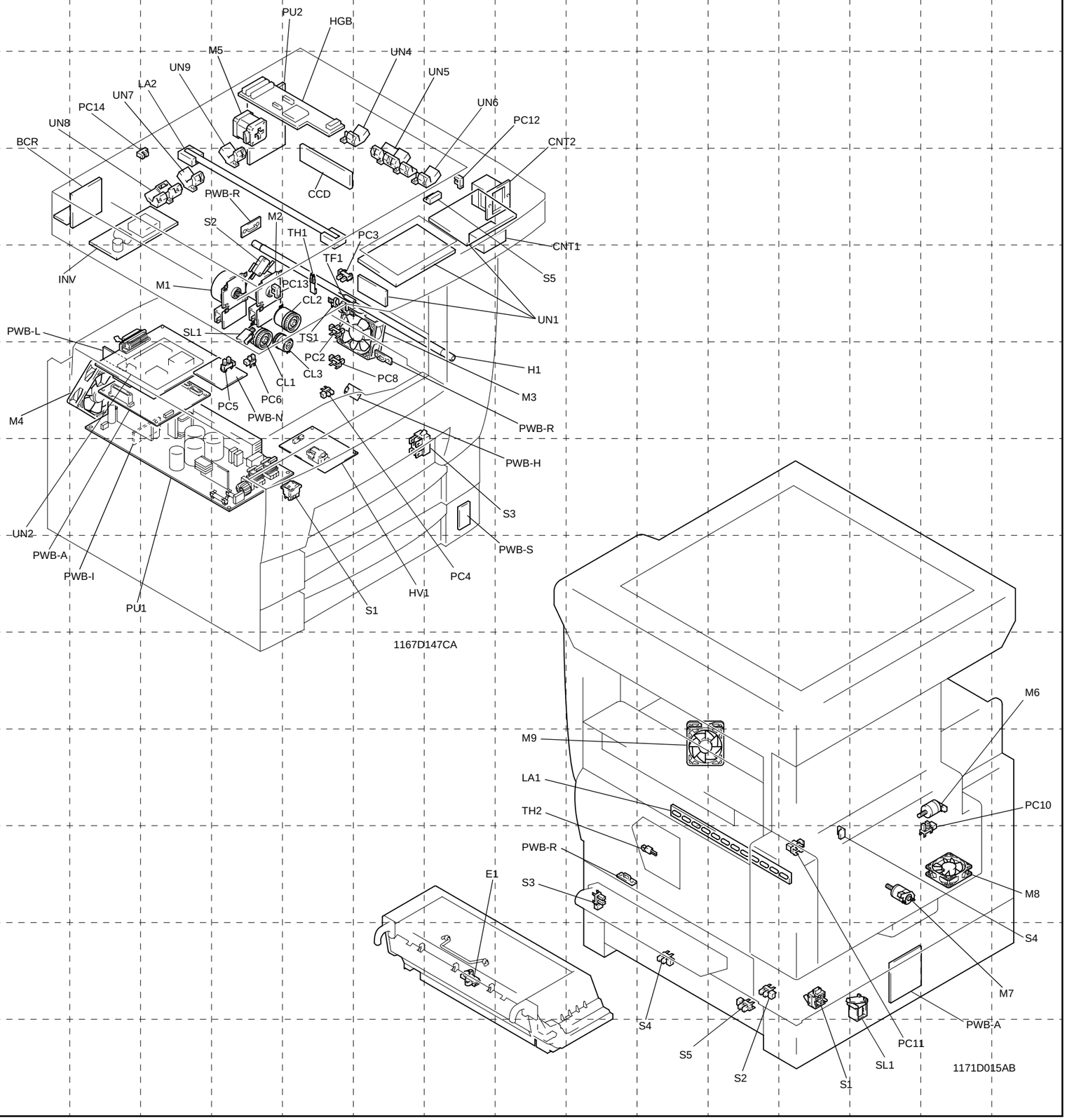
ELECTRICAL PARTS LAYOUT



SYMBOL	PART NAME	LOCATION	GRID
BCR	BCR Board	11~13-A~E	1~2-C
CCD	CCD Board	18-B~D	5-C
CL1	Synchronizing Clutch	22-H~I	4-D~E
CL2	Transport Clutch	20-H	4~5-D
CL3	Manual Feed Paper Take-Up Clutch	20-I	4~5-D~E
CNT1	Total Counter	27-A	7~8-C~D
CNT2	Plug-In Counter	——	7~8-C
E1	ATDC Sensor	4-H	7-K
H1	Fusing Roller Heater Lamp	1-C	4~7-D~E
HV1	High Voltage Unit	1-E~G	5-E~F
HGB	HGB Board	16~18-B~I	4~5-B
INV	Inverter Board	11-B~C	2~3-C~D
LA1	Eraser Lamp	4~5-E	10~12-I~J
LA2	Exposure Lamp	10-B	3~5-C
LD1	Laser ✻1	——	——
M1	I/C Motor	4-I	4-D
M2	Main Motor	20-E~F	4-D
M3	Fusing Cooling Fan Motor	1-A~B	5~6-D~E
M4	Power Unit Cooling Fan Motor	24-F	2-E
M5	Scanner Motor	11-C	4-B
M6	Main Hopper Toner Replenishing Motor	4-A	14-I
M7	Sub Hopper Toner Replenishing Motor	4-B	13-J
M8	Ozone Fan Motor	4-C	14-J
M9	I/C Cooling Fan Motor	4-F	10~11-H~I
M10	Polygon Motor ✻1	——	——
PC2	Synchronizing Roller Sensor	22-I	5-D
PC3	Paper Exit Sensor	1-D	5-D
PC4	Paper Empty Sensor	22-I	5-E
PC5	Paper Near Empty Sensor	20-G	4-E
PC6	Cassette Set Sensor	20-G~H	4-E
PC8	Main Feed Paper Take-Up Sensor	20-I	5-E
PC10	Toner Bottle Home Position Sensor	4-D	14-I~J
PC11	Toner Bottle Cover Sensor	4-D~E	12-J
PC12	Scanner Home Position Sensor 1	11-D	7-C
PC13	Scanner Home Position Sensor 2	11-D	4-D
PC14	Original Cover Detecting Sensor	11-C	2~3-C
PU1	Power Supply Unit 1	24~25-A~D	2~4-E~F
PU2	Power Supply Unit 2	24~25-E~F	4-B~C
PWB-A	Master Board	6~9-D~I	2~3-E
PWB-B	Laser Diode Board ✻1	——	——
