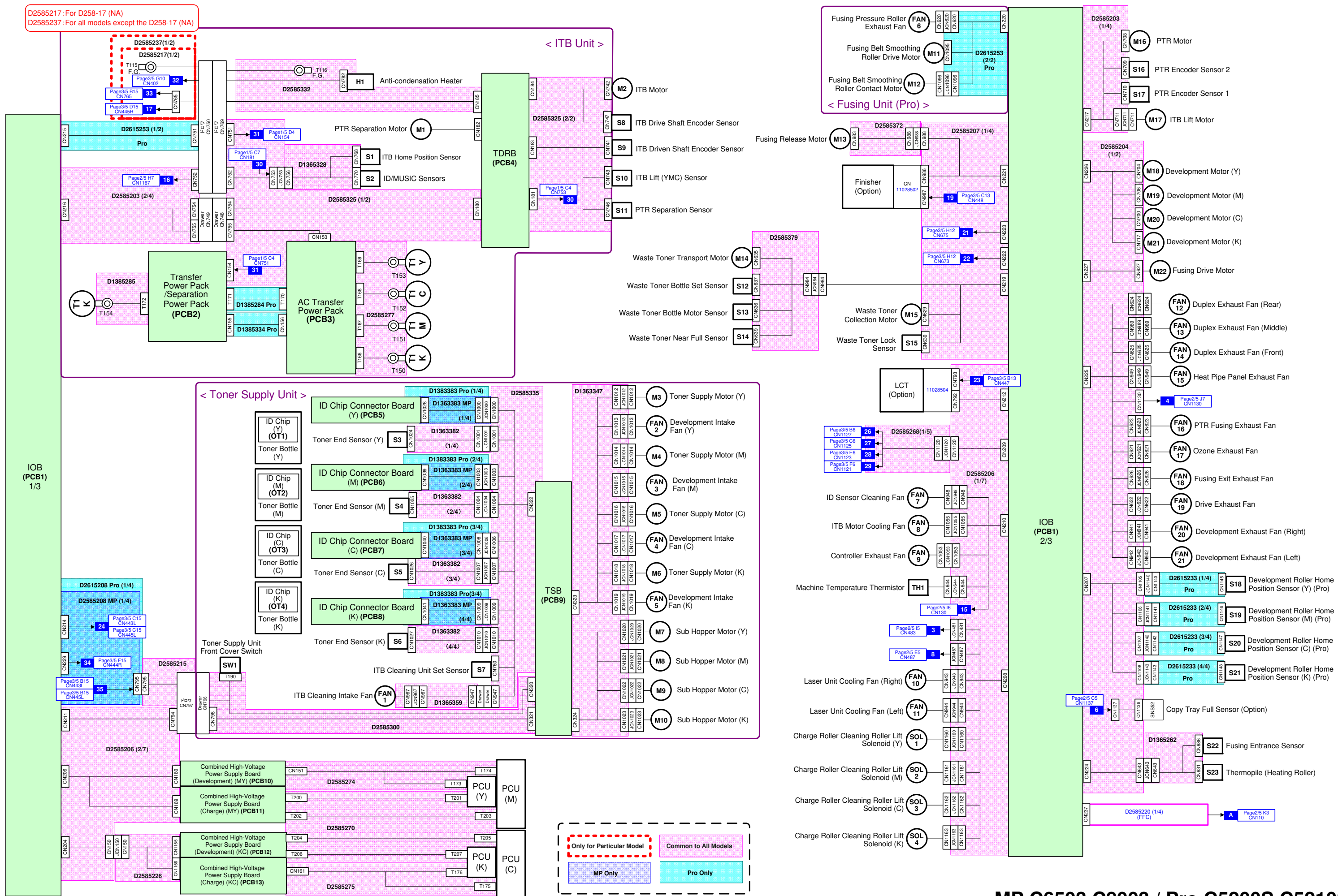
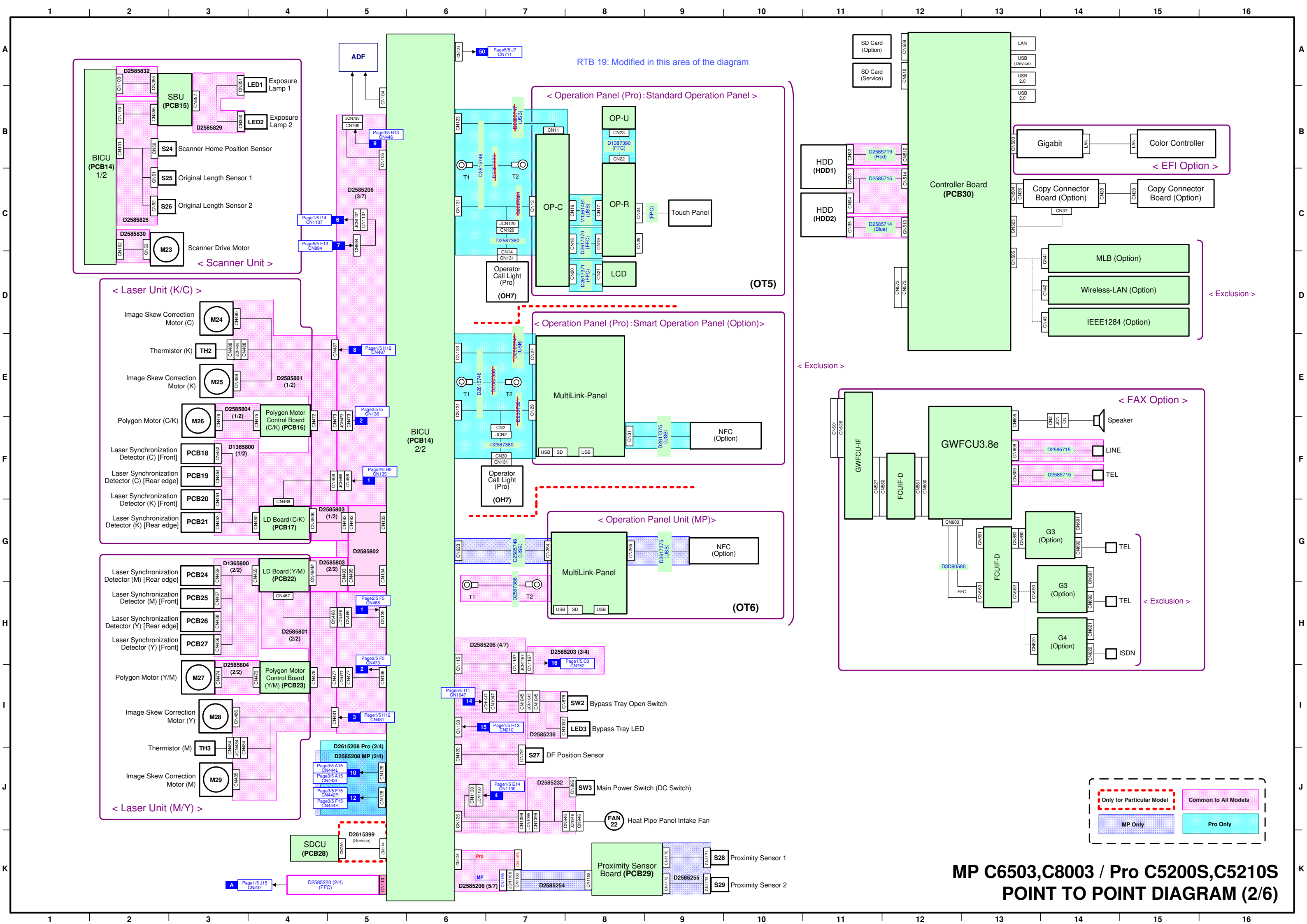
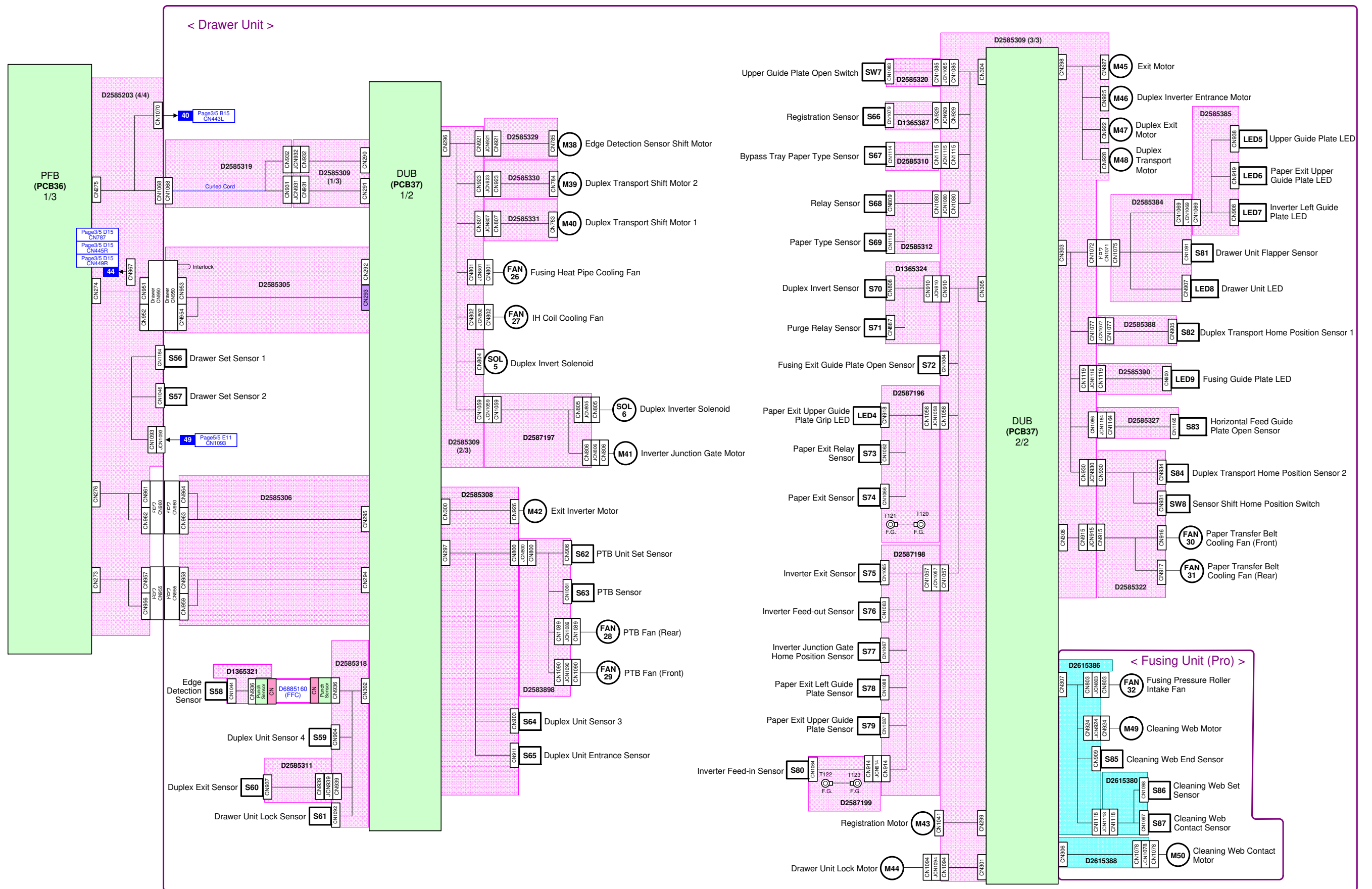
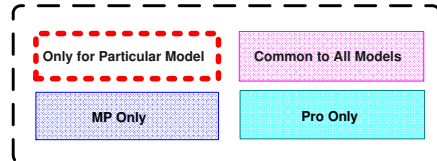


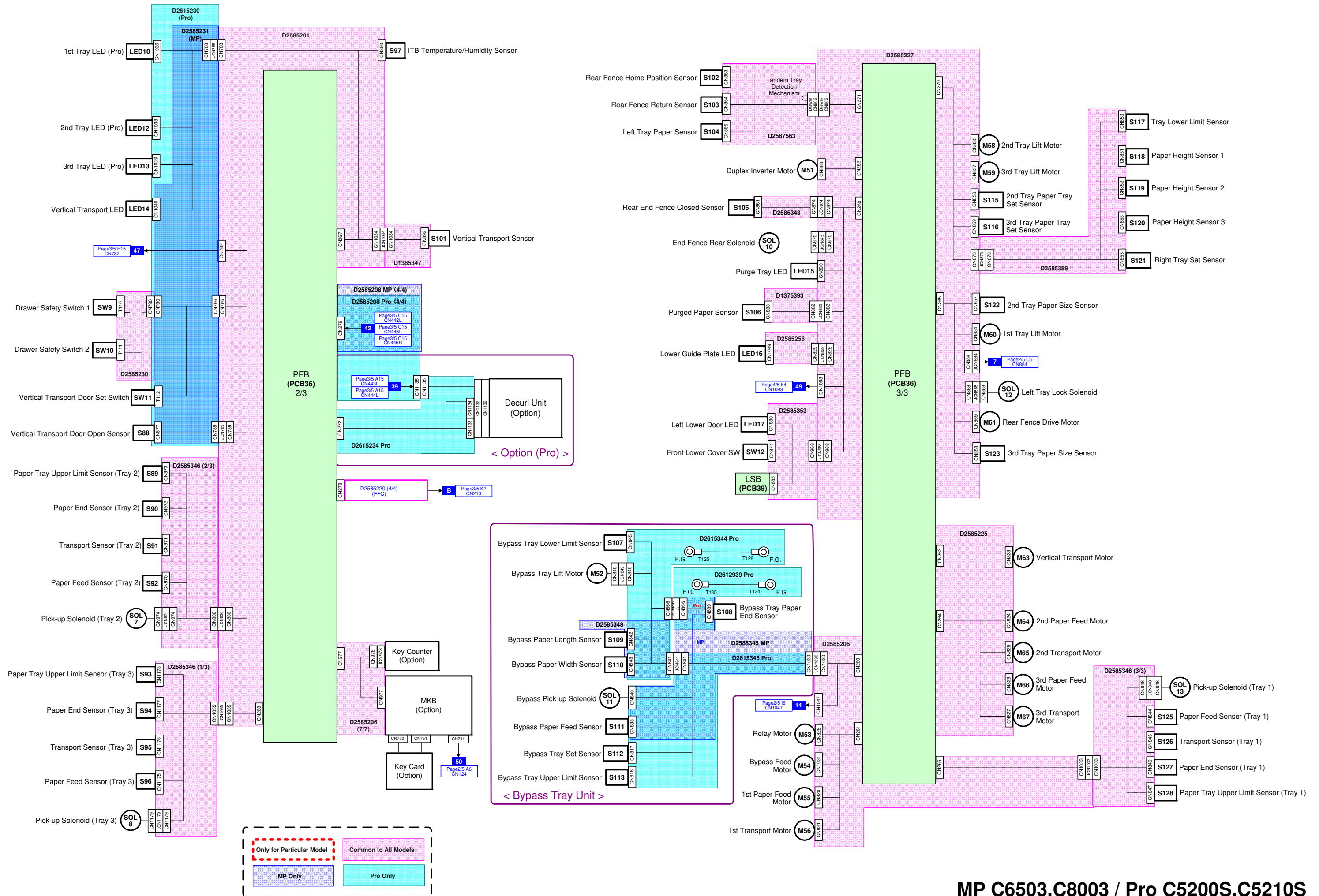


MP C6503,C8003 / Pro C5200S,C5210S
POINT TO POINT DIAGRAM (1/6)

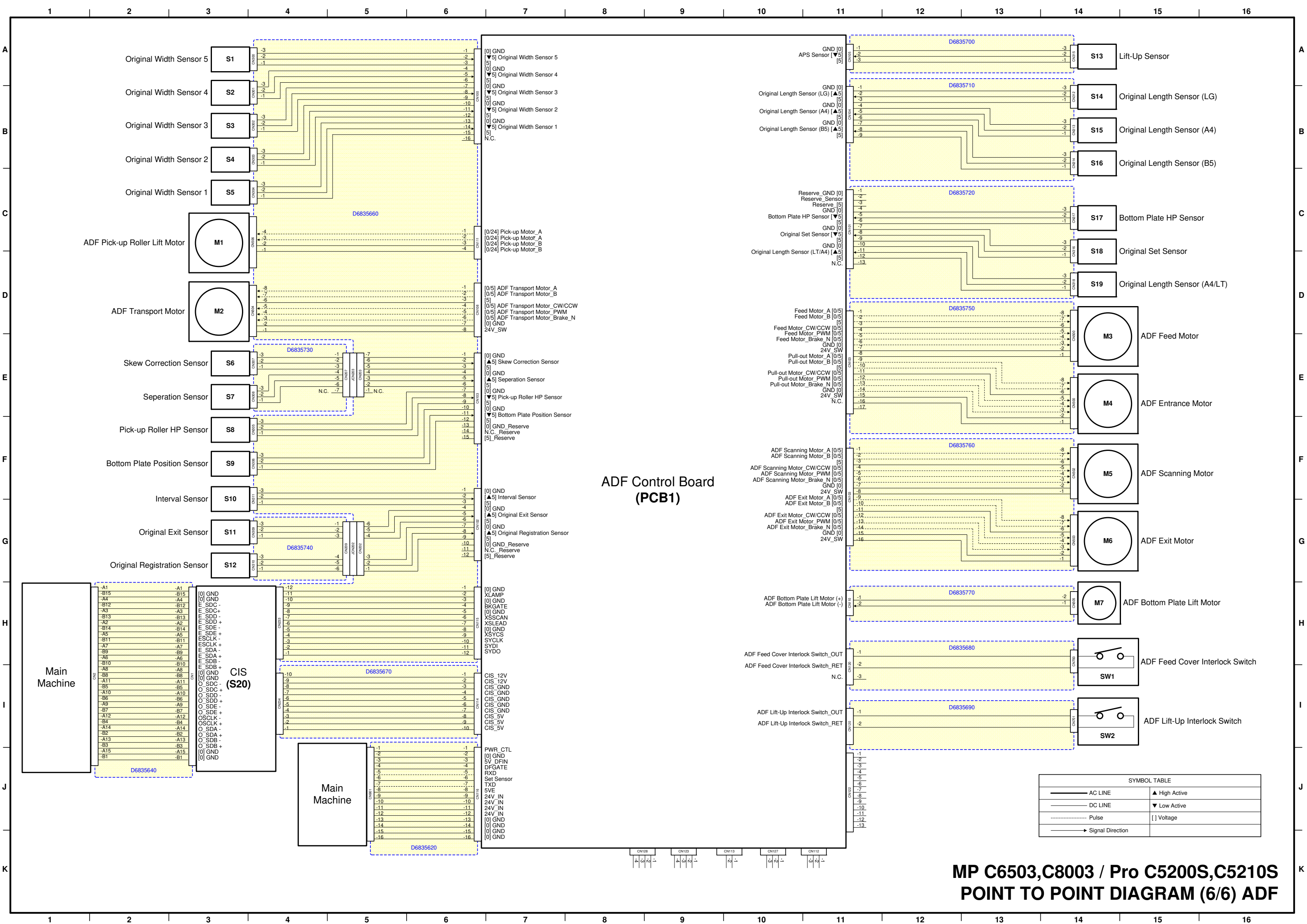








MP C6503,C8003 / Pro C5200S,C5210S POINT TO POINT DIAGRAM (5/6)



IOB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)				
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No		
CN200	1	+24V	P			CN705	Drum Cleaning Motor (Y)	8		
	2	GND	G					7		
	3	+5V	P					6		
	4	PORCEMTY_STA_N	O	Start				5		
	5	PORCEMTY_CLK	O					4		
	6	PORCEMTY_CW	O		CW			3		
	7	PORCEMTY_LOK	I		Error			2		
	8	PORCEMTY_GA	O					1		
	9	+24V	P			CN718	Drum Cleaning Motor (Y)	8		
	10	GND	G					7		
	11	+5V	P					6		
	12	PORCEMTM_STA_N	O	Start				5		
	13	PORCEMTM_CLK	O					4		
	14	PORCEMTM_CW	O		CW			3		
	15	PORCEMTM_LOK	I		Error			2		
	16	PORCEMTM_GA	O					1		
	17	+24V	P			CN701	Drum Cleaning Motor (C)	8		
	18	GND	G					7		
	19	+5V	P					6		
	20	PORCEMTC_STA_N	O	Start				5		
	21	PORCEMTC_CLK	O					4		
	22	PORCEMTC_CW	O		CW			3		
	23	PORCEMTC_LOK	I		Error			2		
	24	PORCEMTC_GA	O					1		
	25	+24V	P			CN703	Drum Cleaning Motor (K)	8		
	26	GND	G					7		
	27	+5V	P					6		
	28	PORCEMTK_STA_N	O	Start				5		
	29	PORCEMTK_CLK	O					4		
	30	PORCEMTK_CW	O		CW			3		
	31	PORCEMTK_LOK	I		Error			2		
	32	PORCEMTK_GA	O					1		
CN201	A1	PDR_MTY_W	O			CN712	Drum Motor (Y)	8		
	A2	PDR_MTY_V	O					7		
	A3	PDR_MTY_U	O					6		
	A4	GND	G					5		
	A5	PDR_MTY_HW	I					4		
	A6	PDR_MTY_HV	I					3		
	A7	PDR_MTY_HU	I					2		
