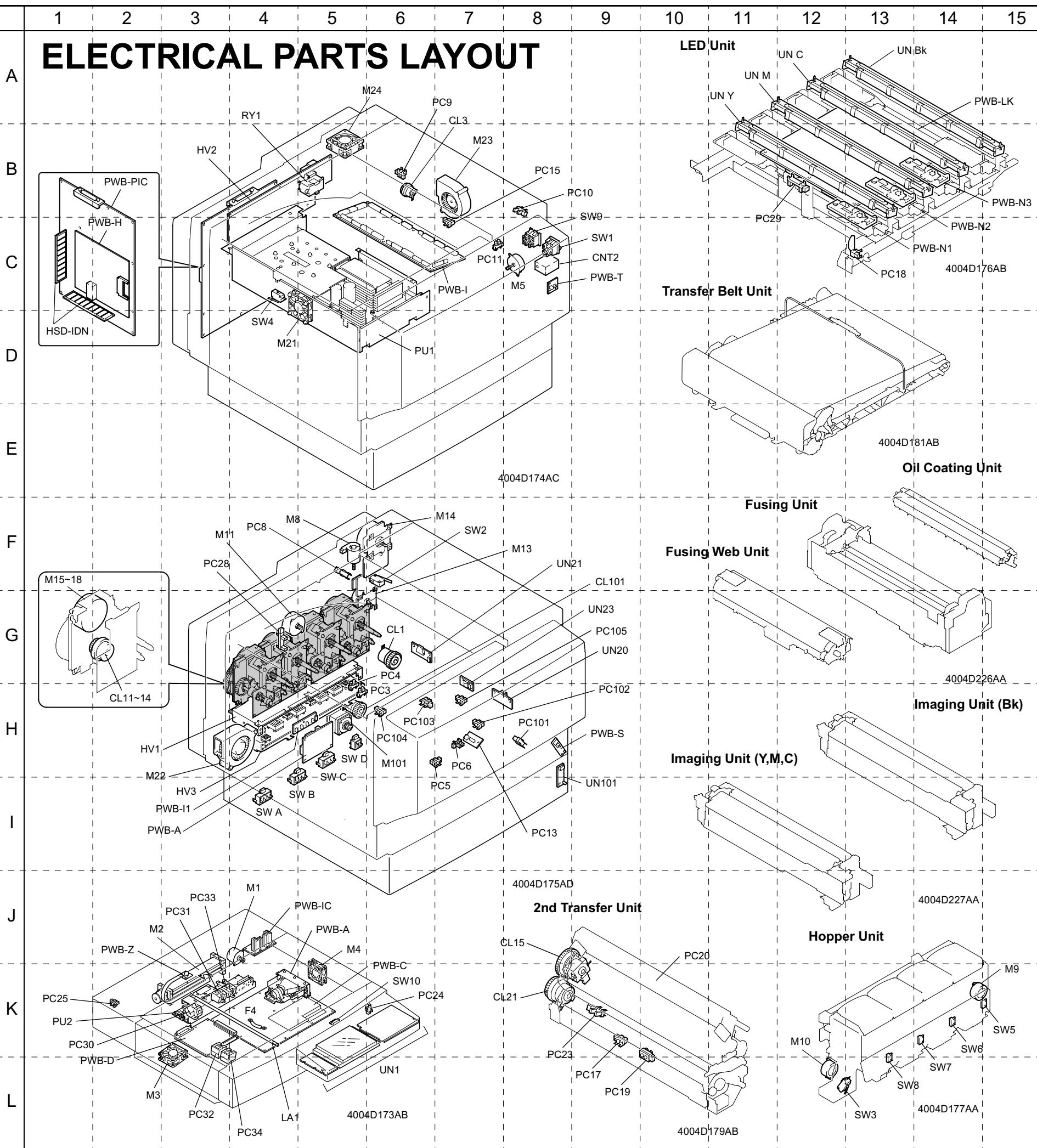


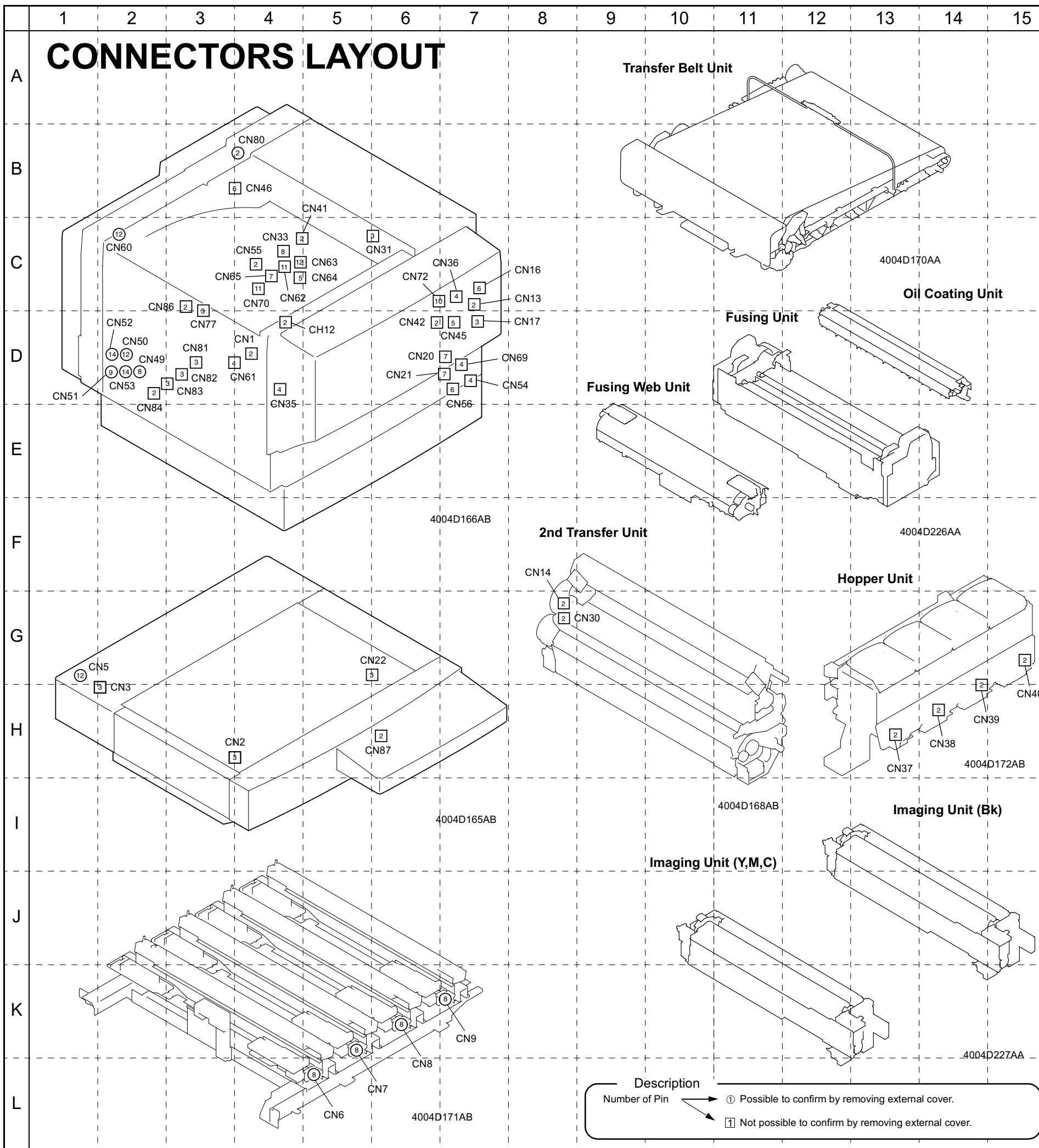
# ELECTRICAL PARTS LAYOUT



SYMBOL	PART NAME	LOCATION	GRID	SYMBOL	PART NAME	LOCATION	GRID
CL1	1st Drawer Paper Take-Up Clutch	A-8	G-6	PU2	DC Power Supply 2	A~C-29~30	K-3
CL3	Manual Feed Paper Take-Up Clutch	A-1~2	B-6	PWB-A	Control Board	G~I-7~8	H-5
CL11	Developing Clutch Y	B-16	G-2	PWB-A	CCD Sensor Board	E-F-23~25	K-4
CL12	Developing Clutch M	B-17~18	G-2	PWB-C	Image Processing Board	D~I-25~27	K-4
CL13	Developing Clutch C	C-16	G-2	PWB-D	IR PRIF Board	B-C-25~27	K-3
CL14	Developing Clutch Bk	D-18	G-2	PWB-H	MSC Board	H~I-23~25	C-1
CL15	2nd Image Transfer Pressure/Retraction Clutch	E-6	J-8	PWB-I	Master Board	E~I-10~18	C-6
CL21	Synchronizing Roller Clutch	H-2	K-8	PWB-I1	Paper Size Detecting Board	D~E-7~8	H-5
CL101	2nd Drawer Paper Take-Up Clutch	I-5	H-5	PWB-IC	Scanner Motor Drive Board	H-20~21	J-4
CNT1	Mechanical Counter (OP)	D-36	—	PWB-LK	LED Board	C~E-20~22	B-14
CNT2	Total Counter	D~E-36	C-8	PWB-N1	ATDC Sensor Y	B~C-12	C-13
F4	Temperature Fuse	G-21	K-4	PWB-N2	ATDC Sensor M	C-12	B-13
HSD-IDN	Memory Board	C-33~34	C-1	PWB-N3	ATDC Sensor C	D-12	B-14
HV1	High Voltage Unit 1	B-21~22	H-4	PWB-PIC	PIC Board	A~C-32~34	B-1
HV2	High Voltage Unit 2	A~C-5~6	B-4	PWB-S	Paper Type Detection Board	C~D-7~8	H-8
