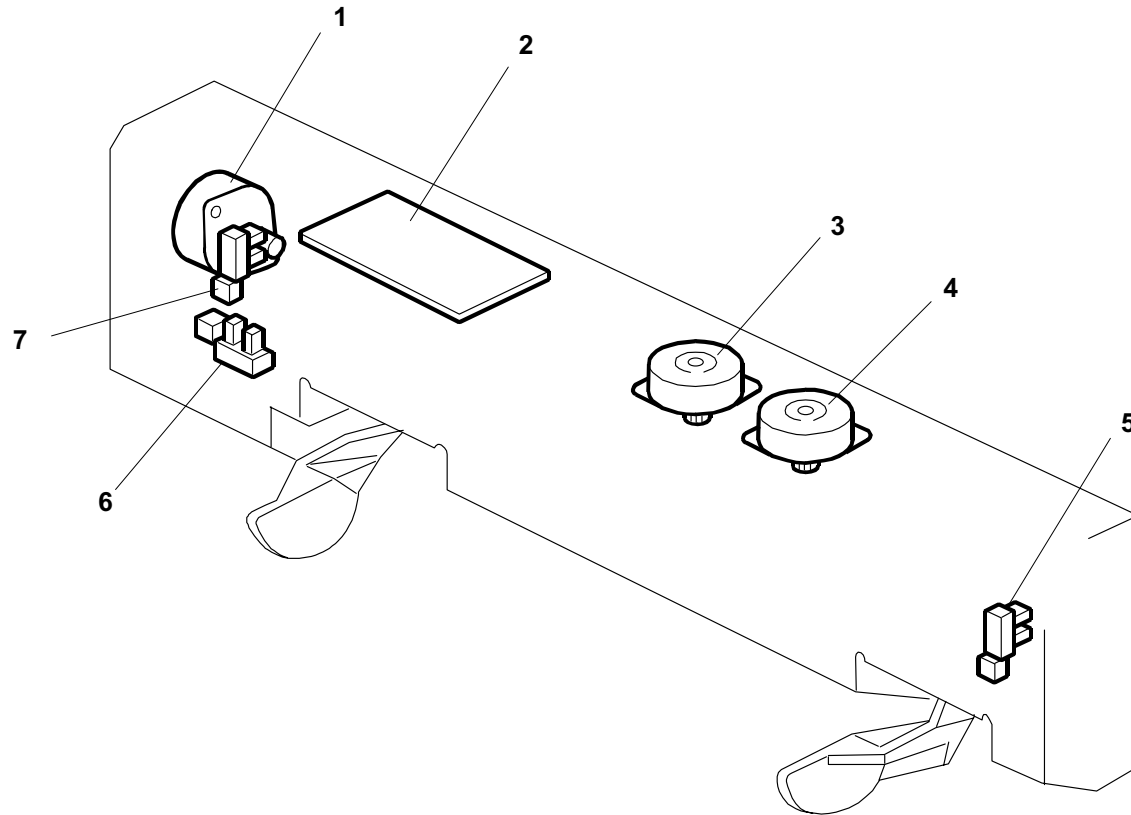
| Symbol | Index No. | Description | P to P |
|------------------|-----------|-------------------|--------|
| Motors | | | |
| M1 | 1 | Main | H1 |
| Sensors | | | |
| S1 | 26 | Paper Detect 1 | I7 |
| S2 | 24 | Transport 1 | I7 |
| S3 | 25 | Paper Overflow 1 | I6 |
| S4 | 23 | Paper Detect 2 | I6 |
| 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

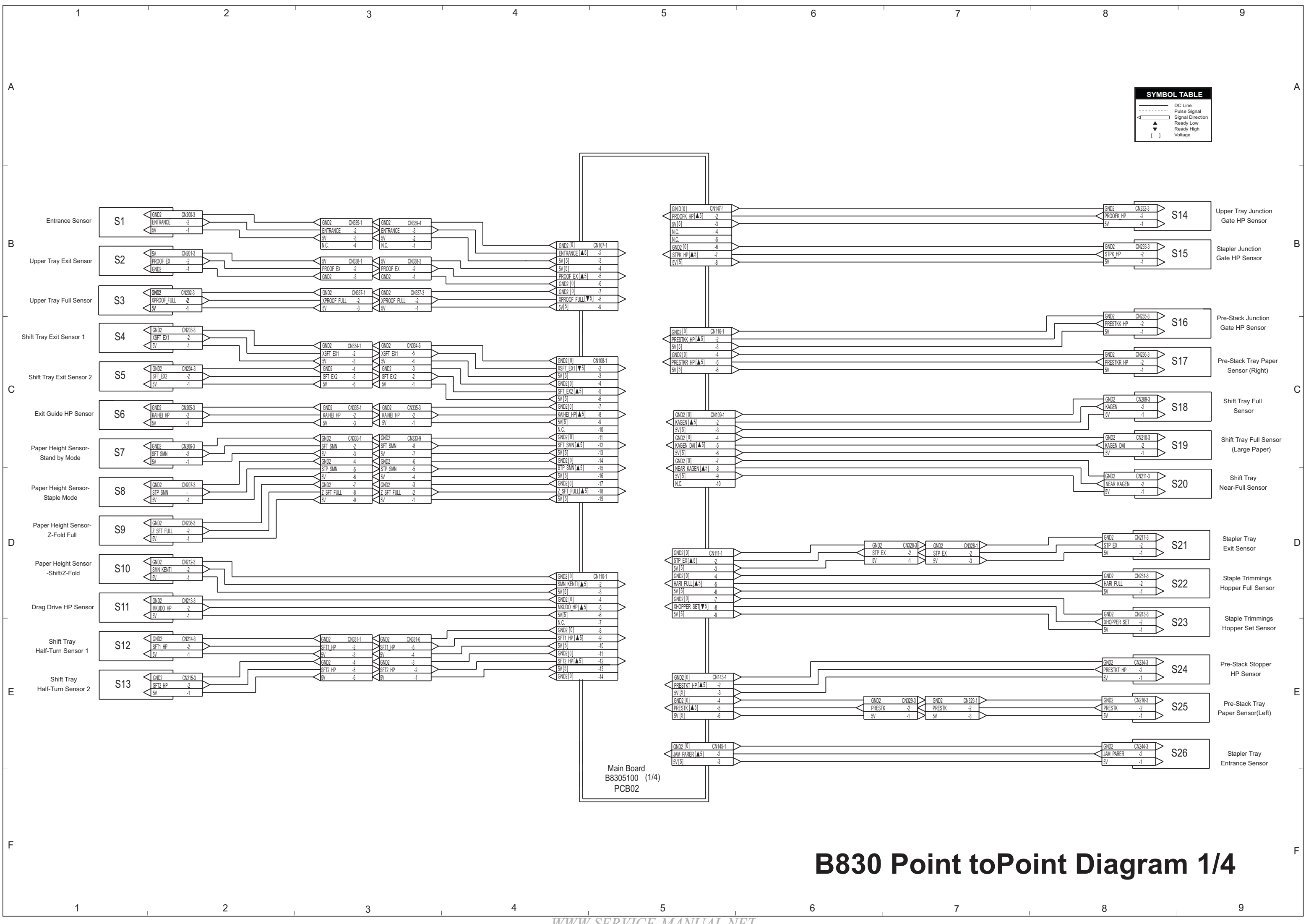


| SYMBOL TABLE | |
|--------------|------------------|
| — | DC Line |
| - - - | Pulse Signal |
| ← | Signal Direction |
| ▲ | Ready Low |
| ▼ | Ready High |
| [] | Voltage |