	A8	+5V	P			CN713	Drum Motor (M)	7		
	B1	PDR_MTM_W	O					6		
	B2	PDR_MTM_V	O					5		
	B3	PDR_MTM_U	O					4		
	B4	GND	G					3		
	B5	PDR_MTM_HW	I					2		
	B6	PDR_MTM_HV	I					1		
	B7	PDR_MTM_HU	I							
	B8	+5V	P			CN722	Drum Motor (C)	8		
	A1	PDR_MTC_W	O					7		
	A2	PDR_MTC_V	O					6		
	A3	PDR_MTC_U	O					5		
	A4	GND	G					4		
	A5	PDR_MTC_HW	I					3		
	A6	PDR_MTC_HV	I					2		
	A7	PDR_MTC_HU	I					1		
	A8	+5V	P			CN723	Drum Motor (K)	8		
	A9	N.C.	N					7		
	B1	PDR_MTK_W	O					6		
	B2	PDR_MTK_V	O					5		
	B3	PDR_MTK_U	O					4		
	B4	GND	G					3		
	B5	PDR_MTK_HW	I					2		
	B6	PDR_MTK_HV	I					1		
	B7	PDR_MTK_HU	I							
B8	+5V	P								
B9	N.C.	N								
CN203	1	N.C.	N			CN731	TD Sensor (Y)	6		
	2	GND	G					5		
	3	NTNODSINY_Fout	I					4		
	4	3.3V	P					3		
	5	NTNODSINY_SEL	O		RW: Enable			2		
	6	NTNODSINY_SDA	B					1		
	7	NTNODSINY_SCL	O							
	8	GND	G					CN730	TD Sensor (M)	6
	9	NTNODSINI_Fout	I			5				
	10	3.3V	P			4				
	11	NTNODSINI_SEL	O		RW: Enable	3				
	12	NTNODSINI_SDA	B			2				
	13	NTNODSINI_SCL	O			1				
	14	N.C.	N							
	15	N.C.	N			CN729	TD Sensor (C)			6
	16	GND	G					5		
	17	NTNODSINC_Fout	I					4		
	18	3.3V	P					3		
	19	NTNODSINC_SEL	O		RW: Enable			2		
	20	NTNODSINC_SDA	B					1		
	21	NTNODSINC_SCL	O							
	22	GND	G					CN728	TD Sensor (K)	6
	23	NTNODSINK_Fout	I			5				
	24	3.3V	P			4				
	25	NTNODSINK_SEL	O		RW: Enable	3				
	26	NTNODSINK_SDA	B			2				
	27	NTNODSINK_SCL	O			1				
	28	N.C.	N							
	CN204	1	ZHCBCK_ODV_PP2_LK	I			CN155			Combined High-Voltage Power Supply Board (Development) (OK)
		2	ZHCBCK_ODV_PP2_DC	O				11		
		3	ZHCBCK_ODV_PP2_DUTY	O				10		
		4	ZHCBCK_ODV_PP2_AC	O				9		
