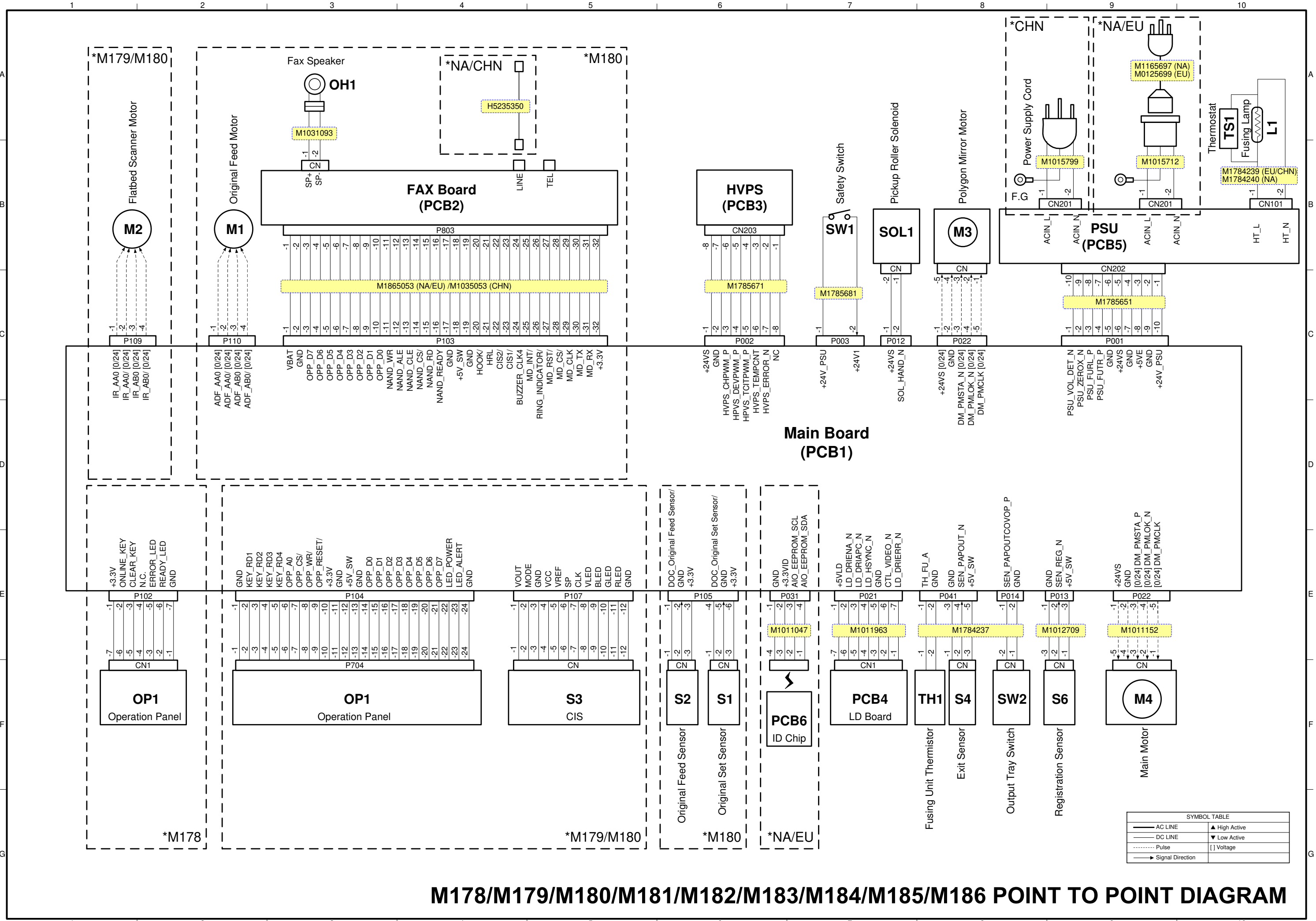


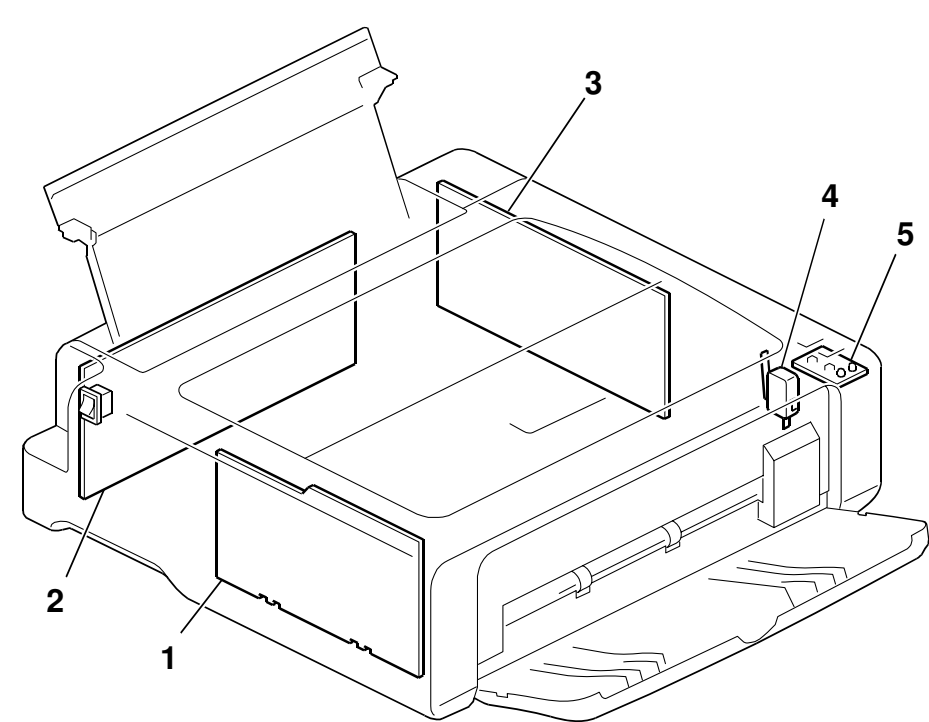


| SYMBOL TABLE       |               |
|--------------------|---------------|
| — AC LINE          | ▲ High Active |