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 |

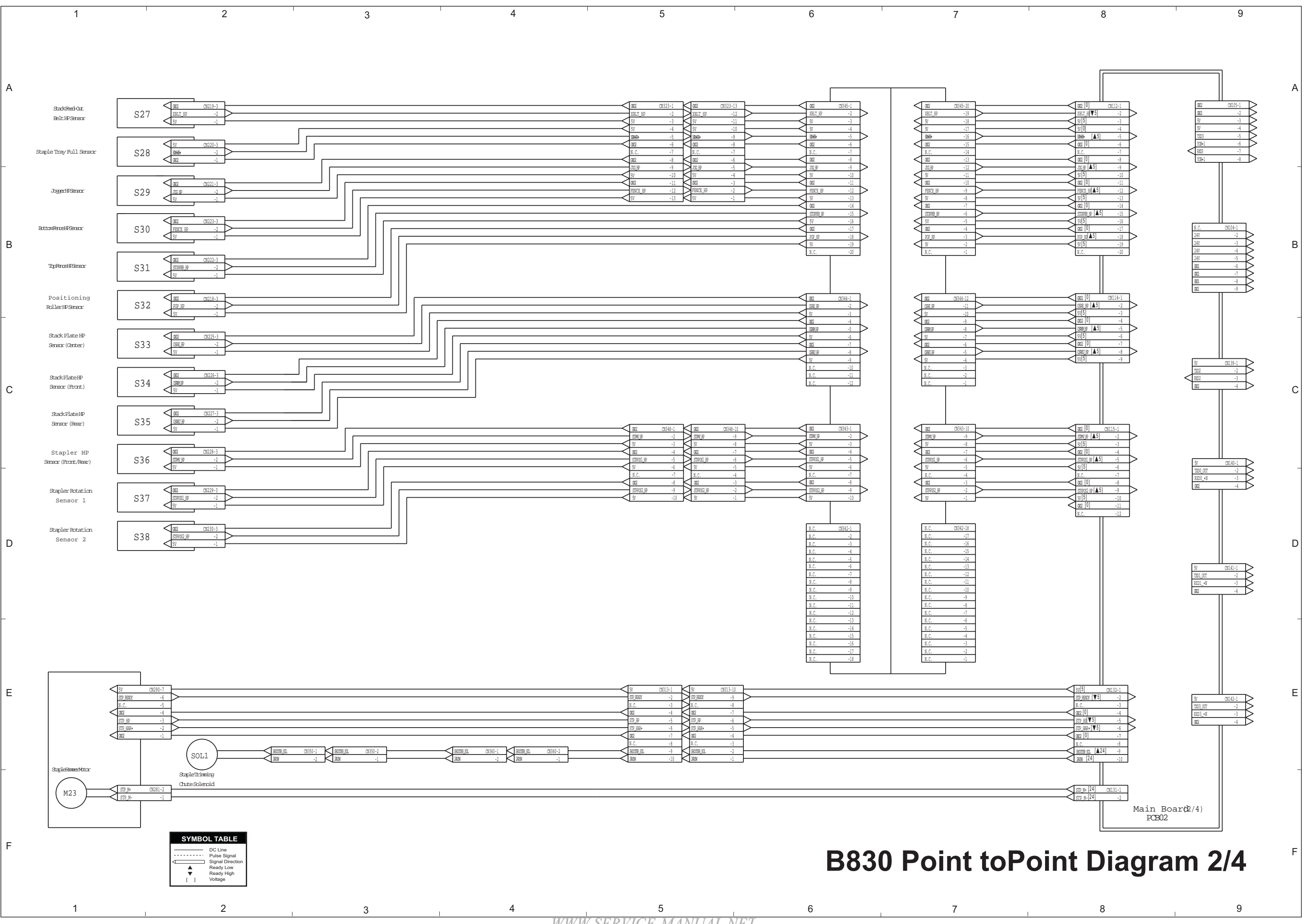


SYMBOL TABLE

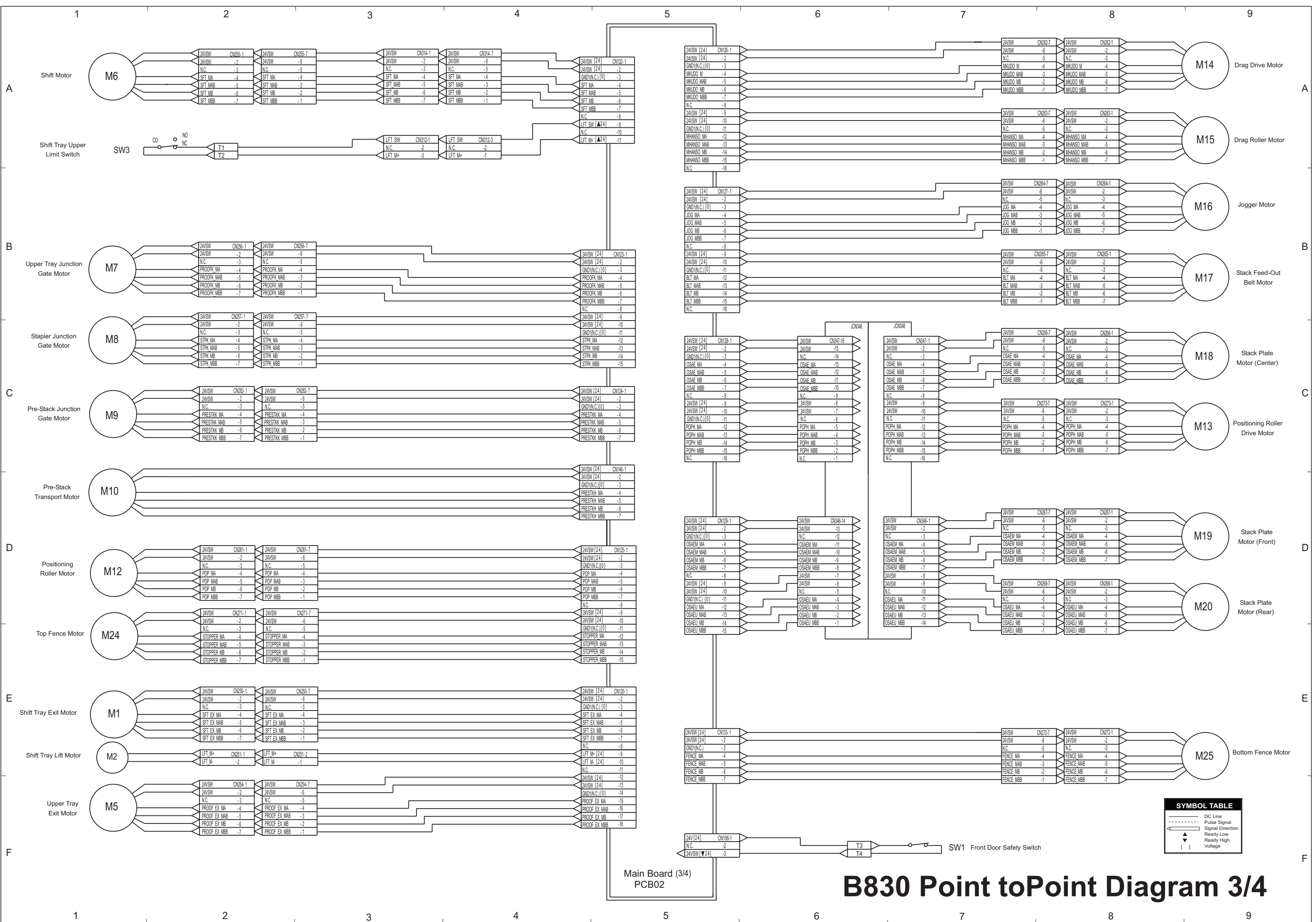
- DC Line
- - - Pulse Signal
- Signal Direction
- ◀ Ready Low
- ▶ Ready High
- [] Voltage

