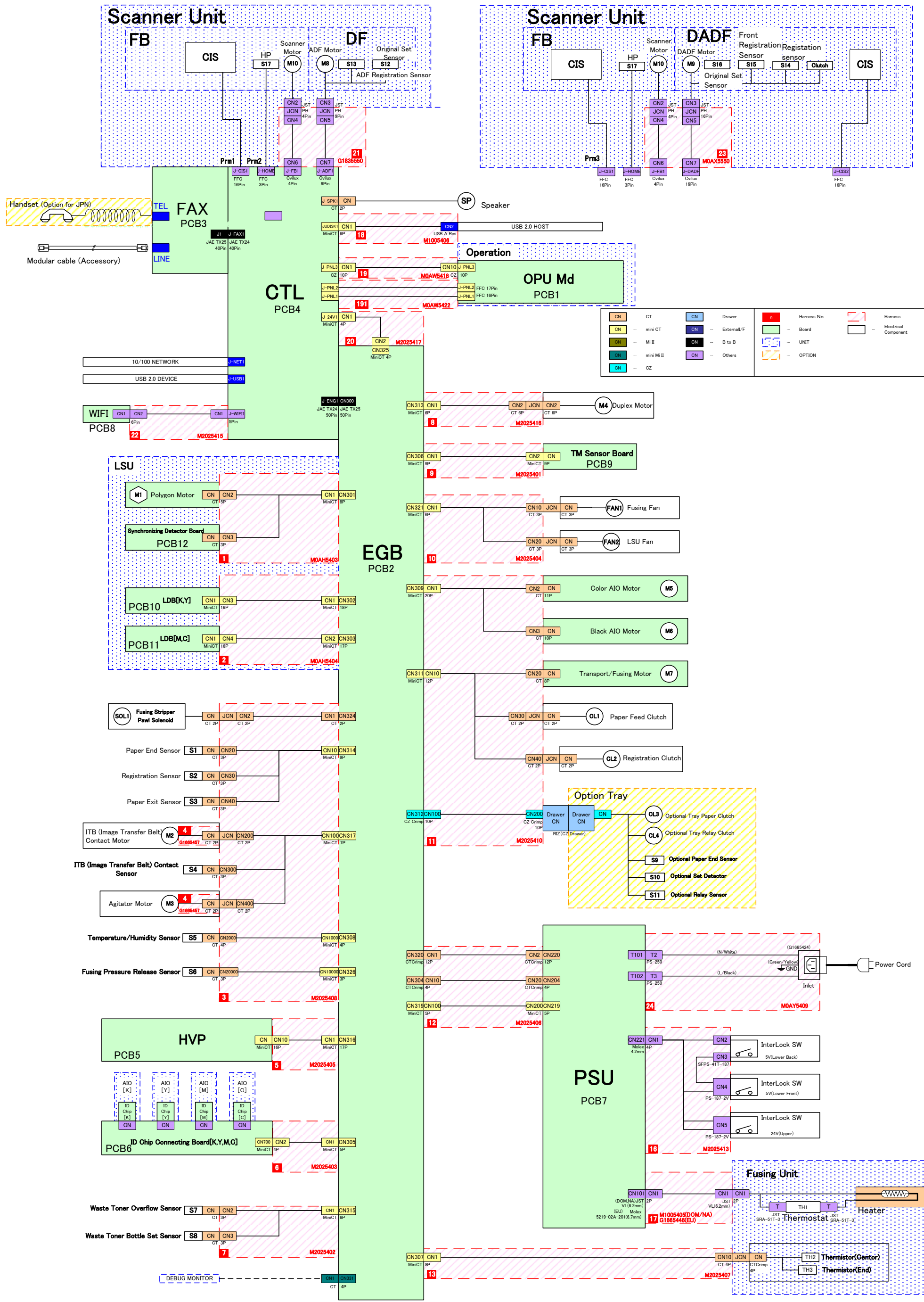


SP C260SFNw/SP C262SFNw Point To Point DIAGRAM and Harnesses



SP C260SFNw/SP C262SFNw Entire Pin Assignment List

Harness No.	Harness	Connector (FROM)				Signal Information				Relay	Connector (TO)					
		No.	Access Point No.	Destination	Pin	Signal Name	Direction	L	H		No.	Access Point No.	Destination	Pin		
1	M0AH5403	CN1	CN301	EGB	1	+24V					CN2	CN	Polygon Motor	5		
					2	GND								4		
					3	A PMON	→	OFF	ON					3		
					4	SCRDY N	←	Synchro	Not Synchro					2		
					5	A PMCLK	→					1				
					6	A DETP N KC	←	ON	OFF		CN3	CN	Synchronizing Detector Board	3		
					7	+5V								2		
					8	GND								1		
2	M0AH5404	CN1	CN302	EGB	1	GND								CN3	CN1	LDB[K,Y]
					2	GND						15				
					3	GND						14				
					4	A LDLVL2 Y	→					13				
					5	A LDLVL0 K	→					12				
					6	A LDERR N	←	Trouble	Normal			11				
					7	LDOFF2 Y	←	ON	OFF			10				
					8	LDOFF0 K	←	ON	OFF			9				
					9	APC2EN N Y	→	ON	OFF			8				
					10	APC0EN N K	→	ON	OFF			7				
					11	LDDT0 K	→					6				
					12	LDDT0 N K	→					5				
					13	N.C.						1				
					14	LDDT2 Y	→					4				
					15	LDDT2 N Y	→					3				
					16	N.C.										
					17	+5V LD CNT						2				
					18	+5V LD CNT						1				
		CN2	CN303		1	GND						CN4	CN1	LDB[M,C]	16	
					2	GND									15	
					3	GND									14	
					4	A LDLVL1 M	→								13	
					5	A LDLVL3 C	→								12	
					6	A LDERR N	←	Trouble	Normal						11	
					7	LDOFF1 M	←	ON	OFF						10	
					8	LDOFF3 C	←	ON	OFF						9	
					9	APC1EN N M	→	ON	OFF						8	
					10	APC3EN N C	→	ON	OFF						7	
					11	LDDT3 C	→								6	
					12	LDDT3 N C	→								5	
					13	LDDT1 M	→								4	
					14	LDDT1 N M	→								3	
15	N.C.															
16	+5V LD CNT						2									
17	+5V LD CNT						1									
3	M2025408	CN1	CN324	EGB	1	+24V_IL					CN2	CN	Fusing Stripper Pawl Solenoid	2		
					2	SOL_FU_P	→	OFF	ON					1		
		CN10	CN314		1	GND						CN20	CN	Paper End Sensor	3	
					2	SEN PAPEND_N	←	Detect Paper	Not Detect		2					
					3	+5V									1	
					4	GND										
					5	SEN REG_N	←	Detect Paper	Not Detect		CN30	CN	Registration Sensor	3		
					6	+5V								2		
					7	GND								1		
					8	SEN PAPOUT_N	←	Detect Paper	Not Detect		CN40	CN	Paper Exit Sensor	3		
					9	+5V								2		
		CN100	CN317		1	DM_1TCSPCW	→				G1665457	CN200	CN	ITB (Image Transfer Belt) Contact Motor	2	
					2	DM_1TCSPCW	→								1	
					3	GND						CN300	CN	ITB (Image Transfer Belt) Contact Sensor	3	
					4	SEN_1TCSP	←	Separate	Attach		2					
					5	+5V									1	
					6	DM_TONER_P	→	OFF	ON	G1665457	CN400	CN	Agitator Motor	2		
		7	+24V_IL_FU1						1							
		CN1000	CN308		1	SEN_TEMP_A	←					CN2000	CN	Temperature/Humidity Sensor	4	
					2	GND									3	
					3	SEN_HUM_A	←								2	
					4	+5V									1	
		CN10000	CN326		1	GND						CN20000	CN	Fusing Pressure Release Sensor	3	
					2	SEN_TRSET_P	←	Release	Normal		2					
					3	+5V									1	
4	G1665457	CN	CN200 CN400	M2025408	2								1			
					1								1			
5	M2025405	CN1	CN316		1	GND					CN10	CN	High Voltage Power Supply Board	16		
					2	GND									15	
					3	+24V_IL									14	
					4	+24V_IL									13	
					5	HVPERR_N	←	Trouble	Normal						12	
					6	HVPERR2									11	
					7	HVPBION_N	→	Trouble	Normal						10	
					8	PWM_T2_+	→	Trouble	Normal						9	
					9	PWM_T2_−	→	Trouble	Normal						8	
					10	PWM_1T	→	Trouble	Normal						7	
					11	PWM_DC	→	Trouble	Normal						6	
					12	PWM_DM	→	Trouble	Normal						5	