| — DC LINE          | ▼ Low Active  |
| ····· Pulse        | [ ] Voltage   |
| → Signal Direction |               |

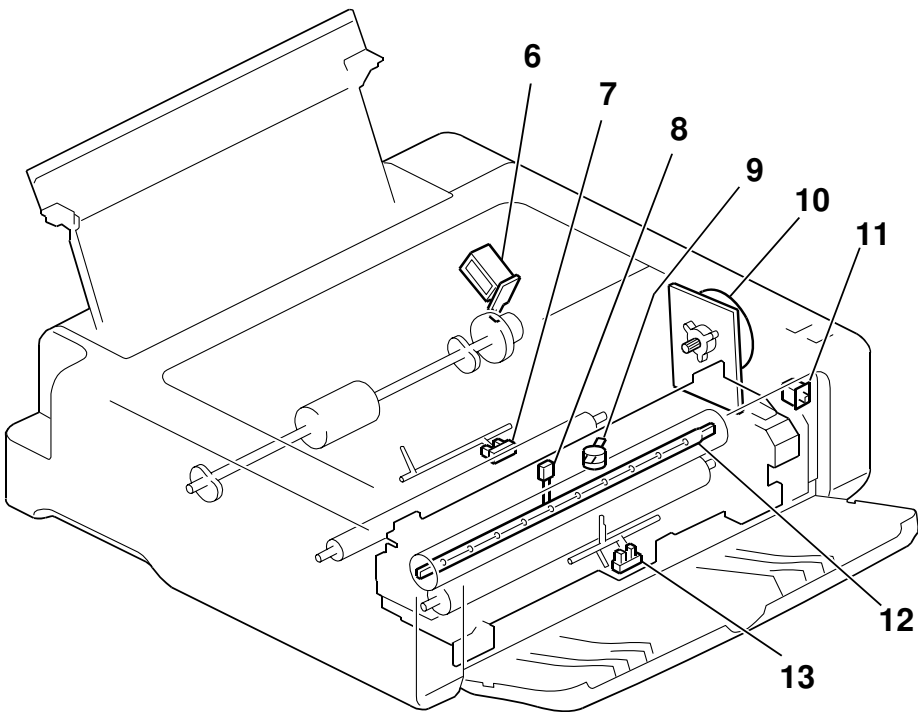
M178/M179/M180/M181/M182/M183/M184/M185/M186 POINT TO POINT DIAGRAM