Main Board
B8305100 (1/4)
PCB02

B830 Point toPoint Diagram 1/4

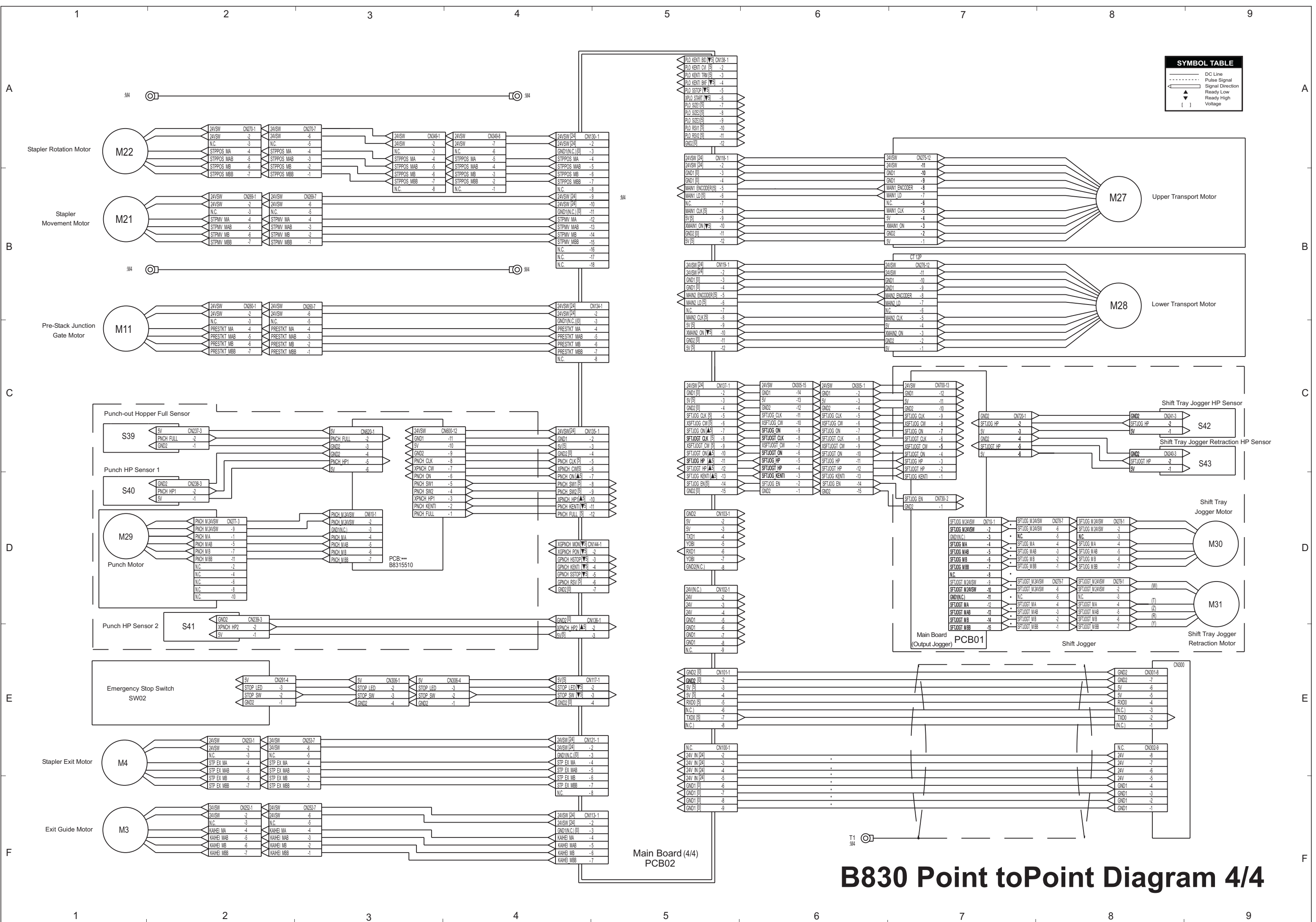


B830 Point toPoint Diagram 2/4



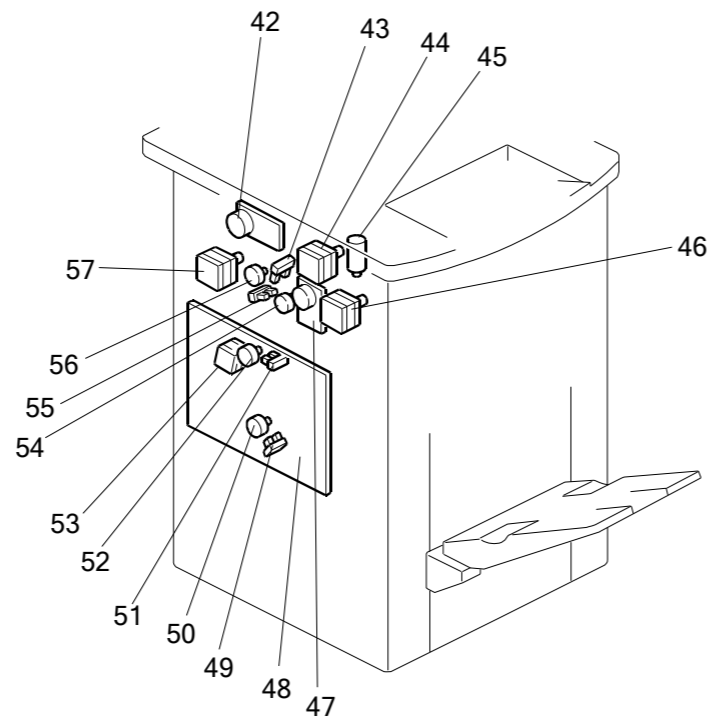
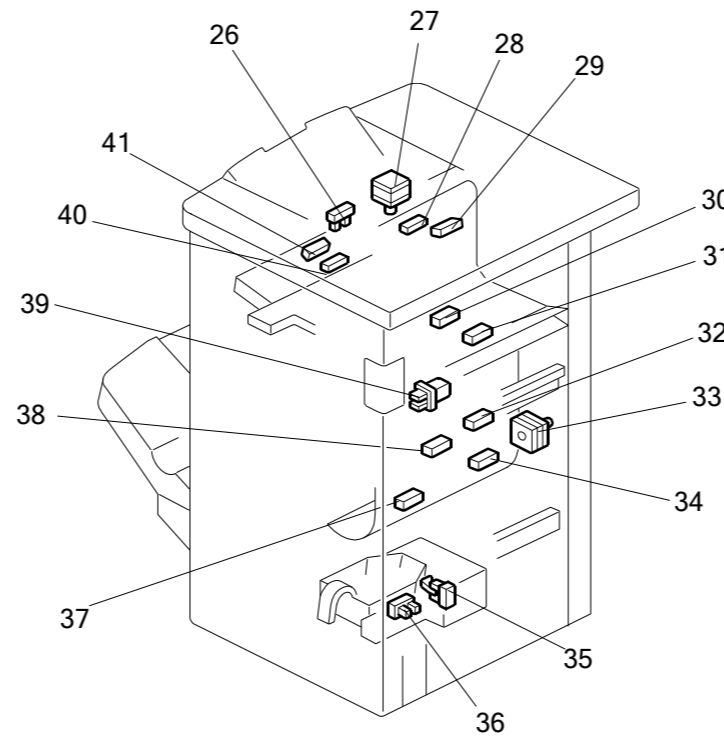
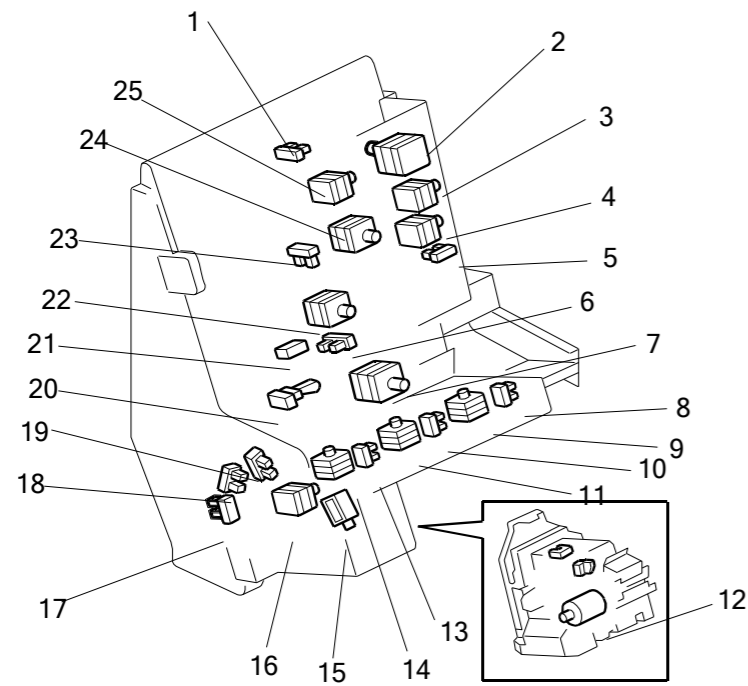
B830 Point toPoint Diagram 3/4

| SYMBOL TABLE | |
|--------------|------------------|
| | DC Line |
| | Pulse Signal |
| | Signal Direction |
| | Ready Low |
| | Ready High |
| | Voltage |