HV3	High Voltage Unit 3	B~C-19~20	H-4	PWB-T	Tech. Rep. Setting Switches Board	E-36	C-8
LA1	Exposure Lamp	G-21	K-4	PWB-Z	Flat Cable	G-21~22	K-3
M1	Scanner Motor	H-22	J-4	RY1	Charge Neutralizing Relay	A-5	B-5
M2	Original Glass Cooling Fan Motor	I-19~20	K-3	SW A	Paper Size Detecting Switch 1	H-9	I-4
M3	IR Cooling Fan Motor 1	H-19~20	K-3	SW B	Paper Size Detecting Switch 2	H-9	H-5
M4	IR Cooling Fan Motor 2	H-19~20	K-5	SW C	Paper Size Detecting Switch 3	I-5	H-5
M5	Cleaning Web Drive Motor	E~F-2	C-8	SW D	2nd Drawer Set Switch	H-5	H-5
M8	Fusing Pressure/Retraction Motor	F-2	F-5	SW1	Power Switch	C-36	C-8
M9	Toner Replenishing Motor C/Bk	A-10	K-14	SW2	Right Door Switch	B-36	F-6
M10	Toner Replenishing Motor Y/M	B-12	L-12	SW3	Front Door Switch	C-36	L-12
M11	1st Image Transfer Pressure/Retraction Motor	C~D-6	G-4	SW4	Left Door Switch	B-36	C-4
M13	Main Motor	A-36	G-5	SW5	Toner Empty Switch Bk	A-10	K-15
M14	Fusing Drive Motor	E-2	F-6	SW6	Toner Empty Switch C	A-12	K-14
M15	Imaging Unit Motor Y	A~B-15	G-1	SW7	Toner Empty Switch M	A-12	K-14
M16	Imaging Unit Motor M	A~B-17	G-1	SW8	Toner Empty Switch Y	A-12	L-13
M17	Imaging Unit Motor C	C~D-16	G-1	SW9	Upper Right Door Switch	A-21	C-8
M18	Imaging Unit Motor Bk	C~D-17~18	G-1	SW10	Size Reset Switch	I-19~20	K-5
M21	Power Supply Cooling Fan Motor	E-29	C-4	UN Bk	LED Array Bk	D-22	A-13
M22	Ozone Ventilation Fan Motor	A-19	H-4	UN C	LED Array C	D-21	B-13