# ELECTRICAL COMPONENT LAYOUT

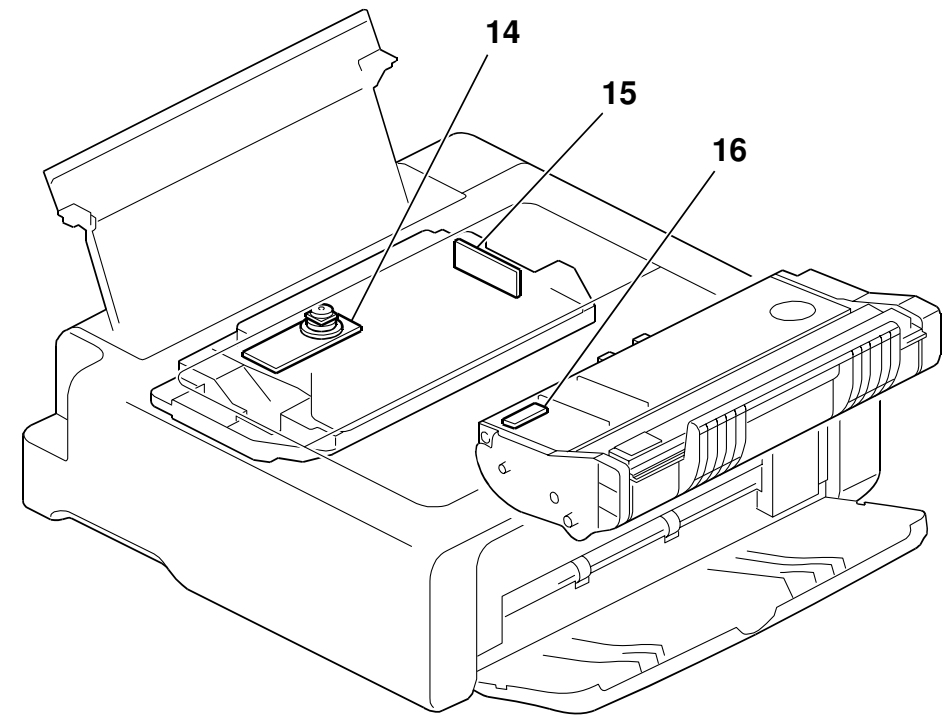
## (M178/M179/M180/M181/M182/M183/M184/M185/M186)