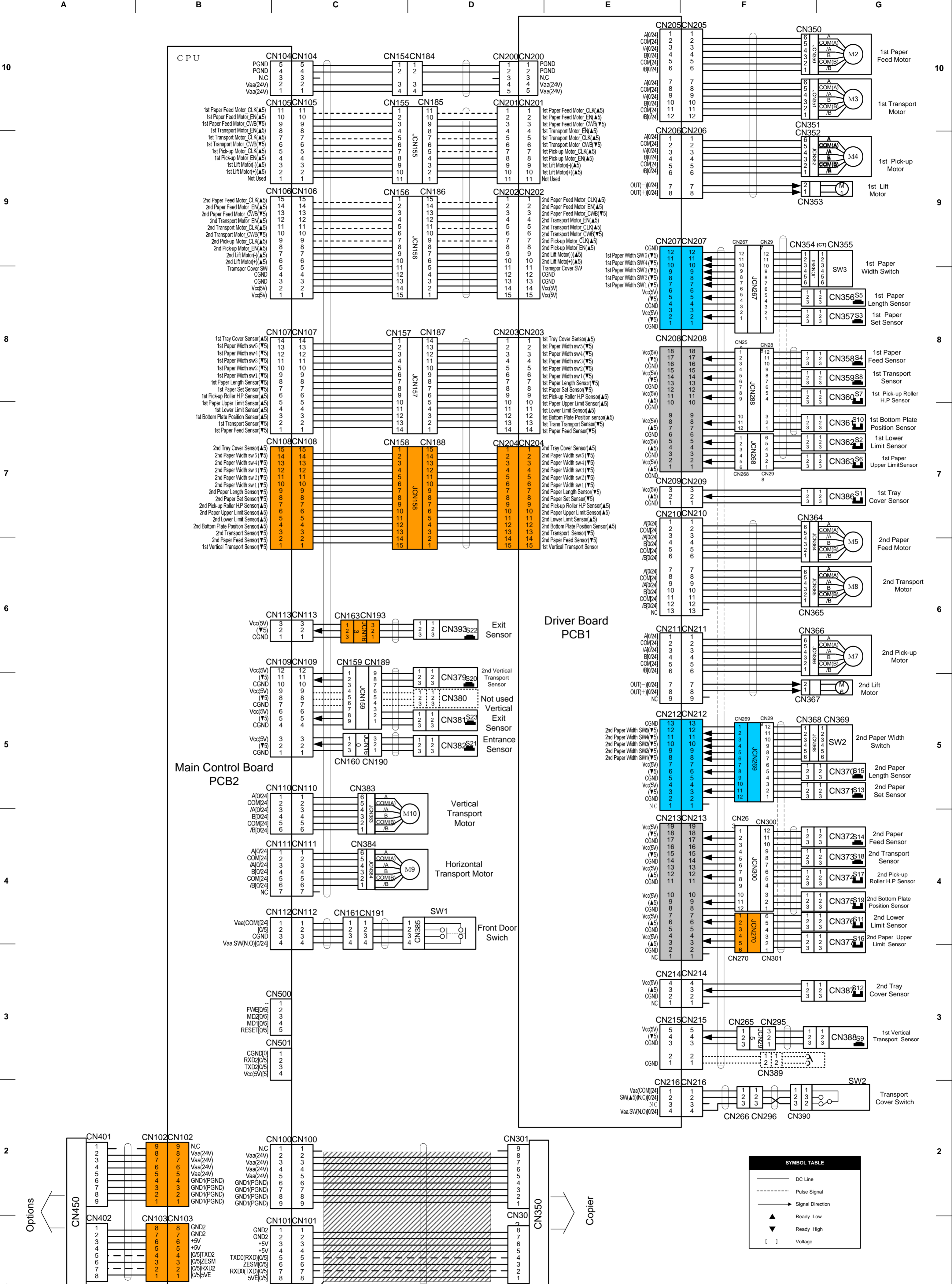


B830 Point toPoint Diagram 4/4

B830 ELECTRICAL COMPONENT LAYOUT

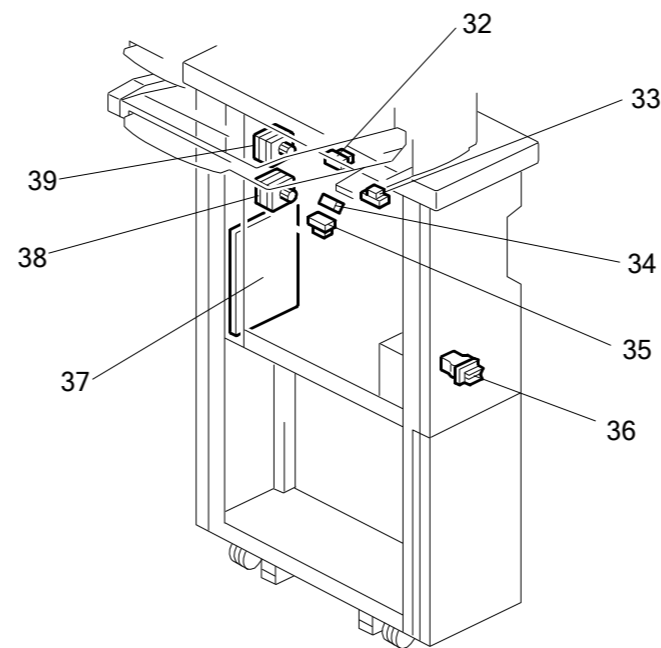
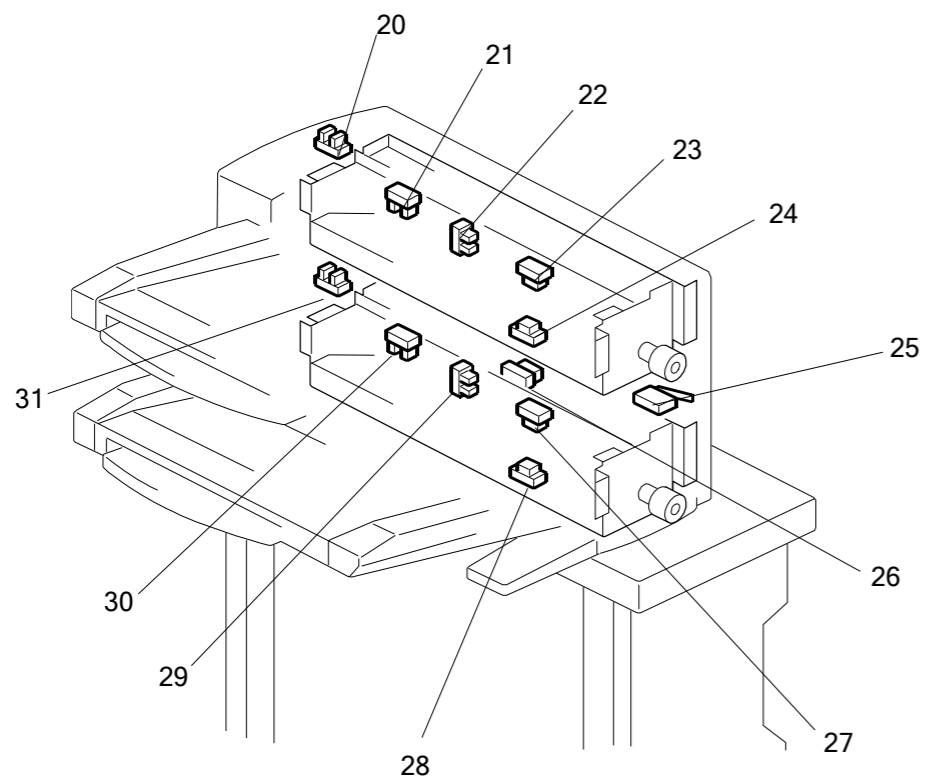
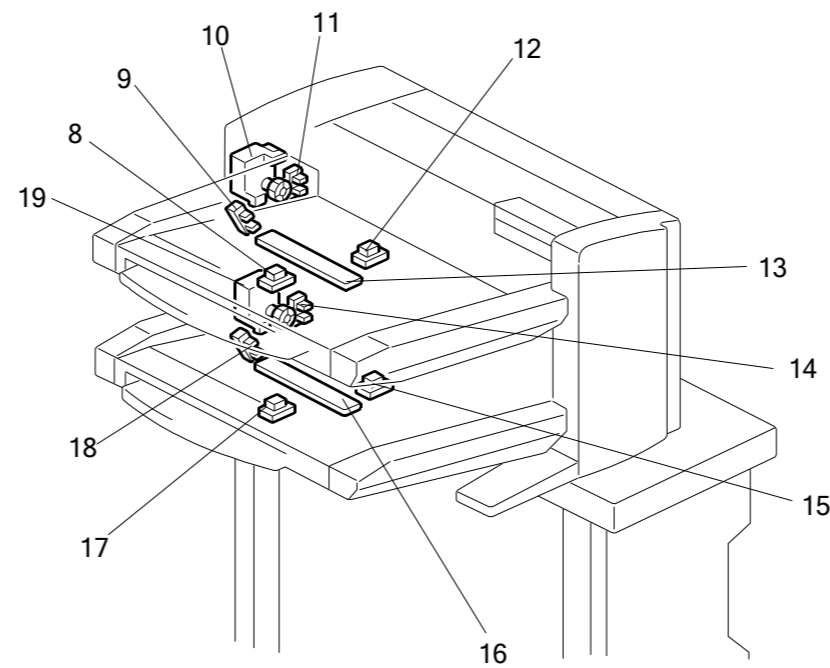
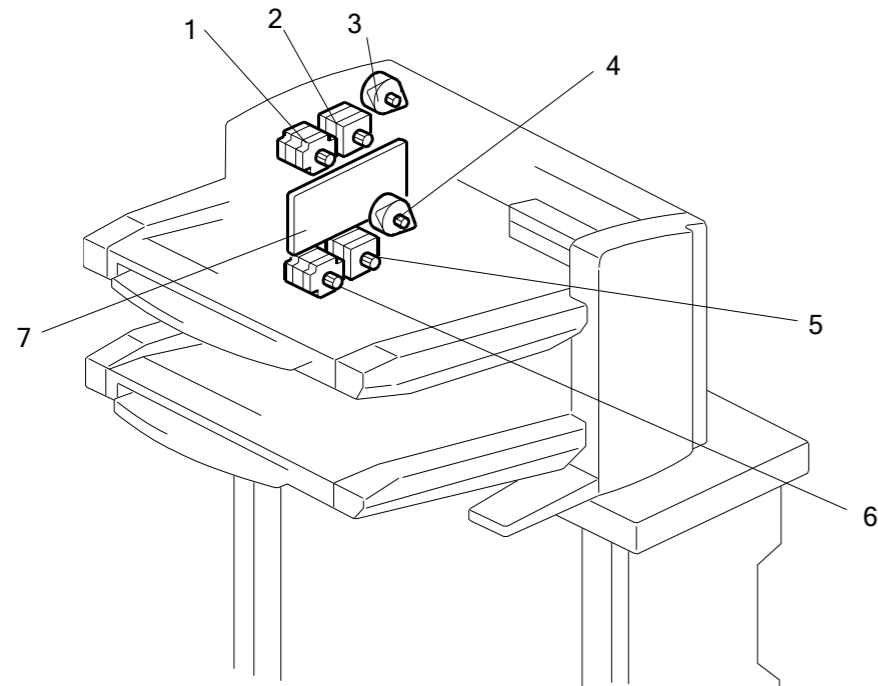


| Symbol | Index No. | Description | P to P |
|----------------|-----------|--------------------------------------|--------|
| Motors | | | |
| M1 | 46 | Shift Tray Exit Motor | 3-E1 |
| M2 | 45 | Shift Tray Lift Motor | 3-E1 |
| M3 | 27 | Exit Guide Motor | 4-F1 |
| M4 | 33 | Stapler Exit Motor | 4-E1 |
| 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 |