SP C260SFNw/SP C262SFNw Entire Pin Assignment List

Harness No.	Harness	Connector (FROM)				Signal Information				Relay	Connector (TO)					
		No.	Access Point No.	Destination	Pin	Signal Name	Direction	L	H		No.	Access Point No.	Destination	Pin		
11	M2025410	CN1	CN309	EGB	1	DM COLGAIN	→	Low Speed	High Speed		CN2	CN	Color AIO Motor	11		
					2	DM COLCLK	→							10		
					3	DM COLON N	→	Start	Stop					9		
					4	DM COLLOCK P	←	Normal	Trouble					8		
					5	GND								7		
					6	GND								6		
					7	+24V IL								5		
					8	+24V IL								4		
					9	+24V IL								3		
					10	GND								2		
											1					
					11	DM BWMIDGAIN	→	Low Speed	High Speed		CN3	CN	Black AIO Motor	10		
					12	DM BWMIDCLK	→							9		
					13	DM BWMIDBK P	→		Brake					8		
					14	DM BWMIDCW	→	Normal Rotation	Reverse Rotation					7		
					15	DM BWMIDON N	→	Start	Stop					6		
					16	DM BWMIDLOCK P	←	Normal	Trouble					5		
					17	GND								4		
					18	GND								3		
					19	+24V IL								2		
		20	+24V IL				1									
		CN10	CN311		1	DM FEEDFUGAIN	→	Low Speed	High Speed	CN20	CN	Transport/Fusing Motor	8			
					2	DM FEEDFUCLK	→						7			
					3	DM FEEDFUON N	→	Start	Stop				6			
					4	DM FEEDFULOCK P	←	Normal	Trouble				5			
					5	GND							4			
					6	GND							3			
					7	+24V IL							2			
					8	+24V IL							1			
					9	+24V IL										
					10	CL PAP P	→	OFF	ON				CN30	CN	Paper Feed Clutch	2
					11	+24V IL							CN40	CN	Registration Clutch	1
					12	CL REG P	→	OFF	ON							
					CN100	CN312		1	CL OPPAP P				→	OFF	ON	CN200
		2	+24V IL FU2							9						
		3	GND							8						
		4	SEN OPPAPEND N	←				Detect Paper	Not Detect	7						
		5	+5V							6						
		6	CL OPFEED P	→				OFF	ON	5						
		7	+24V IL FU2							4						
		8	SEN OPSET N	←				Set	Not Set	3						
		9	SEN OPJAM P	←				Not Detect	Detect Paper	2						
		10	+5V							1						
12	M2025406	CN1	CN320	EGB	1	GND					CN2	CN220	PSU	12		
					2	GND								11		
					3	GND								10		
					4	24V IL								9		
					5	24V IL								8		
					6	24V IL								7		
					7	GND								6		
					8	+5V								5		
					9	GND								4		
					10	+3.3VE								3		
					11	GND								2		
					12	+5VE								1		
		CN10	CN304			1	+5V LD				CN20	CN204			4	
						2	GND								3	
						3	+24V								2	
						4	GND								1	
		CN100	CN319			1	SLP PSU	→			CN200	CN219			5	
						2	HTRLON P	→	OFF	ON					4	
						3	ZEROXI	←							3	
						4	HTTRON0 P	→	OFF	ON					2	
						5	GND								1	
13	M2025407	CN1	CN307	EGB	1	TH HEAT A	←			GW100020	CN10	CN	Thermistor(Centor)	4		
					2	GND							Thermistor(End)	3		
					3	TH EDGE A	←							2		
					4	GND								1		
					5	SEN FUSE T N	←	Set	Not Set						N.C.	
					6	GND							CN307	CN1	Loop	8
					7	SEN FUNEW N	←	New	Old						N.C.	
16	M2025413	CN1	CN221	PSU	1	+5V	→				CN2	-	InterLock SW	1		
					2	+5V IL	←				PS1	-	InterLock SW	2		
					3	+24V	→				PS2	-	InterLock SW	1		
					4	+24V IL	←							2		
		CN3			1					PS1	-	InterLock SW	1			
17 DOM/NA	M1005405	CN1	CN101	PSU	2	HT_N					CN2	CN1	Heater/Thermostat	1		
					1	HT_L								2		
17 EU/AA	G1665446	CN1	CN101	PSU	2	HT_N					CN2	CN1	Heater/Thermostat	1		
					1	HT_L								2		
18	M1005406	CN1	JUDISK1	CTL	1	VBUS	←	OFF	ON		CN2	-	USB 2.0 HOST	1		