M23	Fusing Cooling Fan Motor 1	G-2	B-7	UN M	LED Array M	D-20	B-12
M24	Fusing Cooling Fan Motor 2	F-2	B-5	UN Y	LED Array Y	D-20	B-12
M101	2nd Drawer Paper Take-Up Motor	G-6	H-5	UN1	Control Panel	H-I-22~23	K-5
PC3	1st Drawer Set Sensor	C-8	H-5	UN20	AIDC/Registration Sensor 1	D-6	H-7
PC4	1st Drawer Paper Near-Empty Sensor	B-8	H-5	UN21	AIDC/Registration Sensor 2	D-6	G-6
PC5	CD Paper Size Detecting Sensor	B-8	H-7	UN23	Temperature/humidity Sensor	D-10	H-7
PC6	1st Paper Empty Sensor	B-8	H-7	UN101	2nd Drawer Paper Near-Empty Board	G~H-6	I-8
PC8	Fusing Retraction Position Sensor	G-2	F-5				
PC9	Fusing Roller Rotation Detecting Sensor	G-2	B-6				
PC10	Exit Sensor	E~F-8	B-8				
PC11	Toner Supply Door Sensor	B-12	C-7				
PC13	1st Double Feed Sensor	C-8	H-7				
PC15	Manual Feed Paper Take-Up Sensor	B-1~2	C-7				
PC17	Synchronizing Roller Sensor	I-2	K-9				
PC18	Waste Toner Bottle Set Sensor	F-36	C-13				
PC19	OHP Detecting Sensor	H-2	K-10				
PC23	2nd Image Transfer Pressure Position Sensor	F-6	K-9				
PC24	Scanner Home Sensor	G-19~20	K-6				
PC25	Original Cover Detecting Sensor	H-19~20	K-2				
PC28	1st Image Transfer Retraction Position Sensor	C-6	G-4				
PC29	Waste Toner Full Detecting Sensor	F-36	B-12				
PC30	Original Size Detecting Sensor FD1 (*1)	F-19~20	K-3				