B835 Point to Point Diagram

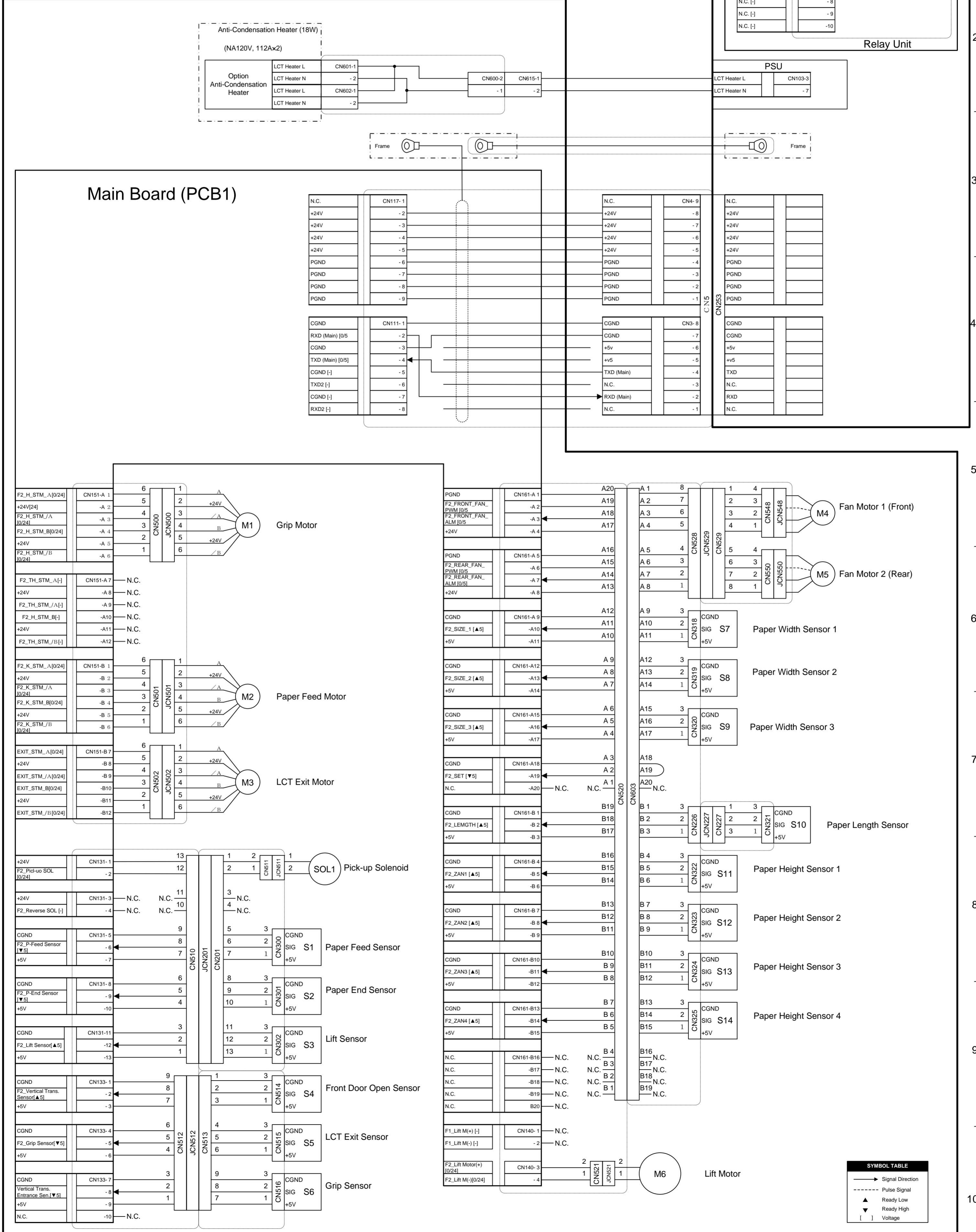
B835 ELECTRICAL COMPONENT LAYOUT



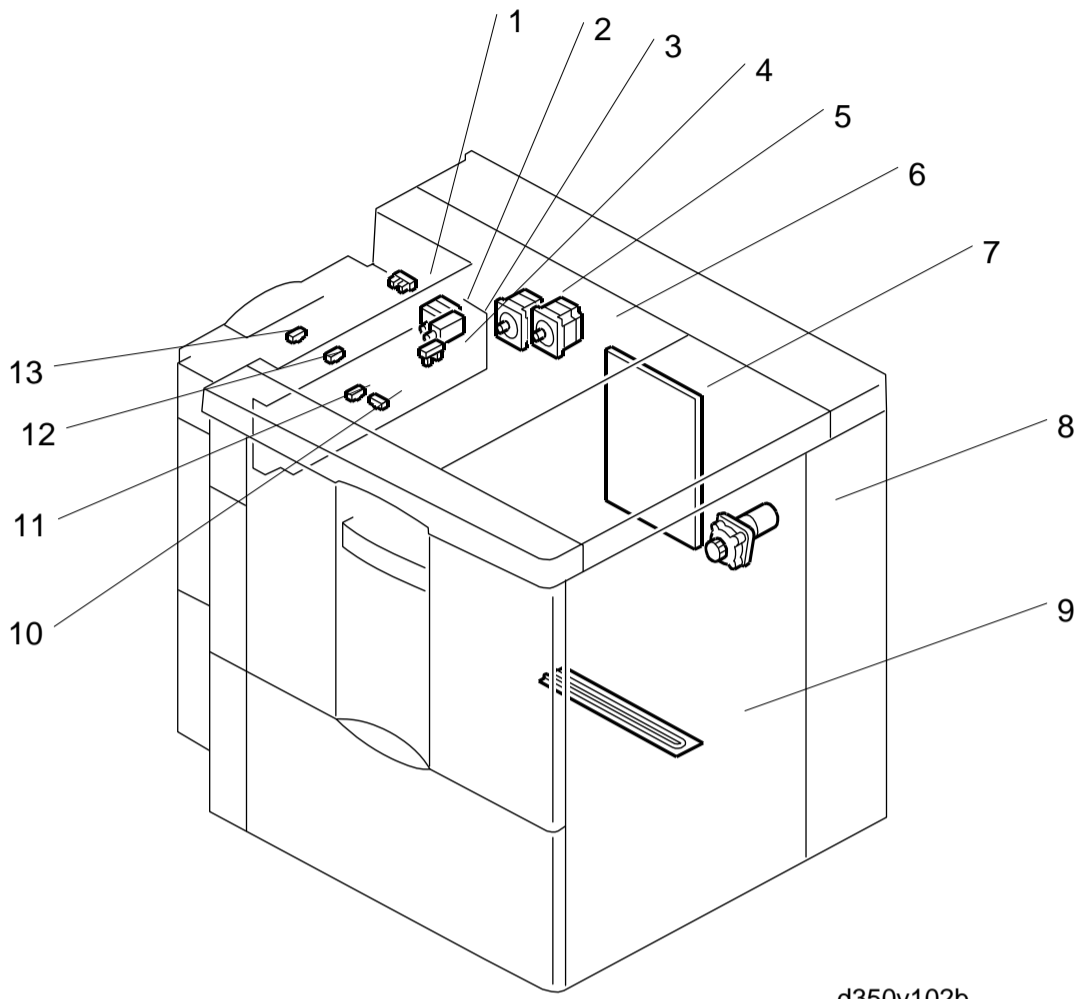
| Symbol | Index No. | Description | P to P |
|-----------------|-----------|----------------------------------|--------|
| Motors | | | |
| M1 | 10 | 1st Lift Motor | G9 |
| M2 | 1 | 1st Paper Feed Motor | G10 |
| M3 | 3 | 1st Pick-up Motor | G10 |
| M4 | 2 | 1st Transport Motor | G9 |
| M5 | 6 | 2nd 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

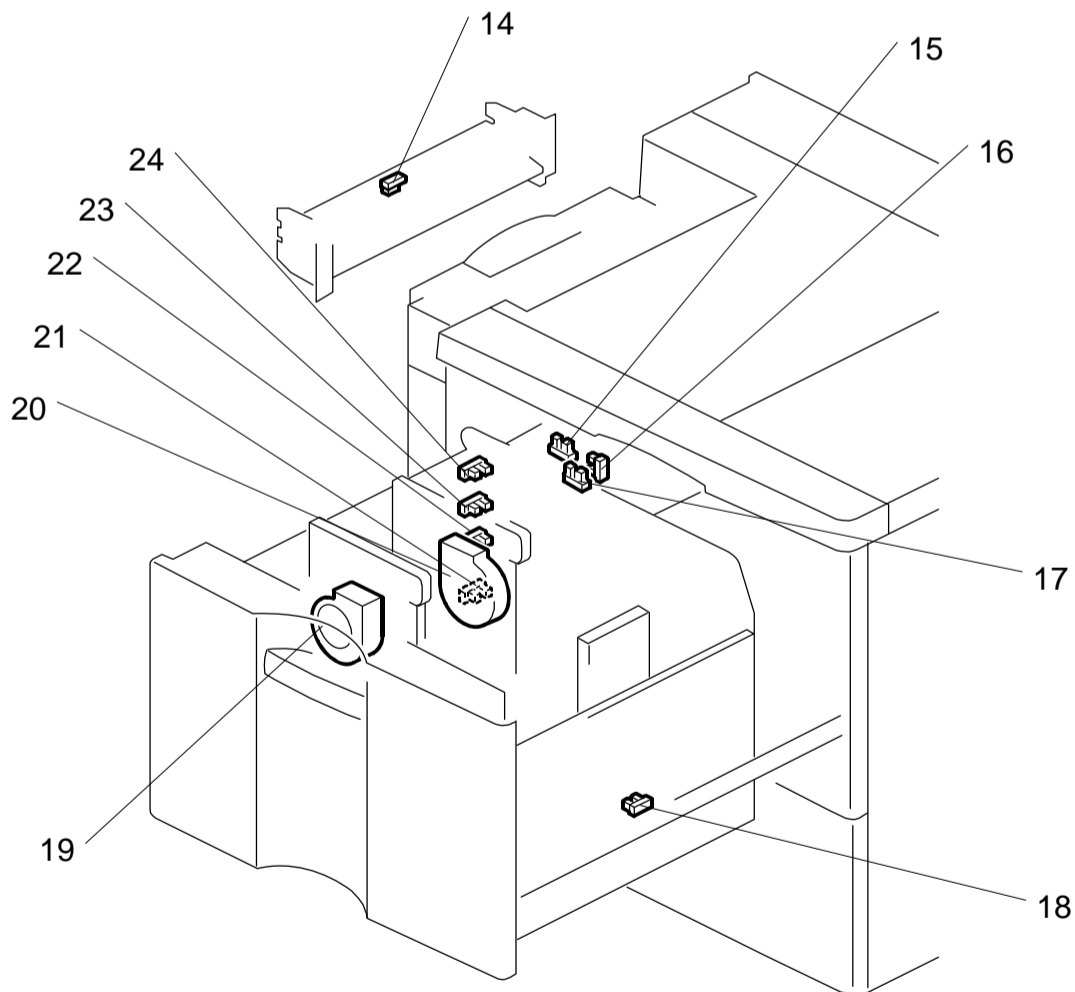
LCIT RT4000 Sheet (D350)