SP C260SFNw/SP C262SFNw Entire Pin Assignment List

Harness No.	Harness	Connector (FROM)				Signal Information				Relay	Connector (TO)			
		No.	Access Point No.	Destination	Pin	Signal Name	Direction	L	H		No.	Access Point No.	Destination	Pin
191	M0AW5422	-	J-PNL1	CTL	1	GND	←	-	-		-	J-PNL1	OPU	1
					2	LVDS D3P	→	Data	Data					2
					3	LVDS D3N	→	Data	Data					3
					4	GND	-	-	-					4
					5	LVDS D2P	→	Data	Data					5
					6	LVDS D2N	→	Data	Data					6
					7	GND	-	-	-					7
					8	LVDS CLKP	→	Data	Data					8
					9	LVDS CLKN	→	Data	Data					9
					10	GND	-	-	-					10
					11	LVDS D1P	→	Data	Data					11
					12	LVDS D1N	→	Data	Data					12
					13	GND	-	-	-					13
					14	LVDS D0P	→	Data	Data					14
					15	LVDS D0N	→	Data	Data					15
					16	GND	-	-	-					16
		-	J-PNL2		1	Hard key col4	←	Active	Inactive		-	J-PNL2		1
					2	Hard key col3	←	Active	Inactive					2
					3	Hard key col2	←	Active	Inactive					3
					4	Hard key col1	←	Active	Inactive					4
					5	GND	-	-	-					5
					6	Hard key row4	⇒	Active	Inactive					6
					7	Hard key row3	⇒	Active	Inactive					7
					8	Hard key row2	⇒	Active	Inactive					8
					9	Hard key row1	⇒	Active	Inactive					9
					10	GND	-	-	-					10
					11	Touch INT	←	Inactive	Active					11
					12	GND	-	-	-					12
					13	Touch SDO	→	Data	Data					13
					14	Touch SDI	←	Data	Data					14
					15	GND	-	-	-					15
					16	Touch CLK	→	CLK	CLK					16
					17	GND	-	-	-					17
Prm1			J-CIS1	CTL	1	SIG1	←						CIS for FB	1
					2	GND1	←							2
					3	SIG2	←							3
					4	GND2	←							4
					5	SIG3	←							5
					6	MODE	→							6
					7	VREF								7
					8	GND4								8
					9	CLK	→							9
					10	VDD								10
					11	SP	→							11
					12	ILED								12
					13	LEDB	←							13
					14	LEDG	←							14
					15	LEDR	←							15
					16	GND								16
Prm2			J-HOME1	CTL	1	Home sensor	←						Home sensor	1
					2	Home sensor GND								2
					3	Home sensor +3.3V								3
Prm3			J-CIS2	CTL	1	SIG1	←						CIS for DADF	1
					2	GND1								2
					3	SIG2	←							3
					4	GND2								4
					5	SIG3	←							5
					6	MODE	→							6
					7	VREF								7
					8	GND4								8
					9	CLK	→							9
					10	VDD								10
					11	SP	→							11
					12	ILED								12
					13	LEDB	←							13
					14	LEDG	←							14
					15	LEDR	←							15
					16	GND								16

