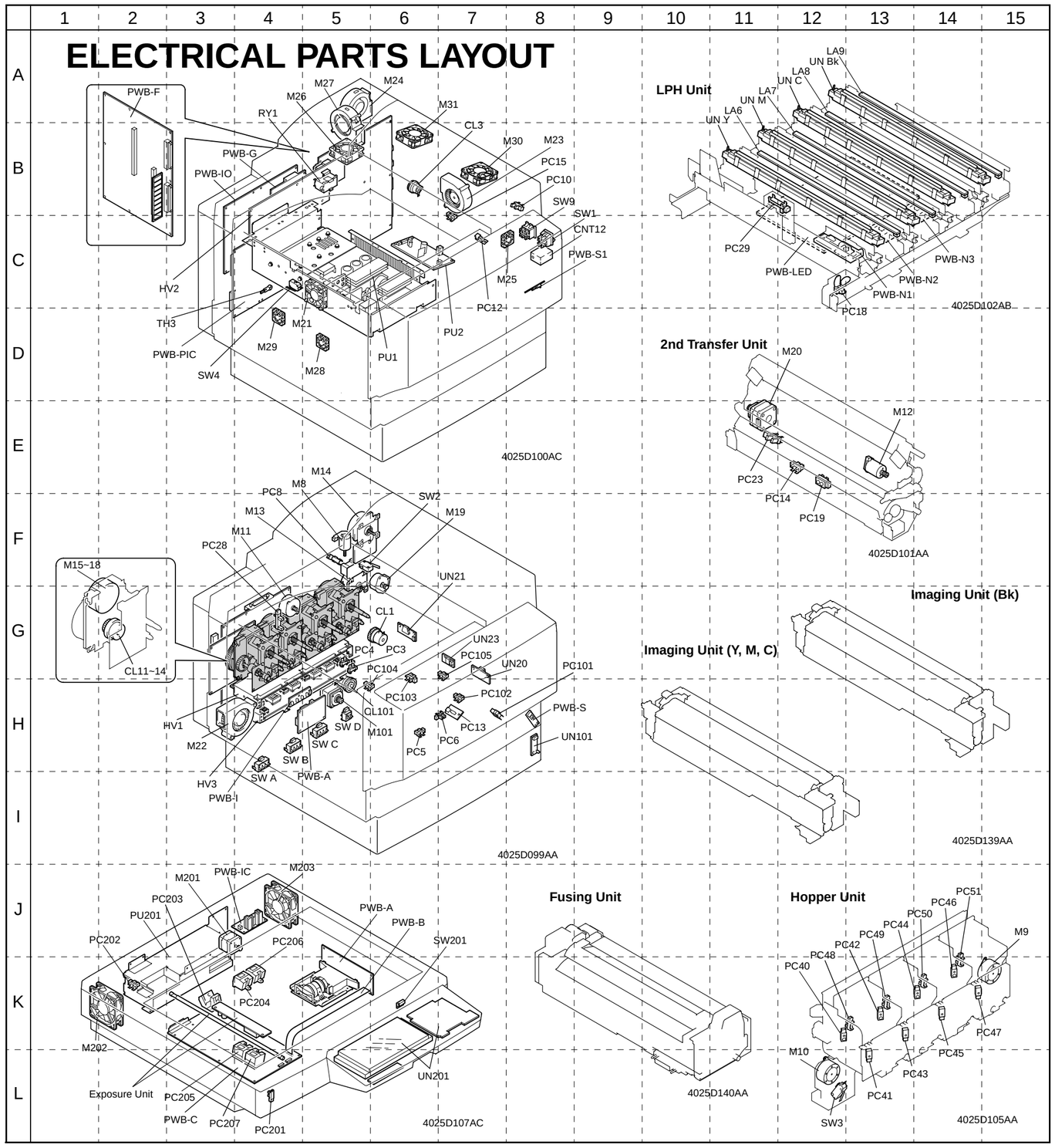
ELECTRICAL PARTS LAYOUT



SYMBOL	PART NAME	LOCATION	GRID
CL1	1st Drawer Paper Take-Up Clutch	A-8	G-5~6
CL3	Manual Feed Paper Take-Up Clutch	A-1~2	B-6
CL11	Developing Clutch Y	A~B-16	G-2
CL12	Developing Clutch M	B-18	G-2
CL13	Developing Clutch C	C-17	G-2
CL14	Developing Clutch Bk	C~D-18	G-2
CL101	2nd Drawer Paper Take-Up Clutch	I-5	G~H-5
CNT12	Total Counter	E-36	C-8
HV1	High Voltage Unit (PC Drum CH.)	A~B-21~22	G~H-4~5
HV2	High Voltage Unit (Image Transfer, Neutralizing)	A~C-5~6	B~C-4~5
HV3	High Voltage Unit (Developing Bias)	B~C-19~20	G~H-4~5
LA6	Main Erase Lamp Y	B-10	B~C-11~13
LA7	Main Erase Lamp M	B-10	B~C-12~14
LA8	Main Erase Lamp C	B-10	A~B-12~14
LA9	Main Erase Lamp Bk	B-10	A~B-13~15
M8	Fusing Pressure/Retraction Motor	E-2	F-5
M9	Toner Replenishing Motor C/Bk	A-10	K-14~15
M10	Toner Replenishing Motor Y/M	A-10	L-12
M11	1st Image Transfer Pressure/ Retraction Motor	D-5	G-4
M12	2nd Image Transfer Pressure/ Retraction Motor	D-5	E-13
M13	Main Motor	A-35~36	F~G-5
M14	Fusing Drive Motor	E-2	F-5~6
M15	IU Motor Y	A~B-16	F~G-1~2
M16	IU Motor M	B-17	F~G-1~2
M17	IU Motor C	C-16	F~G-1~2
M18	IU Motor Bk	C~D-18	F~G-1~2
M19	Synchronizing Roller Motor	H-2	F~G-6
M20	Transport Roller Motor	H-2	E-11
M21	Power Supply Cooling Fan Motor	I-28~29	C~D-5
M22	Ozone Ventilation Fan Motor	A-19	H-3~4
M23	Suction Fan Motor	G~H-2	B-7
M24	Fusing Cooling Fan Motor	F-2	A-5~6
M25	Cooling Fan Motor 1	A-35~36	C-7~8
M26	Cooling Fan Motor 2	B-35~36	B-5
M27	Cooling Fan Motor 3	B-35~36	A~B-5
M28	Cooling Fan Motor 4	B-35~36	D-5
M29	Cooling Fan Motor 5	B~C-35~36	D-4
M30	Fusing Roll Cooling Fan Motor 1	F-2	B-7
M31	Fusing Roll Cooling Fan Motor 2	F~G-2	B-6
M101	2nd Drawer Paper Take-Up Motor	G-6	H-5
M201	Scanner Motor	G-22	J-3~4
M202	IR Power Supply Cooling Fan Motor	G-19~20	K-1~2