D350 ELECTRICAL COMPONENT LAYOUT



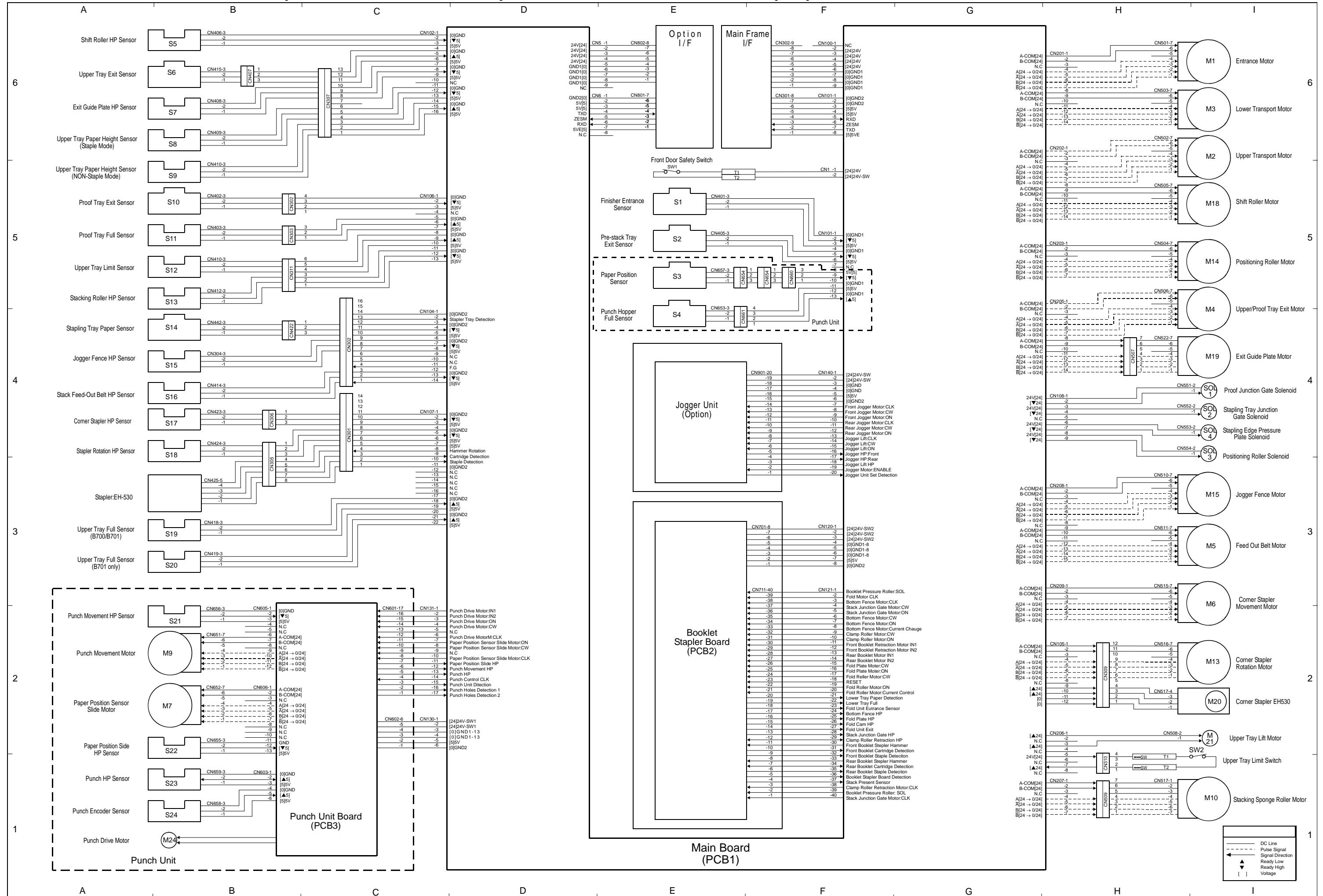
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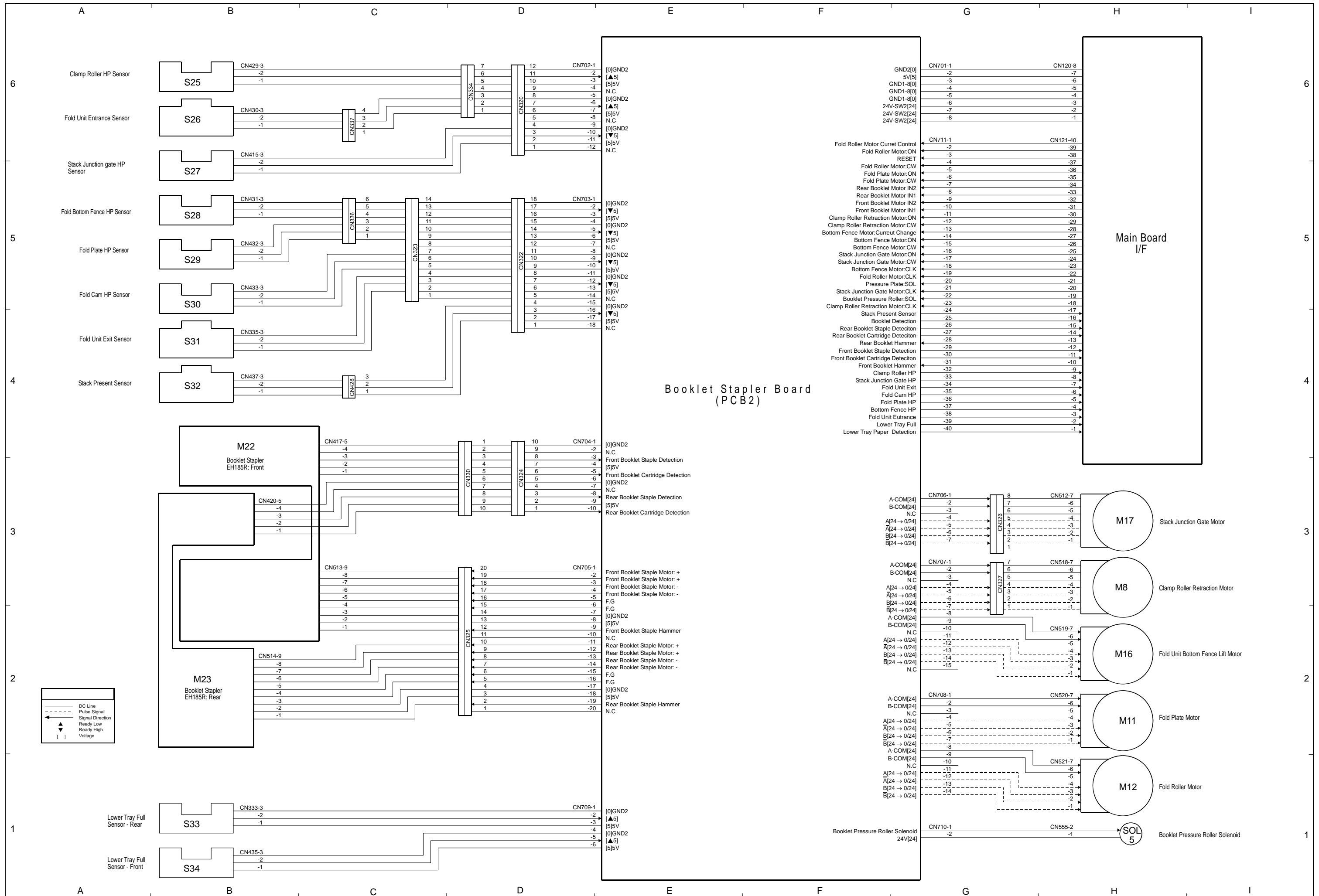
d350v102a