SP C260SFNw/SP C262SFNw ELECTRICAL COMPONENT LAYOUT

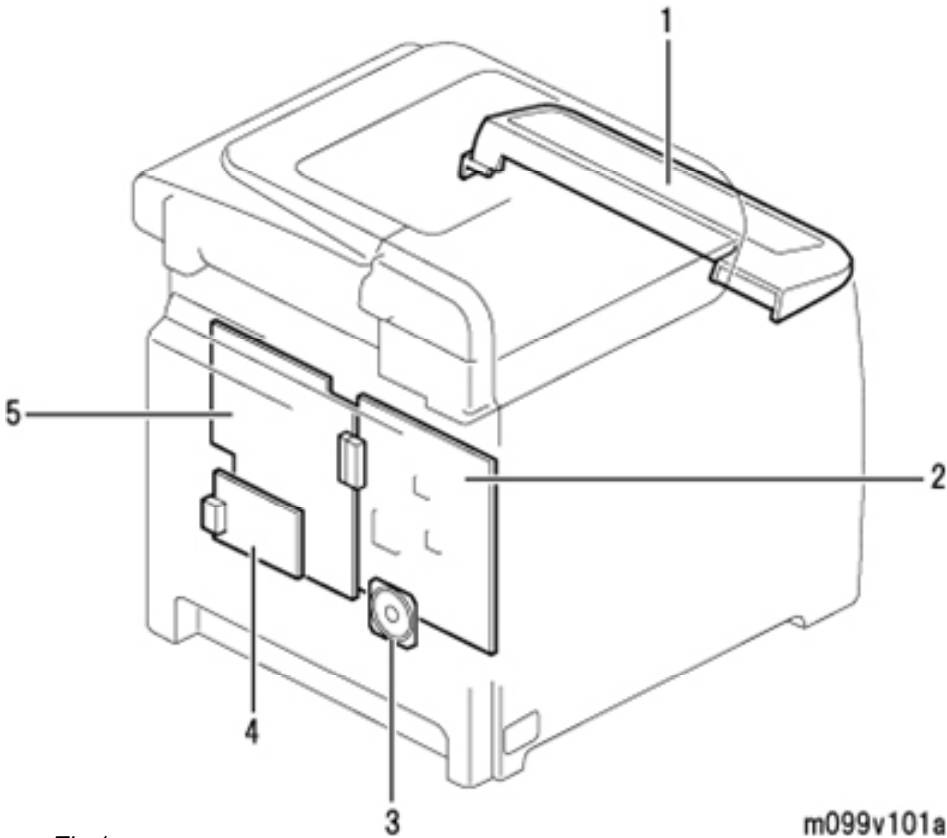


Fig.1