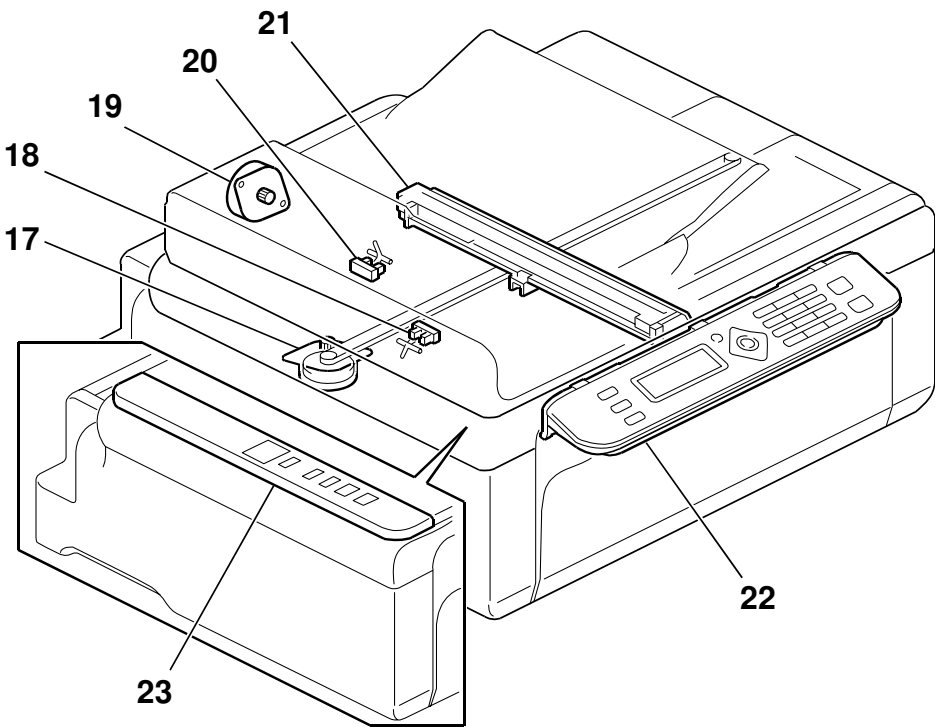
M101D102.WMF



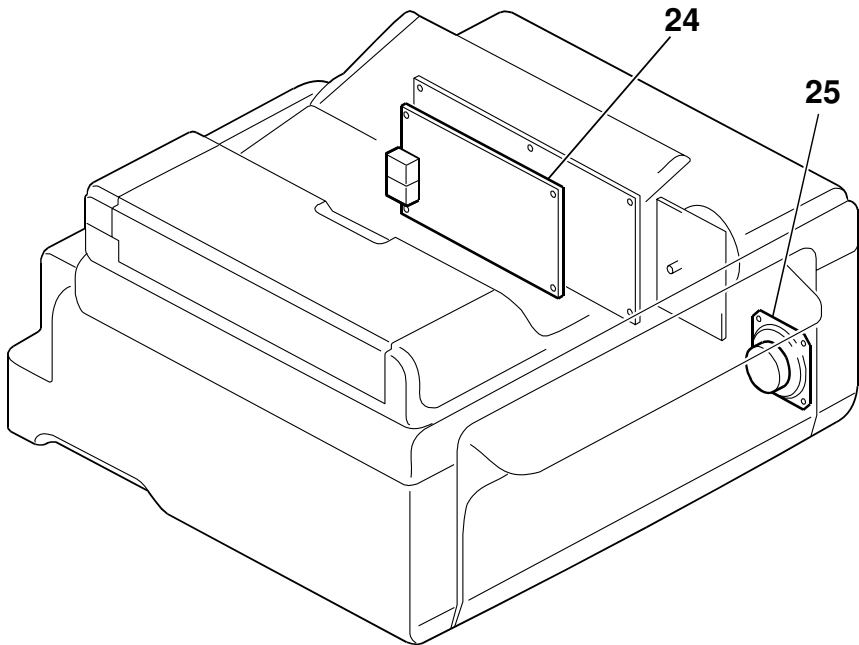
M101D103.WMF



M101D105.WMF



M102D102A.WMF



M102D103.WMF

| Symbol            | Index No. | Description            | P to P |
|-------------------|-----------|------------------------|--------|
| <b>Motors</b>     |           |                        |        |
| M1                | 19        | Original Feed Motor    | B2     |
| M2                | 17        | Flatbed Scanner Motor  | B1     |
| M3                | 14        | Polygon Mirror Motor   | B8     |
| M4                | 10        | Main Motor             | F9     |
| <b>PCBs</b>       |           |                        |        |
| PCB1              | 3         | Main Board             | D7     |
| PCB2              | 24        | FAX Board              | B4     |
| PCB3              | 1         | HVPS                   | B6     |
| PCB4              | 15        | LD Board               | F7     |
| PCB5              | 2         | PSU                    | B9     |
| PCB6              | 16        | ID Chip                | F7     |
| <b>Sensors</b>    |           |                        |        |
| S1                | 20        | Original Set Sensor    | F6     |
| S2                | 18        | Original Feed Sensor   | F6     |
| S3                | 21        | CIS                    | F5     |
| S4                | 13        | Exit Sensor            | F8     |
| S5                | 7         | Registration Sensor    | F9     |
| <b>Solenoid</b>   |           |                        |        |
| SOL1              | 6         | Pickup Roller Solenoid | B7     |
| <b>Switches</b>   |           |                        |        |
| SW1               | 4         | Safety Switch          | B7     |
| SW2               | 11        | Output Tray Switch     | F8     |
| <b>Thermistor</b> |           |                        |        |
| TH1               | 8         | Fusing Unit Thermistor | F8     |
| <b>Thermostat</b> |           |                        |        |
| TS1               | 9         | Thermostat             | A10    |
| <b>Lamp</b>       |           |                        |        |
| L1                | 12        | Fusing Lamp            | A10    |
| <b>Others</b>     |           |                        |        |
| OP1               | 5,22,23   | Operation Panel        | F2,3   |
| OH1               | 25        | Fax Speaker            | A3     |