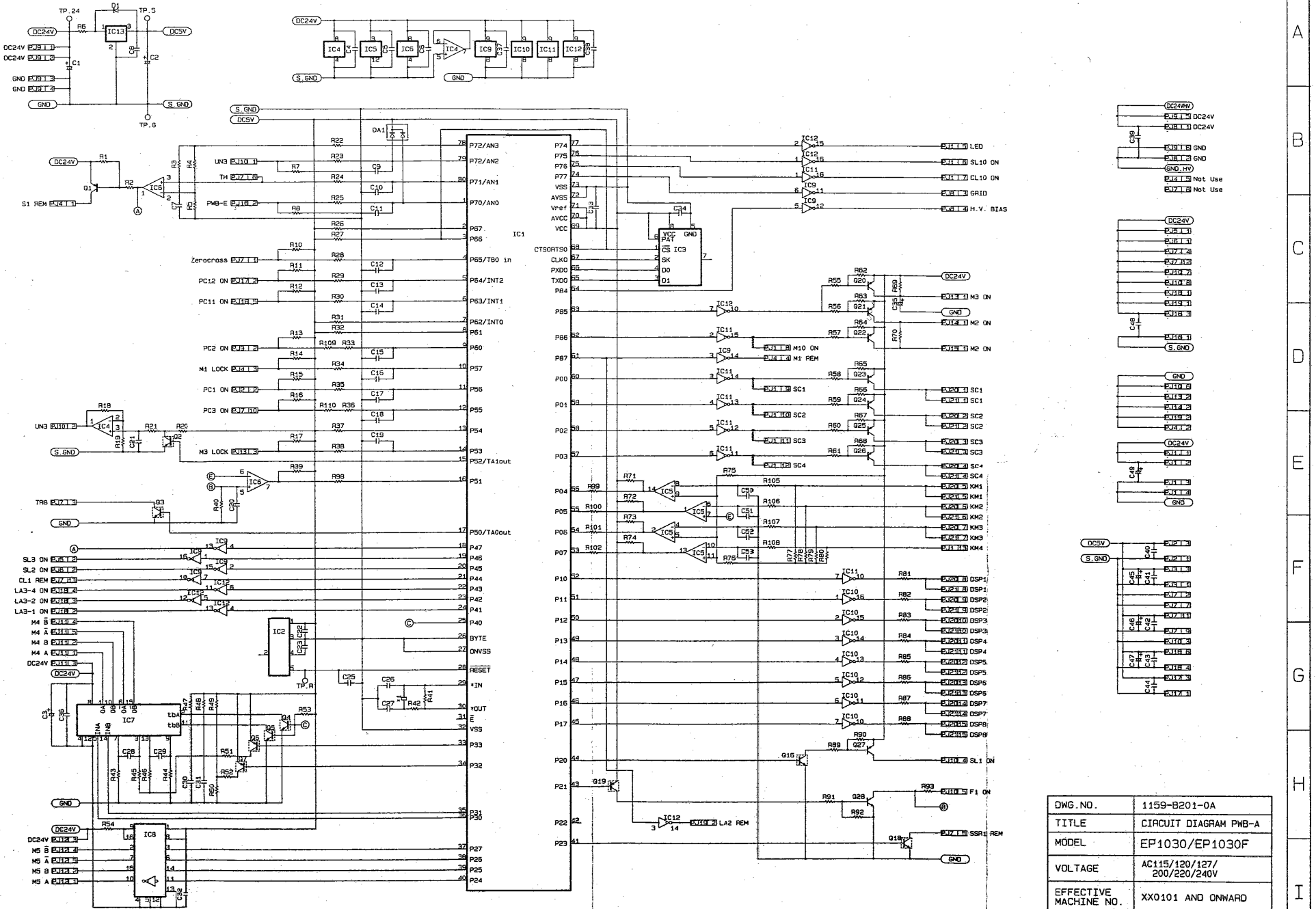
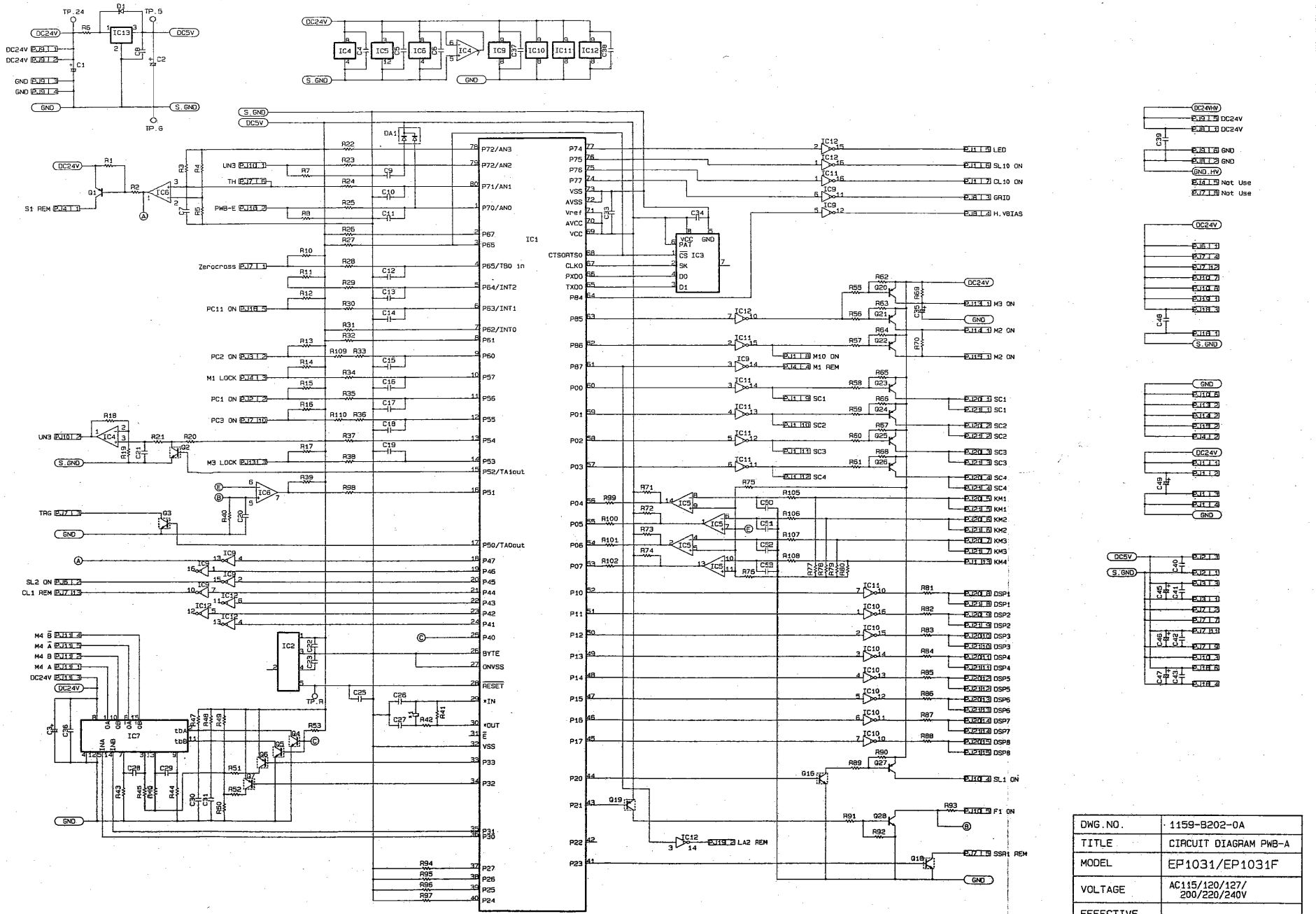
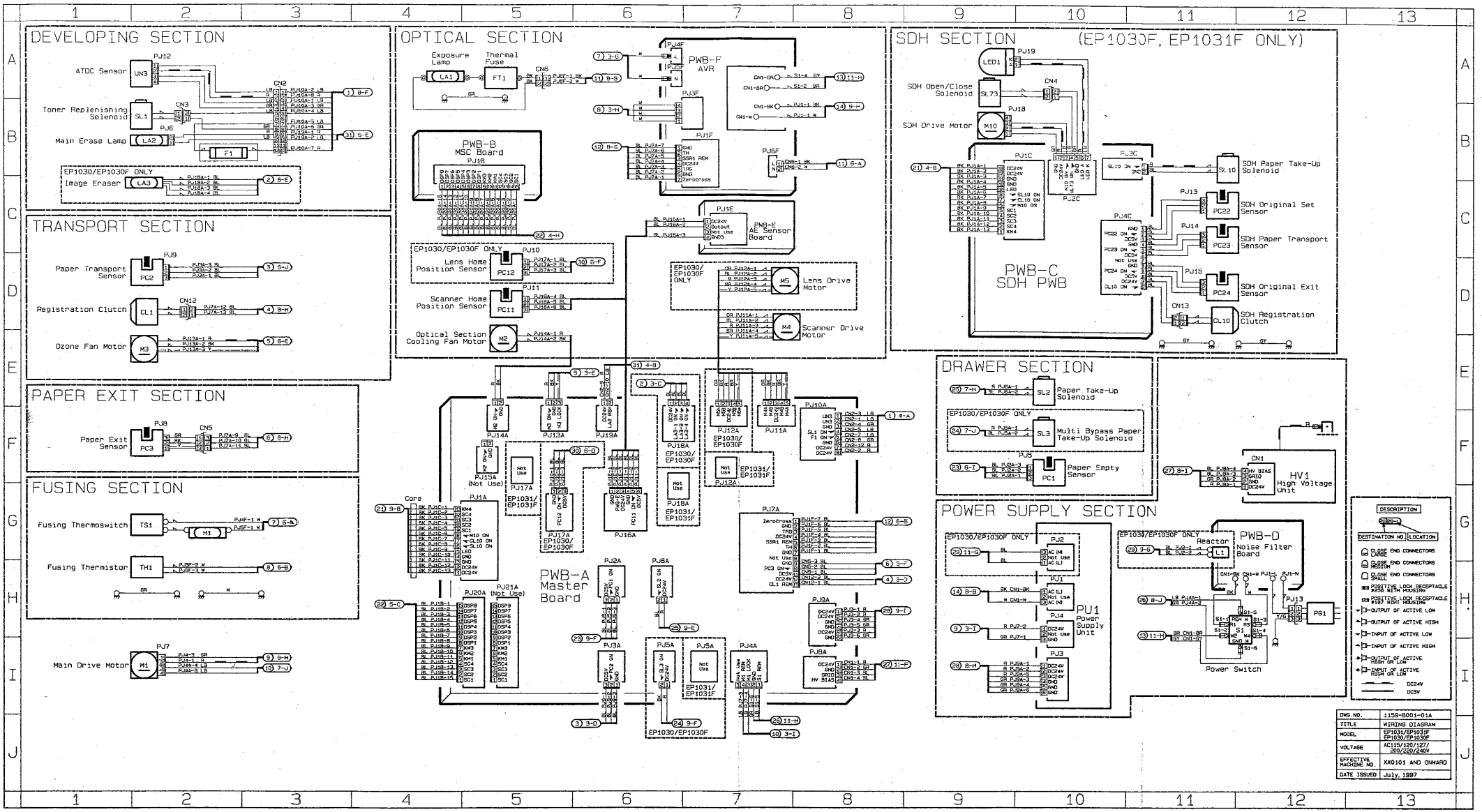
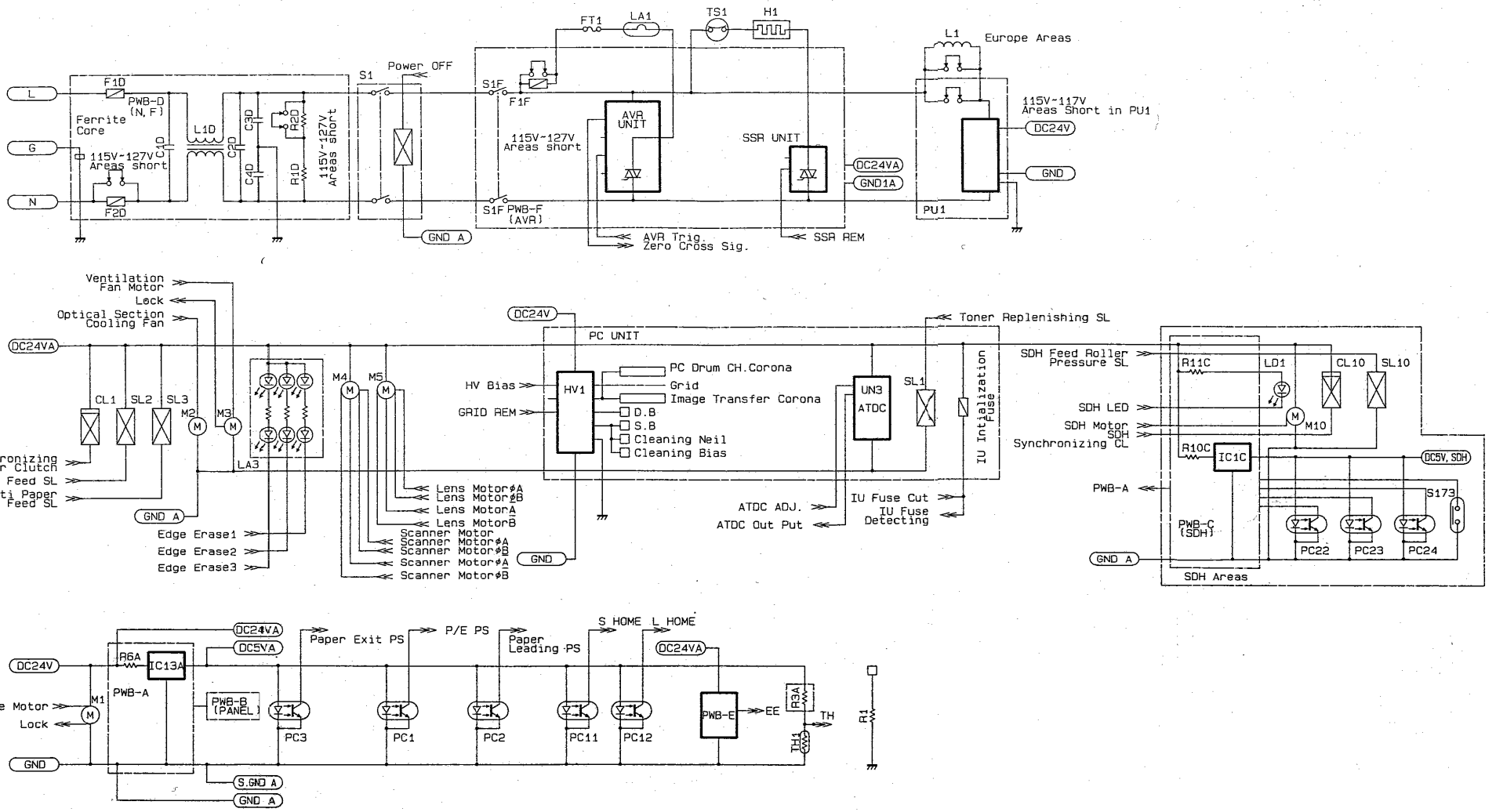


| | |
|---|---|
| DWG.NO. | 1159-B201-0A |
| TITLE | CIRCUIT DIAGRAM PWB-A |
| MODEL | EP1030/EP1030F |
| VOLTAGE | AC115/120/127/ 200/220/240V |
| EFFECTIVE MACHINE NO. | XX0101 AND ONWARD |
| DATE ISSUED | July. 1997 |




| | |
|---|---|