PC31	Original Size Detecting Sensor FD2	G-19~20	K-3				
PC32	Original Size Detecting Sensor CD1	G-19~20	K-3				
PC33	Original Size Detecting Sensor FD3 (*2)	F-21	K-3				
PC34	Original Size Detecting Sensor CD2 (*2)	F~G-21	K-3				
PC101	2nd Drawer Paper Take-Up Sensor	H-6	H-8				
PC102	2nd Drawer Paper Empty Sensor	I-6	H-7				
PC103	2nd Drawer Paper Near-Empty Sensor	I-6	H-6				
PC104	2nd Drawer Door Set Sensor	H-I-5	H-6				
PC105	2nd Drawer Paper Double Feed Sensor	H-6	H-7				
PU1	DC Power Supply 1	F~I-28~30	C-4				

\*1: Optional for the U.S.A.

\*2: Optional for the Europe, U.S.A. and Taiwan



CN No.	LOCATION	GRID
CN1	2P	I-5
CN2	3P	H-19
CN3	3P	I-19
CN5	12P	F-33
CN6	8P	B-23
CN7	8P	A-23
CN8	8P	C-23
CN9	8P	D~E-23
CN12	2P	H-30
CN13	2P	D-35
CN14	2P	E-6
CN16	6P	E~F-2
CN17	3P	E~F-9
CN20	7P	D-6
CN21	7P	D-6
CN22	3P	H-19
CN30	2P	H-2
CN31	3P	G-2
CN33	8P	A~B-3
CN35	4P	B-12
CN36	4P	A-11
CN37	2P	A-12
CN38	2P	A-12
CN39	2P	A-12
CN40	2P	A-11
CN41	2P	A-2
CN42	2P	D-35
CN45	5P	C-35
CN46	6P	C~D-6
CN49	8P	D-19
CN50	12P	C-13
CN51	9P	F-35
CN52	14P	B-23
CN53	14P	C~D-23
CN54	4P	C-9
CN55	2P	A-9
CN56	6P	B-9
CN60	12P	F-34
CN61	4P	G-6
CN62	11P	G~H-33
CN63	12P	H~I-3
CN64	5P	H-33
CN65	7P	E-6
CN69	4P	D-11
CN70	11P	G-8
CN72	10P	A-13
CN77	3P	E-28
CN80	3P	F-2
CN81	3P	G-35
CN82	3P	G-34
CN83	3P	G-34
CN84	2P	B-35
CN86	2P	B-35

CN No.	LOCATION	GRID
CN87	2P	I-19
		H-6