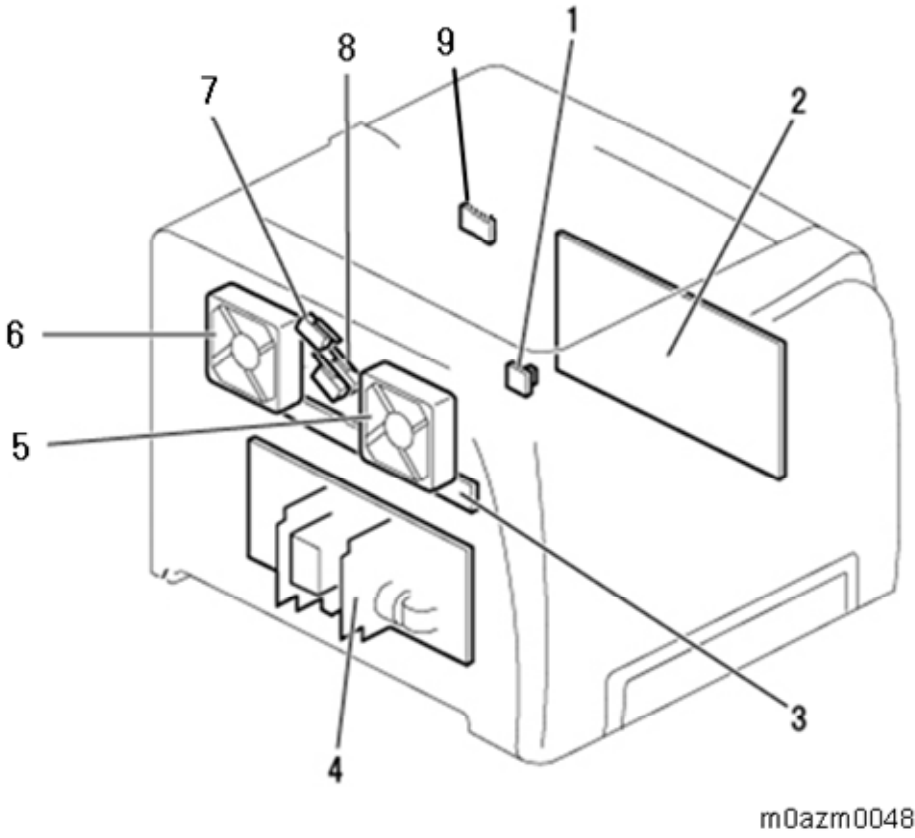


Fig.2

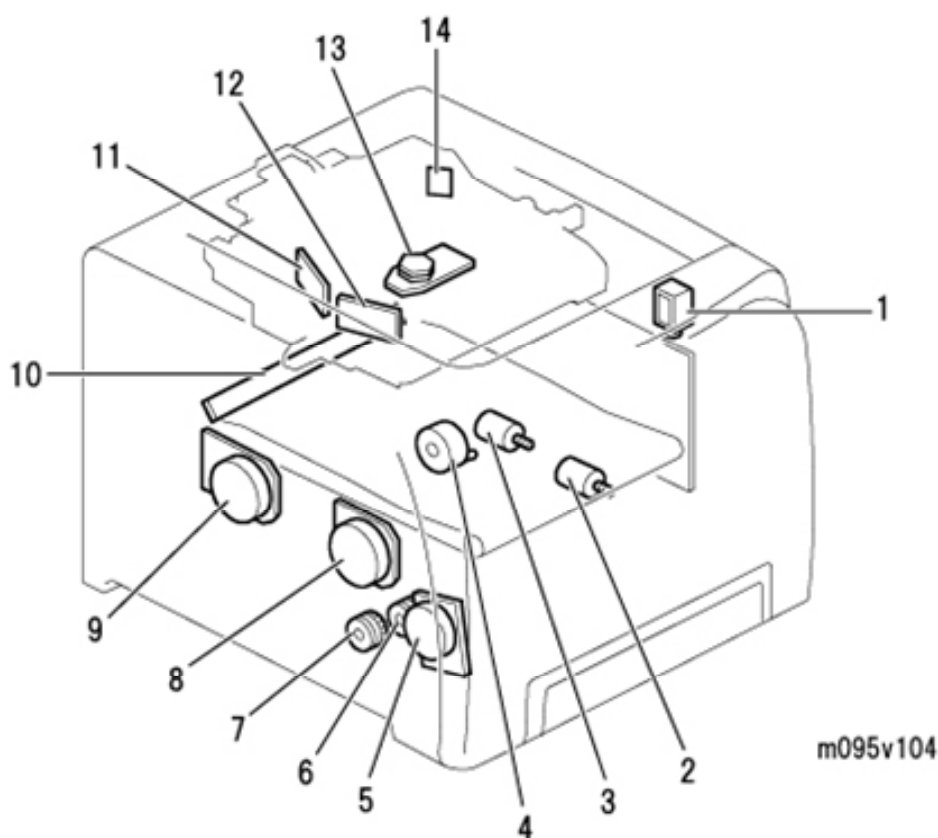


Fig.3