| DWG.NO. | 1159-B202-0A |
| TITLE | CIRCUIT DIAGRAM PWB-A |
| MODEL | EP1031/EP1031F |
| VOLTAGE | AC115/120/127/ 200/220/240V |
| EFFECTIVE MACHINE NO. | XX0101 AND ONWARD |
| DATE ISSUED | July, 1997 |


DEVELOPING SECTION
ATDC Sensor
Toner Replenishing Solenoid
Main Erase Lamp
EP1030/EP1030F ONLY
Image Eraser
TRANSPORT SECTION
Paper Transport Sensor
Registration Clutch
Ozone Fan Motor
PAPER EXIT SECTION
Paper Exit Sensor
FUSING SECTION
Fusing Thermoswitch
Fusing Thermistor
Main Drive Motor
OPTICAL SECTION
Exposure Lamp
Thermal Fuse
PWB-F AVR
PWB-B MSC Board
EP1030/EP1030F ONLY
Lens Home Position Sensor
Scanner Home Position Sensor
Optical Section Cooling Fan Motor
PWB-E AE Sensor Board
Lens Drive Motor
Scanner Drive Motor
PWB-A Master Board
Core
EP1030/EP1030F
EP1031/EP1031F
SDH SECTION (EP1030F, EP1031F ONLY)
SDH Open/Close Solenoid
SDH Drive Motor
PWB-C SDH PWB
SDH Paper Take-Up Solenoid
SDH Original Set Sensor
SDH Paper Transport Sensor
SDH Original Exit Sensor
SDH Registration Clutch
DRAWER SECTION
Paper Take-Up Solenoid
Multi Bypass Paper Take-Up Solenoid
Paper Empty Sensor
HV1 High Voltage Unit
POWER SUPPLY SECTION
PWB-D Noise Filter Board
PU1 Power Supply Unit
Reactor
Power Switch
DESCRIPTION
DESTINATION NO.