5		ZHCBCK_ODV_PP1_LK	I			8				
6		ZHCBCK_ODV_PP1_DC	O			7				
7		ZHCBCK_ODV_PP1_DUTY	O			6				
8		ZHCBCK_ODV_PP1_AC	O			5				
9		GND	G			4				
10		GND	G			3				
11		+24V	P			2				
12		+24V	P			1				
13		+24V	P			CN156	Combined High-Voltage Power Supply Board (Development) (OK)	13		
14		GND	G					14		
15		GND	G					15		
16		GND	G					16		
17		ZHCBCK_PCG_PP1_AC	O					17		
18		ZHCBCK_PCG_PP1_FB	I					18		
19		ZHCBCK_PCG_PP1_DC	O					19		
20		ZHCBCK_PCG_PP1_LK	I					20		
21		ZHCBCK_PCG_PP2_AC	O					21		
22		ZHCBCK_PCG_PP2_FB	I					22		
23		ZHCBCK_PCG_PP2_DC	O					23		
24		ZHCBCK_PCG_PP2_LK	I					24		
25		ZHCBCK_PCG_PP_CLK	O			25				
CN205		1	Vice	P			CN669	Potential Sensor (FC)	6	
		2	GND1	G					5	
		3	GND2	G					4	
		4	PHRVS_SIGNAL_OUT1	I					3	
		5	PHRVS_SIGNAL_OUT2	I					2	
		6	PHRVS_SIGNAL_OUT3	I					1	
		7	PHRVS_SIGNAL_OUT4	I						

IOB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN217	A1	TT2_MT_W	O			CN708	PTR Motor
	A2	TT2_MT_V	O				
	A3	TT2_MT_U	O				
	A4	GND	G				
	A5	TT2_MT_HW	I			CN711	ITB Lift Motor
	A6	TT2_MT_HV	I				
	A7	TT2_MT_HU	I				
	A8	+5V	P				
	B1	TT1CAMTFC_OUT1	O			CN709	PTR Encoder Sensor 2
	B2	TT1CAMTFC_OUT2	O				
	B3	GND	G				
	B4	TT2ECSN2_EN.C.	I				
	B5	+5V	P			CN710	PTR Encoder Sensor 1
	B6	GND	G				
	B7	TT2ECSN1_EN.C.	I				
	B8	+5V	P				
CN218						CN432	IH Inverter (100V)
	1	ZIH_IH_ERR_ST	I				
	2	ZIH_RXD_IH	O				
	3	ZIH_IH_TXD	I				
	4	ZIH_ENABLE_IH	O			CN425L	PSU1 (200V)
	5	ZIH_IH_ZEROK2	I				
	6	GND	G				
	7	+5V	P				
	8	ZPSUI_PON_VEPONV_N	O			CN426	PSU1 (200V)
	9	ZPSUI_VXCONV_LV_N	O				
	10	ZPSUI_VEPONV_RDV	I				
	11	ZPSUI_PONENG_N	O				