PWB-H	Double Feed Detecting Board	20-F~G	5~6-E
PWB-I	Paper Size Detecting Board	20-F	2~3-E~F
PWB-L	PPM Switching Board	26~27-A	2-E

SYMBOL	PART NAME	LOCATION	GRID
PWB-N	RAM Board	21-A~B	3~4-E
PWB-R	Fuser Frame Register Board	1~2-B	4-C
PWB-R	Pre-Transfer Guide Plate Register Board 1	1~2-I	6-E
PWB-R	Pre-Transfer Guide Plate Register Board 2	1~2-I	9-J
S1	Power Switch	27-B	5-F
S2	Side Cover Interlock Switch 1	27-B~C	4-D
S3	Side Cover Interlock Switch 2	27-C	6~7-E~F
S4	Sub Hopper Toner Empty Switch	4-C	12-J
S5	Size Reset Switch	13-D~E	7-C
SL1	Paper Take-Up Solenoid	20-H	4-D
TF1	Fusing Roller Heater Lamp Fuse	2-C	5-D
TH1	Fusing Roller Thermistor	1~2-A	5-D
TH2	I/C Thermistor	4-G	10-J
TS1	Fusing Roller Thermostat	2-C	5-D
UN1	Control Panel	7~8-A~B	6~8-C~D
UN2	MFB Board	19~21-A~D	2~3-D~E
UN4	Original Size Detecting Sensor 1 (Option) ✻2	13-B	5~6-B
UN5	Original Size Detecting Sensor 2	10~11-A~B	6-C
UN6	Original Size Detecting Sensor 3 (Option)	15-E	6~7-C
UN7	Original Size Detecting Sensor 4	13-B~C	3-C
UN8	Original Size Detecting Sensor 5 (Option)	15-E~F	3-C
UN9	Original Size Detecting Sensor 6 ✻3	13-D	4-C
500-Sheet Cassette			
PWB-A	Cassette Main Board	21~22-F~H	13-K
PWB-S	Paper Size Detecting Board	21-G	7-F
S1	Cassette Set Switch	21-H	12-K
S2	Side Door Set Sensor	22-F~G	11-K
S3	Take-Up Sensor	22-G~H	9-J
S4	Paper Empty Sensor	22-G	10-K
S5	Paper Near Empty Sensor	22-F	11-K
SL1	Take-Up Solenoid	21-F	13-K

✻1: Components used in the PH Unit
✻2: Metric Areas Only
✻3: Standard for the Metric Areas
Optional for the Inch Areas