LOCATION
CLOSE END CONNECTORS LOCK
CLOSE END CONNECTORS HOUSING
CLOSE END CONNECTORS SHELL
POSITIVE LOCK RECEPTACLE #250 WITH HOUSING
POSITIVE LOCK RECEPTACLE #187 WITH HOUSING
OUTPUT OF ACTIVE LOW
OUTPUT OF ACTIVE HIGH
INPUT OF ACTIVE LOW
INPUT OF ACTIVE HIGH
OUTPUT OF ACTIVE HIGH OR LOW
INPUT OF ACTIVE HIGH OR LOW
DC24V
DC5V
DWG.NO. 1159-8001-01A
TITLE WIRING DIAGRAM
MODEL EP1031/EP1031F EP1030/EP1030F
VOLTAGE AC115/120/127/ 200/220/240V
EFFECTIVE MACHINE NO. XX0101 AND ONWARD
DATE ISSUED July, 1997




| | |
|---|---|
| PWB-A | Master Board |
| PWB-B | MSC Board |
| PWB-D | Noise Filter Board |
| PWB-E | AE Sensor Board |
| PWB-F | AVR |
| UN3 | ATDC Sensor |
| M1 | Main Drive Motor |
| M2 | Optical Section Cooling Fan Motor |
| M3 | Ozone Fan Motor |
| M4 | Scanner Drive Motor |
| M5 | Lens Drive Motor |
| SL1 | Toner Replenishing Solenoid |
| SL2 | Paper Take-Up Solenoid |
| SL3 | Multi Bypass Paper Take-Up Solenoid |

| | |
|---|---|
| CL1 | Registration Clutch |
| PU1 | Power Supply Unit |
| HV1 | High Voltage Unit |
| S1 | Power Switch |
| PC1 | Paper Empty Sensor |
| PC2 | Paper Transport Sensor |
| PC3 | Paper Exit Sensor |
| PC11 | Scanner Home Position Sensor |
| PC12 | Lens Home Position Sensor |
| TH1 | Fusing Thermistor |
| FT1 | Thermal Fuse |
| TS1 | Fusing Thermoswitch |
| LA1 | Exposure Lamp |
| LA2 | Main Erase Lamp |

| | |
|---|---|
| LA3 | Image Eraser |
| R1 | Guide Plate Varistor |
| L1 | Reactor |
| PWB-C | SDH PWB |
| M10 | SDH Drive Motor |
| CL10 | SDH Registration Clutch |
| SL10 | SDH Paper Take-Up Solenoid |
| SL73 | SDH Open/Close Solenoid |
| PC22 | SDH Original Set Sensor |
| PC23 | SDH Paper Transport Sensor |
| PC24 | SDH Original Exit Sensor |

| | |
|---|---|
| DWG.NO. | 1159-B101-0A |
| TITLE | CIRCUIT DIAGRAM |
| MODEL | EP1030/EP1030F EP1031/EP1031F |
| VOLTAGE | AC115/120/127/ 200/220/240V |
| EFFECTIVE MACHINE NO. | XX0101 AND ONWARD |
| DATE ISSUED | July. 1997 |