	12	GND	G			CN425R	PSU2 (200V)
	13	ZPSUI_DDOOR_OPEN	I				
	14	5VX	P				
	15	ZPSUI_EX_5V	O				
	16	GND	G			CN80	PSU Fan (Right)
	17	ZPSUE_PONENG_N	O				
	18	GND	G				
	19	N.C.	N				
	20	N.C.	N			CN81	PSU Fan (Left)
	21	+24V	P				
	22	QPS_FMLT_LOK	I		Error		
	23	GND	G				
	24	+24V	P			CN403	AC Drive Board (200V)
	25	QPS_FMLT_LOK	I		Error		
	26	GND	G				
	27	ZACDRIVE_CN.C.ON	I				
	28	ZACDRIVE_ZEROX1	I			CN835	Waste Toner Transport Motor
	29	5VX	P				
	30	ZACDRIVE_TRG_PRES	O				
	31	ZACDRIVE_RLY1_PW	O				
	32	+24VS	P			CN837	Waste Toner Bottle Set Sensor
	33	GND	G				
	34	T-GND	G				
	35	T-24V	P				
	36	ZACDRIVE_FHQLFN	O			CN839	Waste Toner Near Full Sensor
	37	ZACDRIVE_FHQLFN_LK	I				
	38	ZACDRIVE_PONENG_N	O				
	39	ZACDRIVE_CBKDHHT	O				
CN219	40	+24V1	P			CN836	Waste Toner Bottle Motor Sensor
	1	LWB_MT_GA	O				
	2	LWB_MT_CLK	O				
	3	LWB_MT_LOK	I		Error		
	4	LWB_MT_STA_N	O		Start	CN830	Waste Toner Lock Sensor
	5	GND	G				
	6	GND	G				
	7	+24V	P				
	8	+24V	P			CN829	Waste Toner Collection Motor
	9	LWBSTSW	I				
	10	GND	G				
	11	GND	G				
	12	LWBNSFN	I			CN836	Waste Toner Bottle Motor Sensor
	13	+5V	P				
	14	GND	G				
	15	LBMLKSN	I				
	16	+5V	P			CN830	Waste Toner Lock Sensor
	17	N.C.	N				
	18	N.C.	N				
	19	N.C.	N				
	20	N.C.	N			CN829	Waste Toner Collection Motor
	21	N.C.	N				
	22	GND	G				
	23	LMWLKSN_SNS	I				
	24	+5V	P			CN820	Fusing Pressure Roller Exhaust Fan (Pro)
	25	LMW_MT_GA	O				
	26	LMW_MT_CLK	O				
	27	LMW_MT_LOK	I		Error		
	28	LMW_MT_STA_N	O		Start	CN1095	Fusing Belt Smoothing Roller Drive Motor
	29	GND	G				
	30	GND	G				
	31	+24V	P				
CN220	32	+24V	P			CN1096	Fusing Belt Smoothing Roller Contact Motor