M203	IR Drive Board Cooling Fan Motor	G~H-19~20	J-4
PC3	1st Drawer Set Sensor	C-8	G-5
PC4	1st Drawer Paper Near-Empty Sensor	B-8	G-5
PC5	CD Paper Size Detecting Sensor	B-8	H-6
PC6	1st Paper Empty Sensor	A~B-8	H-6~7
PC8	Fusing Retraction Position Sensor	G-2	F-5
PC10	Exit Sensor	E~F-8	B-8
PC12	Image Transfer Belt Reference Position Sensor	D~E-5~6	C-7
PC13	1st Drawer Double Feed Sensor	C-8	H-7
PC14	Synchronizing Roller Sensor	I-2	E-12
PC15	Manual Feed Paper Take-Up Sensor	A~B-1~2	B~C-7
PC18	Waste Toner Bottle Set Sensor	F-35	C-12
PC19	OHP Detecting Sensor	H~I-2	E-12
PC23	2nd Image Transfer Pressure Position Sensor	E-5~6	E-11~12
PC28	1st Image Transfer Retraction Position Sensor	E-5~6	G-4
PC29	Waste Toner Full Detecting Sensor	F~G-35	B-11~12
PC40	Toner Near-Empty Sensor LED Y	C-12	K-12
PC41	Toner Near-Empty Sensor PQ Y	A-12	L-13
PC42	Toner Near-Empty Sensor LED M	C-12	K-13
PC43	Toner Near-Empty Sensor PQ M	A-12	K-13
PC44	Toner Near-Empty Sensor LED C	B~C-12	K-14
PC45	Toner Near-Empty Sensor PQ C	A-12	K-14
PC46	Toner Near-Empty Sensor LED Bk	C-12	K-14
PC47	Toner Near-Empty Sensor PQ Bk	A~B-12	K-14

SYMBOL	PART NAME	LOCATION	GRID
PC48	TC Set Sensor Y	D-12	K-13
PC49	TC Set Sensor M	B-12	K-13
PC50	TC Set Sensor C	B-12	K-14
PC51	TC Set Sensor Bk	D-12	J~K-14
PC101	2nd Drawer Paper Take-Up Sensor	H-6	H-7
PC102	2nd Drawer Paper Empty Sensor	I-6	H-7
PC103	2nd Drawer Paper Near-Empty Sensor	H~I-6	G~H-6
PC104	2nd Drawer Door Set Sensor	H~I-5	H-5~6
PC105	2nd Drawer Double Feed Sensor	H-6	G~H-7
PC201	Scanner Home Sensor	G-26	L-4
PC202	Original Cover Detecting Sensor	H-19~20	K-2
PC203	Original Size Detecting Sensor FD1 (OP:USA)	H~I-19~20	K-3
PC204	Original Size Detecting Sensor FD2	I-19~20	K~3~4
PC205	Original Size Detecting Sensor CD1	F-25~26	K~L-3~4