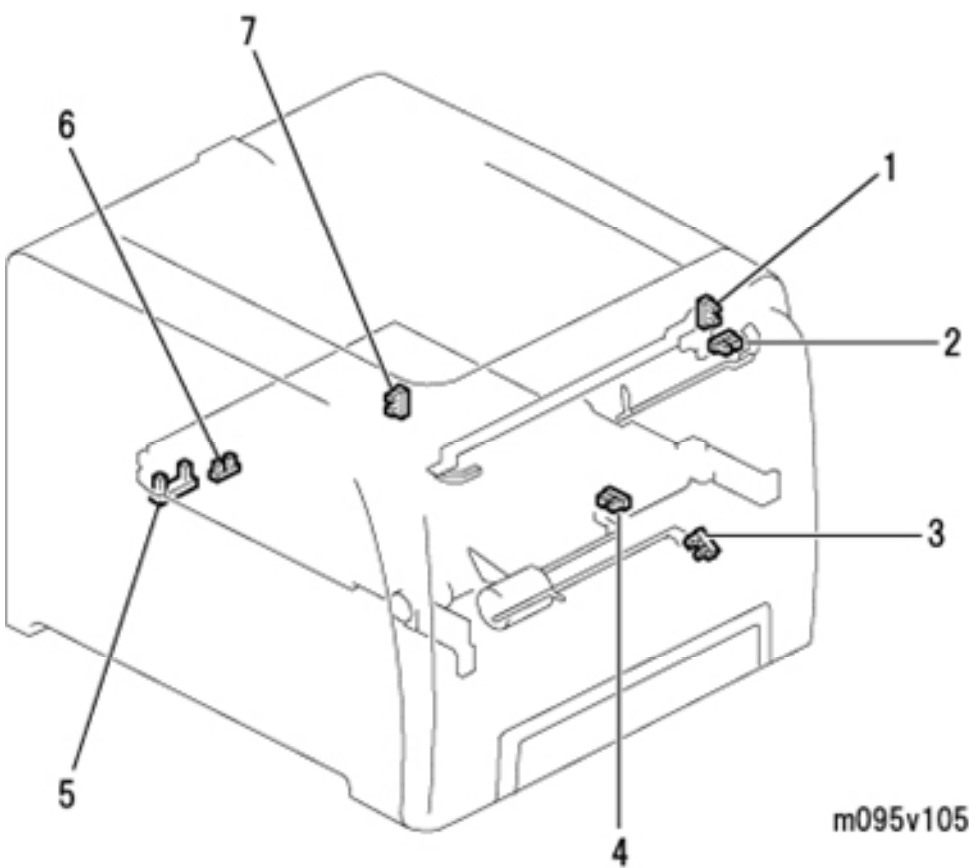


Fig.4

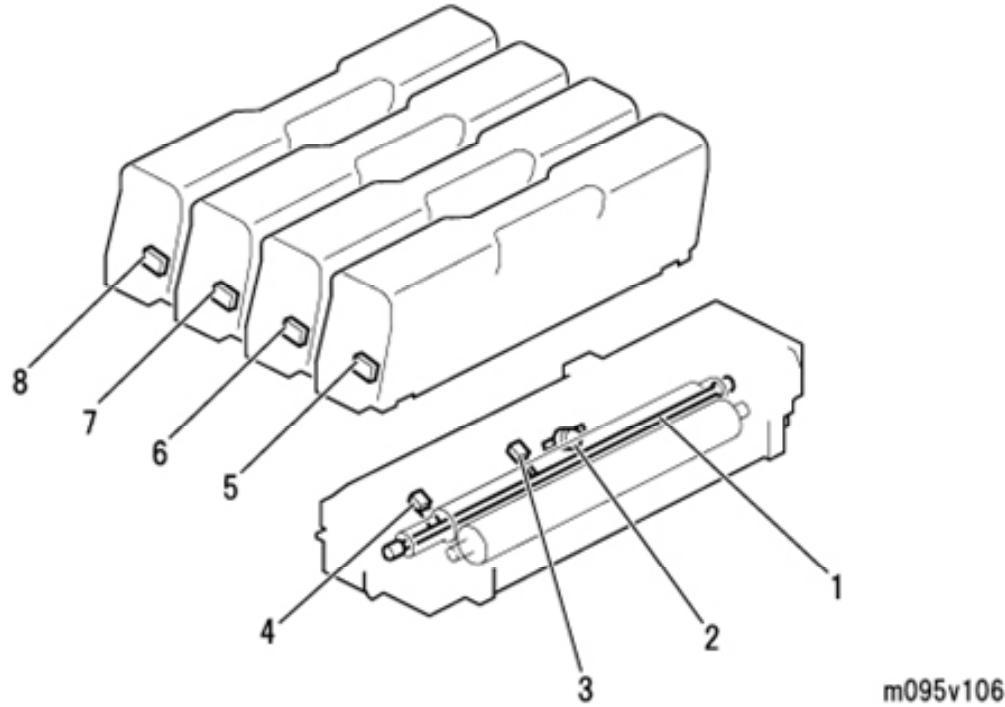


Fig.5