	1	+24V	P				
	2	FFRCAMT_LOK	I		Error		
	3	GND	G				
	4	FFRCAMT_PWM	O			CN886	Finisher
	5	FFRDRMT_GA	O				
	6	FFRDRMT_CLK	O				
	7	FFRDRMT_BRK_N	O		Brake On		
	8	FFRDRMT_CW	O		CW	CN883	Fusing Release Motor
	9	FFRDRMT_STA_N	O		Start		
	10	FFRDRMT_LOK_N	I		Error		
	11	GND	G				
	12	GND	G			CN886	Finisher
	13	+24V	P				
	14	+24V	P				
	15	FFRCAMT_A	O				
CN221	16	FFRCAMT_XA	O			CN883	Fusing Release Motor
	17	FFRCAMT_XB	O				
	18	FFRCAMT_B	O				
	1	T_24V	P				
	2	ZFN_FIN_RXD	I			CN886	Finisher
	3	T_GND	G				
	4	ZFN_FIN_TXD	O				
	5	+5V	P				
	6	+5V	P			CN883	Fusing Release Motor
	7	GND	G				
	8	GND	G				
	9	FFRDSMT_EN.C.-A	I				
	10	FFRDSMT_EN.C.-B	I			CN886	Finisher
	11	+VCC	P				
	12	FFRDSMT_O	O		CW		
	13	FFRDSMT_PWM	O				
	14	FFRDSMT_BRK_N	O		Brake On		
	15	GND	G			CN883	Fusing Release Motor
	16	+24VS	P				

IOB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)				
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No		
CN222	1	+5V	P			CN693	Fusing Belt Smoothing Roller Contact Sensor	1		
	2	FFRCASN	I					2		
	3	GND	G					3		
	4	GND	G			CN680	Thermistor (Fusing Belt)	2		
	5	FFH_TSFRL_SN+	I					1		
	6	+5V	P					2		
	7	FFOPSSNA	I			CN684	Pressure Roller Sensor (Rear)	1		
	8	GND	G					3		
	9	FFU_SS_SET6	I	Set				2		
	10	GND	G			CN673	Fusing Unit Detection	1		
	11	FFP_TSCT_TAMB	I					4		
	12	+5V	P					3		
	13	GND	G			CN688	Thermopile (Pressure Roller)	2		
	14	FFP_TSCT_TOBJ	I					1		
	15	N.C.	N							
	16	+5V	P			CN676	Heating Roller Rotation Sensor	1		
	17	FFHRTSN	I					2		
	18	GND	G					3		
	19	+5V	P			CN683	Pressure Roller Sensor (Front)	1		
	20	FFOPSSNB	I					2		