PC206	Original Size Detecting Sensor FD3 (OP:Europe, USA, Taiwan)	G-19~20	K-4
PC207	Original Size Detecting Sensor CD2 (OP:Europe, USA, Taiwan)	F-19~20	K~L-4
PU1	DC Power Supply 1	E~I-28~30	C-5~6
PU2	DC Power Supply 2	E~F-30~31	C-6~7
PU201	DC Power Supply 3	H~I-21~22	J~K-2~3
PWB-A	Control Board	G~I-7~8	H-4~5
PWB-A	CCD Sensor Board	A-24~26	J~K-4~6
PWB-B	Image Processing Interface Board	–	K~L-4~5
PWB-C	Image Processing Board	B~F-24~27	K~L-3~4
PWB-F	Image Control Board	A~C-30~31	A~C-2~3
PWB-G	Option Interface Board	B~E-28~30	B-4~5
PWB-I	Paper Size Detecting Board	D~E-7~8	H-4~5
PWB-IC	Scanner Motor Drive Board	F~G-21~22	J-3~4
PWB-IO	IO Board	E~I-10~18	B~C-3~4
PWB-LED	LED Drive Board	C~E-20~22	B~C-11~14
PWB-N1	ATDC Sensor Y	B~C-10	C-12~13
PWB-N2	ATDC Sensor M	C-10	C-13
PWB-N3	ATDC Sensor C	C~D-10	B~C-13~14
PWB-PIC	PIC Board	B~D-32~33	A~D-4~6
PWB-S	Paper Type Detection Board	C~D-7~8	H-8
PWB-S1	Tech. Rep. Setting Switches Board	E~F-35~36	C-8
RY1	Charge Neutralizing Relay	A-4~5	B-5
SW A	Paper Size Detecting Switch 1	H-9	H~I-4
SW B	Paper Size Detecting Switch 2	H-9	H-4
SW C	Paper Size Detecting Switch 3	I-5	H-5
SW D	2nd Drawer Set Switch	H-5	H-5
SW1	Power Switch	C-36	C-8
SW2	Right Door Switch	D-36	F-5~6
SW3	Front Door Switch	D-36	L-12~13
SW4	Left Door Switch	C-36	C-4
SW9	Upper Right Door Switch	D~E-23	C-8
SW201	Size Reset Switch	G-26	K-6
TH3	Image Transfer Thermistor	E~F-5~6	C-4
UN Bk	LPH Assy Bk	D-22	A~B-12~15
UN C	LPH Assy C	D-21	A~B-12~14
UN M	LPH Assy M	D-20~21	B~C-11~14
UN Y	LPH Assy Y	D-20	B~C-11~13
UN20	AIDC/Resist Sensor 1	C-5	G~H-7
UN21	AIDC/Resist Sensor 2	C-5	G-6
UN23	Temperature/humidity Sensor	D-14	G-7
UN101	2nd Drawer Paper Near-Empty Board	G~H-6~7	H-8
UN201	Control Panel	F~G-23~25	K~L-5~7
–	Exposure Unit	G~I-24~27	K~L-3~4

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