| 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 |

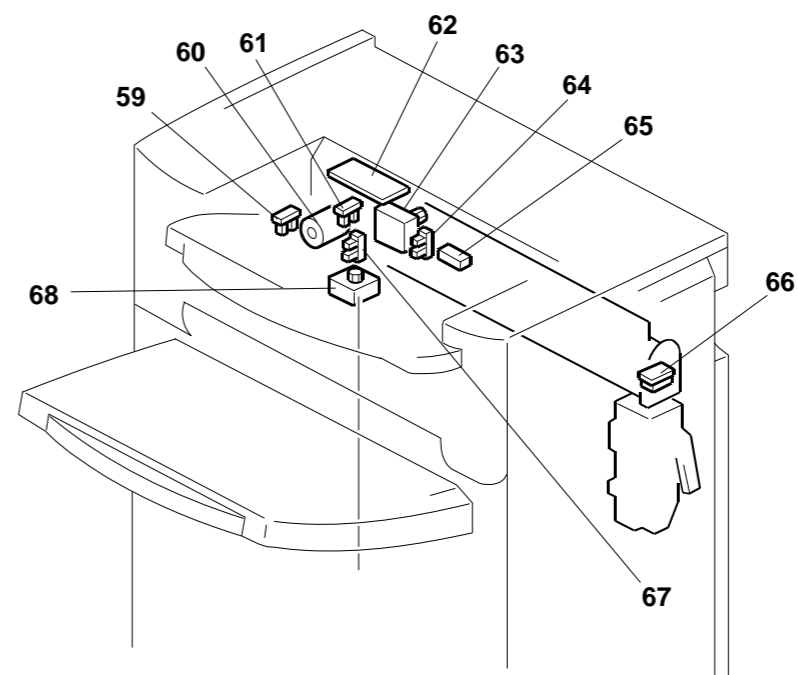
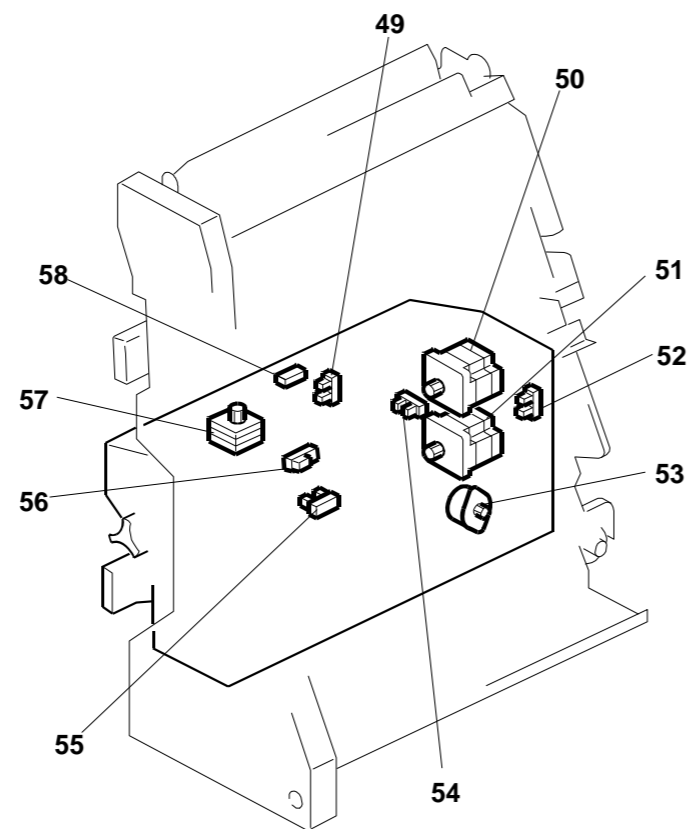
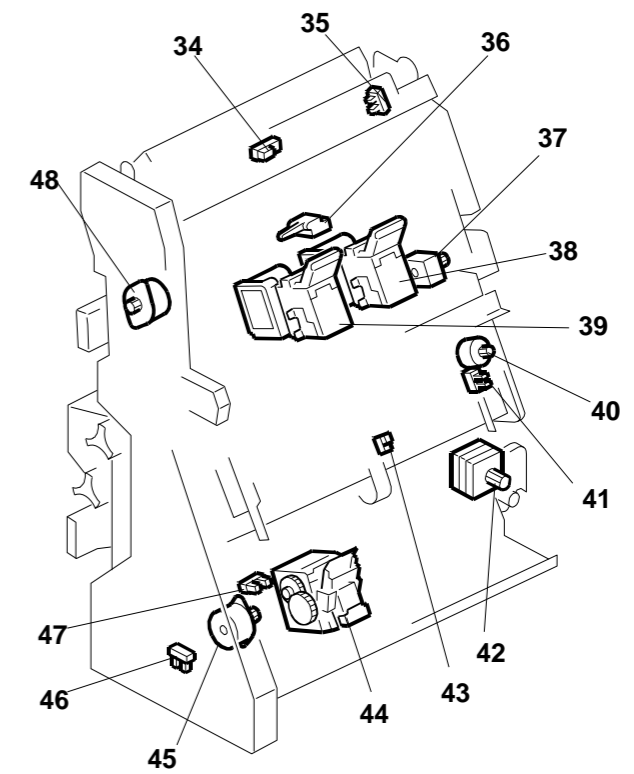
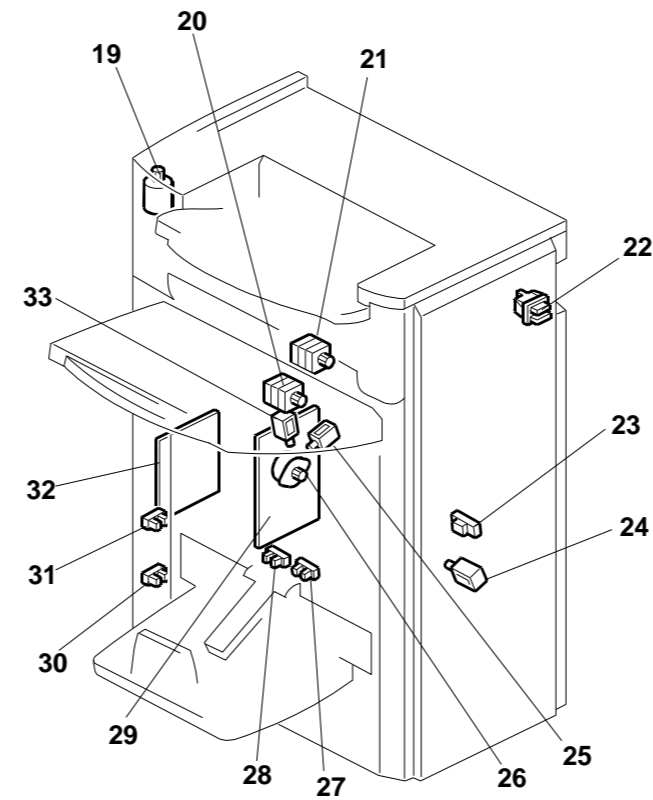
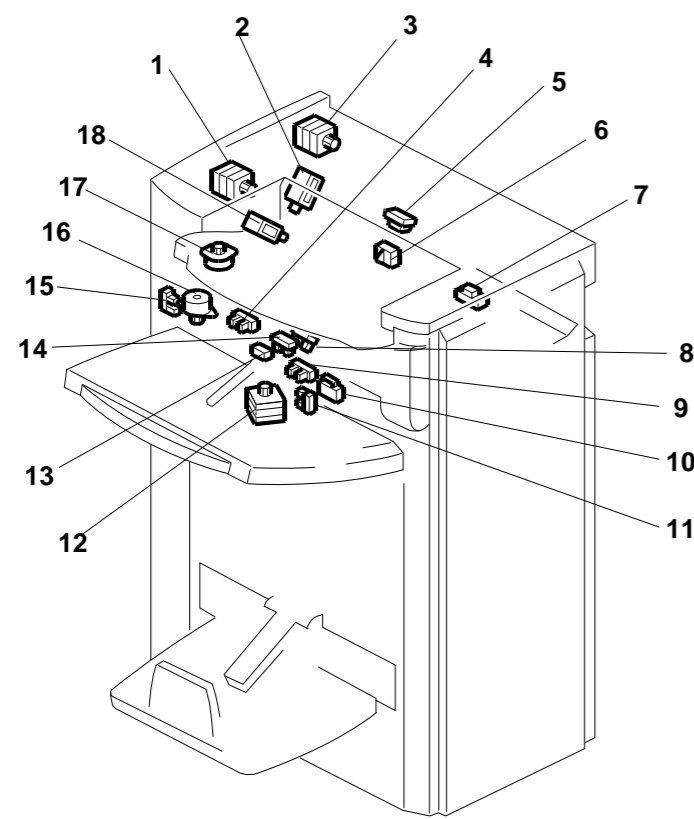
2000/3000 SHEET FINISHER (B804/B805/D373/D374) POINT TO POINT DIAGRAM(1/2)



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 |