	21	GND	G					3		
CN223	1	+5V	P			CN685	Using Paper Feed Sensor	1		
	2	FOUEPSN_SNS_N	I					2		
	3	GND	G					3		
	4	FFR_TSEG_SN-	G			CN679	Thermistor (Hot Roller Shaft)	2		
	5	FFR_TSEG_SN+	I					1		
	6	FFU_SS_SET5_N	I	Set				10		
	7	GND	G			CN675	Fusing Unit Detection	9		
	8	FFU_SS_SET3_N	I	Set				6		
	9	GND	G					5		
	10	N.C.	N	Set			4			
	11	N.C.	N				3			
	12	FFU_SS_SET1_N	I	Set			2			
	13	GND	G				1			
CN224	1	+5V	P			CN686	Fusing Entrance Sensor	3		
	2	GND	G					2		
	3	FIN_SN_SNS_N	I					1		
	4	FFH_TSCT_SNA	I					4		
	5	+5V	P					3		
	6	GND	G					2		
CN225	7	FFH_TSCT_SN-O	I			CN641	Development Exhaust Fan (Right)	1		
	1	+24V	P					2		
	2	ODVEFFNRT_LOK	I		Error			3		
	3	GND	G							
	4	+24V	P					CN642	Development Exhaust Fan (Left)	1
	5	ODVEFFNLT_LOK	I		Error					2
	6	GND	G			3				
	7	+24V	P			CN646	Heat Pipe Panel Intake Fan	1		
	8	MHNSFFN_LOK	I		Error			2		
	9	GND	G					3		
	10	+24V	P			CN649	Heat Pipe Panel Exhaust Fan	1		
	11	MHNEFFN_LOK	I		Error			2		
	12	GND	G					3		
	13	+24V	P			CN623	PTR Fusing Exhaust Fan	1		
	14	MTFEFFN_LOK	I		Error			2		
	15	GND	G					3		
	16	+24V	P			CN621	Ozone Exhaust Fan	1		
	17	MOZEFFN_LOK	I		Error			2		
	18	GND	G					3		
	19	MOZEFFN_PWM	O				4			
	20	N.C.	N							
21	+24V	P			CN626	Fusing Exit Exhaust Fan	1			
22	FFUEFFN_LOK	I		Error			2			
23	GND	G					3			
24	FFUEFFN_PWM	O			CN622	Drive Exhaust Fan	4			
25	+24V	P					1			
26	MOVEFFN_LOK	I		Error			2			
27	GND	G					3			
28	MOVEFFN_HL	O		High Speed			4			
29	+24VS	P					CN624	Duplex Exhaust Fan (Rear)	1	
30	RDPEFFNBC_LOK	I		Error	2					
31	GND	G			3					
32	+24VS	P			CN689	Duplex Exhaust Fan (Middle)	1			