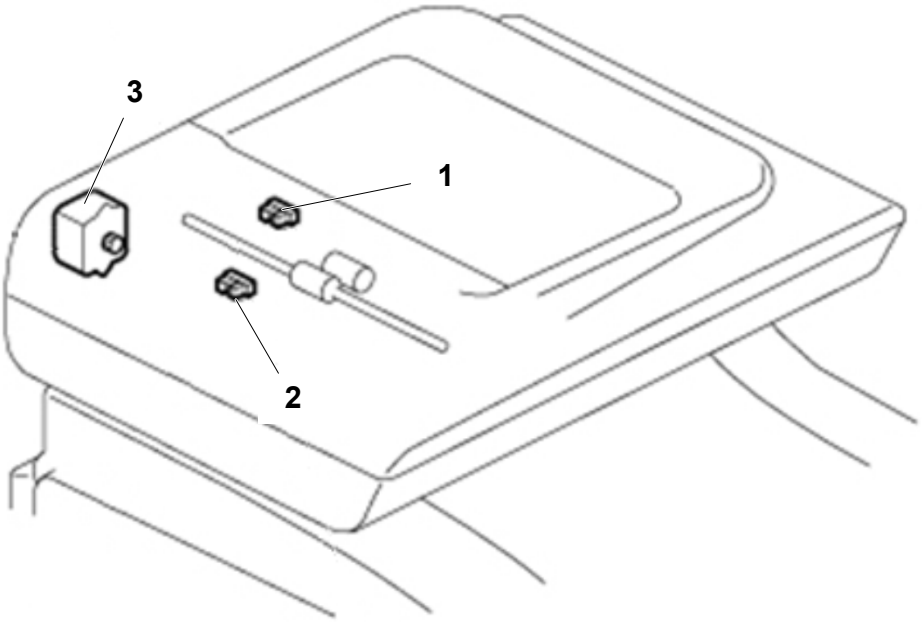
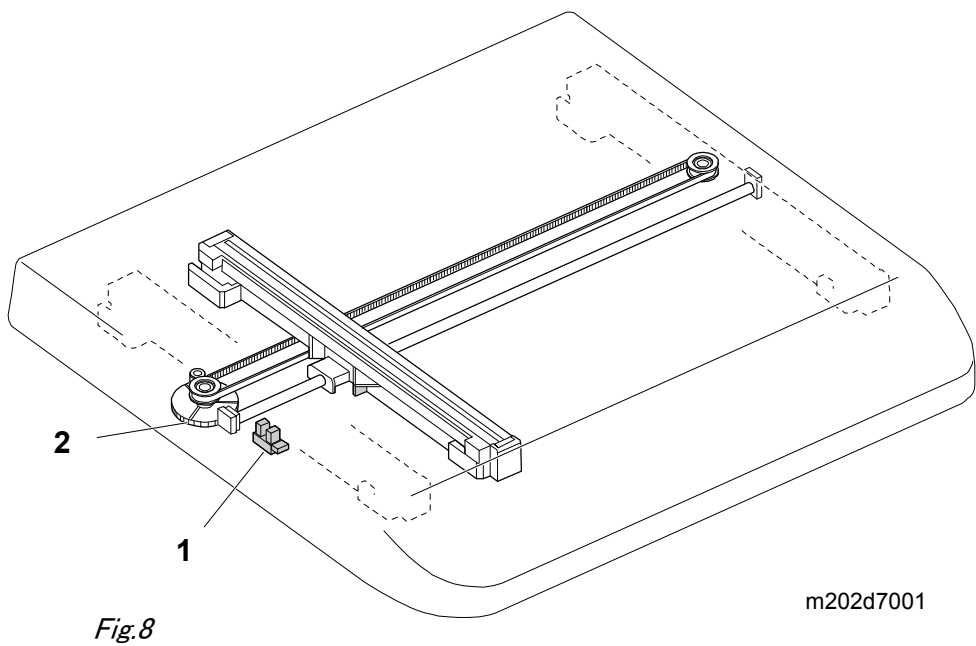
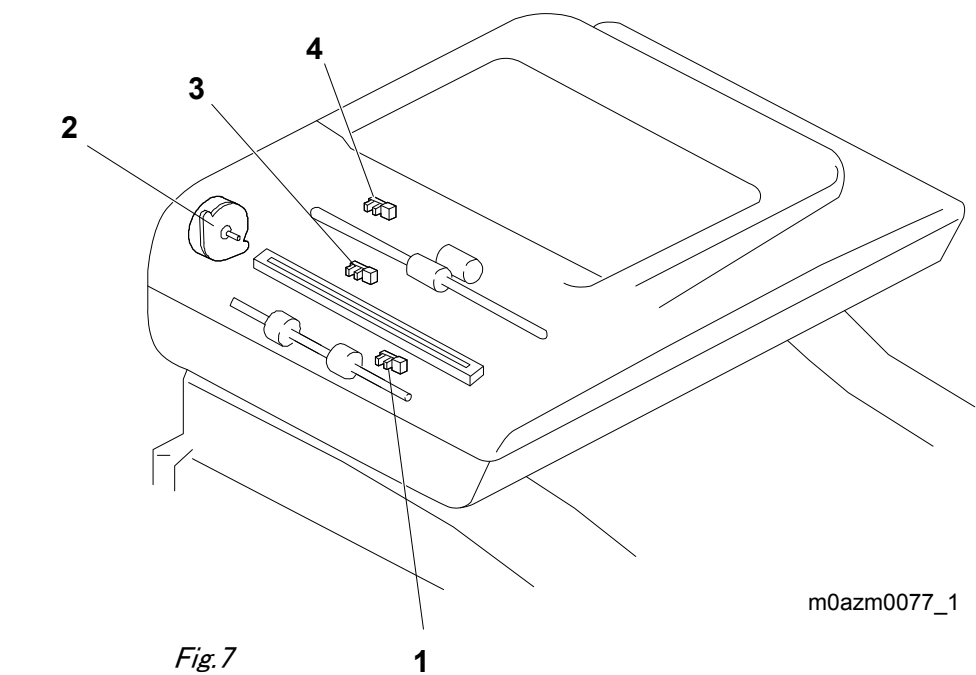