33	RDPEFFNME_LOK	I		Error			2			
34	GND	G					3			
35	+24VS	P			CN625	Duplex Exhaust Fan (Front)	1			
36	RDPEFFNFR_LOK	I		Error			2			
37	GND	G					3			
38	N.C.	N								
CN226	1	ODV_MTY_MON	I			CN704	Development Motor (Y)	10		
	2	ODV_MTY_MAKER	I					9		
	3	ODV_MTY_FG	I					8		
	4	ODV_MTY_GW	O		CW		7			
	5	ODV_MTY_PWM_N	O	Active			6			
	6	ODV_MTY_BRK_N	O	Brake On			5			
	7	GND	G				4			
	8	GND	G				3			
	9	+24V	P				2			
	10	+24V	P				1			
	11	ODV_MTM_MON	I			CN706	Development Motor (M)	10		
	12	ODV_MTM_MAKER	I					9		
	13	ODV_MTM_FG	I					8		
	14	ODV_MTM_CW	O		CW		7			
	15	ODV_MTM_PWM_N	O	Active			6			
	16	ODV_MTM_BRK_N	O	Brake On			5			
	17	GND	G				4			
	18	GND	G				3			
	19	+24V	P				2			
	20	+24V	P				1			
	21	ODV_MTC_MON	I			CN700	Development Motor (C)	10		
	22	ODV_MTC_MAKER	I					9		
	23	ODV_MTC_FG	I					8		
	24	ODV_MTC_CW	O		CW		7			
	25	ODV_MTC_PWM_N	O	Active			6			
	26	ODV_MTC_BRK_N	O	Brake On			5			
	27	GND	G				4			
	28	GND	G				3			
	29	+24V	P				2			
	30	+24V	P				1			
	31	ODV_MTK_MON	I			CN717	Development Motor (K)	10		
32	ODV_MTK_MAKER	I			9					
33	ODV_MTK_FG	I			8					
34	ODV_MTK_GW	O		CW		7				
35	ODV_MTK_PWM_N	O	Active			6				
36	ODV_MTK_BRK_N	O	Brake On			5				
37	GND	G				4				
38	GND	G				3				
39	+24V	P				2				
40	+24V	P				1				
CN227	1	N.C.	N			CN627	Fusing Drive Motor (Pro)	10		
	2	FFU_MT_CLK	O					9		
	3	FFU_MT_BRK_N	O	Brake On				8		
	4	FFU_MT_GW	O		CW			7		
	5	FFU_MT_STA_N	O	Start				6		
	6	FFU_MT_LOK	I		Error			5		
	7	GND	G					4		
	8	GND	G					3		
	9	+24V	P					2		
	10	+24V	P					1		

PSU1 Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN425R	1	GND	G			CN218	IOB