Fig.6

SP C260SFNw/SP C262SFNw ELECTRICAL COMPONENT LAYOUT



Symbol	Index No.	Description	P to P
Motors			
M1	Fig.3-13	Polygom Motor	G5
M2	Fig.3-3	ITB (Image Transfer Belt) Contact Motor	G8
M3	Fig.3-2	Agitator Motor	G8
M4	Fig.3-4	Duplex Motor	C4
M5	Fig.3-9	Color AIO Motor	C6
M6	Fig.3-8	Black AIO Motor	C6
M7	Fig.3-5	Transport/Fusing Motor	C6
M8	Fig.6-3	ADF Motor	F1
M9	Fig.7-2	DADF Motor	C1
M10	Fig.8-2	Scanner Motor	C1, F1
Clutches			
CL1	Fig.3-7	Paper Feed Clutch	C7
CL2	Fig.3-6	Registration Clutch	C7
CL3	-	Optional Tray Paper Clutch	C8
CL4	-	Optional Tray Relay Clutch	C8
Switches			
SW	Fig.2-7 Fig.2-8	Interlock SW	B10
Sensors			
S1	Fig.4-3	Paper End Sensor	G7
S2	Fig.4-4	Registration Sensor	G7
S3	Fig.4-2	Paper Exit Sensor	G8
S4	Fig.4-7	ITB (Image Transfer Belt) Contact Sensor	G8
S5	Fig.2-1	Temperature/Humidity Sensor	G9
S6	Fig.4-1	Fusing Pressure Release Sensor	G9
S7	Fig.4-5	Waste Toner Overflow Sensor	G11
S8	Fig.4-6	Waste Toner Bottle Set Sensor	G11
S9	-	Optional Paper End Sensor	C8
S10	-	Optional Set Detector	C8
S11	-	Optional Relay Sensor	C8
S12	Fig.6-1	Original Set Sensor(ADF)	E1
S13	Fig.6-2	ADF Registration Sensor	E1
S14	Fig.7-3	Registration Sensor(DADF)	B1
S15	Fig.7-1	Front Registration Sensor	B1
S16	Fig.7-4	Original Set Sensor(DADF)	B1
S17	Fig.8-1	CIS Carriage HP Senosr	C1, F1

Symbol	Index No.	Description	P to P
PCBs			
PCB1	Fig.1-1	OPU Md	D3
PCB2	Fig.1-2	EGB	E5
PCB3	Fig.1-4	FAX	G3
PCB4	Fig.1-5	CTL	F3
PCB5	Fig.2-2	HVP	G10
PCB6	Fig.2-3	ID Chip Connecting Board[K,Y,M,C]	G10
PCB7	Fig.2-4	PSU	C10
PCB8	Fig.2-9	WIFI	H4
PCB9	Fig.3-10	TM Sensor Board	C5
PCB10	Fig.3-12	LDB[K,Y]	G6
PCB11	Fig.3-11	LDB[M,C]	G6
PCB12	Fig.3-14	Synchronizing Detector Board	G5
Heater			
Heater	Fig.5-1	Heater	A11
FANs			
FAN1	Fig.2-5	Fusing Fan	C5
FAN2	Fig.2-6	LSU Fan	C5
Others			
SP	Fig.1-3	Speaker	D3
SOL1	Fig.3-1	Fusing Stripper Pawl Solenoid	G7
TH1	Fig.5-2	Thermostat	B11
TH2	Fig.5-3	Thermistor(Centor)	A11
TH3	Fig.5-4	Thermistor(End)	A11
-	Fig.5-5	ID Chip [K]	G10
-	Fig.5-6	ID Chip [Y]	G10
-	Fig.5-7	ID Chip [M]	G10
-	Fig.5-8	ID Chip [C]	F10