	2	PONENG_N	I				
	3	VERCONV_RDY	O				
	4	VXCONV_LV_N	I				
	5	PON_VERCONV_N	I				
CN426	1	GND	G				
	2	EX_5V	I				
	3	5VX	P				
	4	DOOR_OPEN	O				
CN441R	1	AC_L	P			CN411	PSU
	2		N				
CN442R	3	AC_N	P			CN128	BCU
	1	5VX	P				
	2	5VX	P				
	3	GND	G				
CN444R	4	GND	G			CN229	IOB
	1	GND	P				
	2	GND	P				
	3	GND	P				
CN445R	5	24V	G			CN229	IOB
	6	24V	G				
	7	24V	G				
	8	24V	G				
	1	GND	P				
	2	GND	P				
	3	GND	P				
	4	GND	P				
	5	GND	P				
	6	24V	G				
CN449R	7	24V	G			CN279	PFB
	8	24V	G				
	9	24V	G				
	10	24V	G				
CN449R	1	5VSW	O			CN867	Interlock
	2	N.C.					
	3	5VS	I				
CN449R	1	5VSW	O			CN765	TDRB
	2	N.C.					
	3	5VS	I				

PSU2 Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN425L	1	GND	G			CN218	IOB
	2	PONENG_N	I				
		N.C.	G				
		N.C.	I				
		N.C.	P				
CN441L		N.C.	O			CN411	AC Drive Board
	1	AC_L	P				
	2	N.C.	N				
	3	AC_N	P				
CN442L	1	5VX	P			CN279	PFB
	2	5VX	P				
	3	GND	G				
	4	GND	G				
CN443L	1	5V	P			CN129	BCU
	2	5V	P				
	3	5V	P				
	4	5V	P				
	5	5V	P				
	6	5V	P				
	7	GND	G				
	8	GND	G				
	9	GND	G				
	10	GND	G				
	11	GND	G				
	12	GND	G				
CN444L	1	GND	P			CN129	BCU
	2	GND	P				
	3	GND	P				
	4	GND	P				
	5	GND	P				
	6	24V	G				
	7	24V	G				
	8	24V	G				
	9	24V	G				
	10	24V	G				
CN445L	1	GND	P			CN214	IOB
	2	GND	P				
	3	GND	P				
	4	GND	P				
	5	GND	P				
	6	24V	G				
	7	24V	G				
	8	24V	G				
	9	24V	G				
	10	24V	G				
CN446	1	GND	G			CN790	ADF
	2	GND	G				
	3	GND	G				
	4	GND	G				
	5	24V	P				
	6	24V	P				
	7	24V	P				
	8	24V	P				
CN447		N.C.				CN793	LCT
	1	GND	G				
	2	GND	G				
	3	GND	G				
	4	24V	P				
	5	24V	P				
	6	24V	P				
CN448	7	24V	P			CN867	Finisher
		N.C.					
	1	GND	G				
	2	GND	G				
	3	GND	G				
	4	GND	G				
	5	24V	P				
	6	24V	P				
	7	24V	P				
CN448	8	24V	P				
	9	24V	P				

IH Inverter (100V) Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN430	1	AC-2L	P			CN407	AC Drive Board (100V)
	2	AC-2N	P				
CN431	1	THERMO-OUT	P			CN670	Thermostat (Heating Peller)
	2	THERMO-IN	P				
CN432	1	+5V	P			CN218	IOB
	2	GND	G				
	3	IH_ZEROX2	O				
	4	N.C.	N				
	5	ENABLE_IH	I				
	6	IH_TXD	I				
	7	RXD_IH	O				
	8	IH_ERR_ST	O				
	9	N.C.	N				
	10	N.C.	N				
T105	1	L-OUT	P			T1	IH Coil Unit (100V)
T106	1	L-IN	P			T2	IH Coil Unit (100V)

AC Drive Board (100V) Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN400	1	HT1-L	P			CN672	
	2	N.C.	N				
	3	HT1-N	P				
CN401	1	HT2-L	P			CN619	Lower Tray Heater
	2	HT3-L	P				
	3	N.C.	N			CN618	Upper Tray Heater
	4	HT2-N	P				
	5	HT3-N	P			CN619	Lower Tray Heater
	6	HT4-L	P				
	7	HT5-L	P			CN650	LCT Tray Heater
	8	N.C.	N				
	9	HT4-N	P			CN650	LCT Tray Heater
	10	HT5-N	P				
CN402	1	HT6-L	P			CN614	Scanner Anti- Condensation Heater
	2	HT7-L	P				
	3	N.C.	N			CN750	Anti-condensation Heater
	4	HT6-N	P				
	5	HT7-N	P			CN614	Scanner Anti- Condensation Heater
CN403	1	+24V1	P				
	2	OBKDHHT	I			CN218	IOB
	3	PONENG_N	I				
	4	FHCLFNLK	O				
	5	FHCLFN	I				
	6	T-24V	P				
	7	T-GND	G				
	8	GND	G				
	9	24VS	P				
	10	RLY1_PW	I				
	11	TRG_PRES	I				
	12	5VX	P				
	13	ZEROX1	O				
	14	ON.C.ON	O				
CN405	1	HT_SW-N	P			T128	Anti-Humidity Heater Switch
	2	HT_SW-N	P				
CN407	1	IHL	P			CN430	IH Inverter (100V)
	2	IHN	P				
CN411	1	PSU1-L	P			CN441	PSU1
	2	PSU2-L	P				
	3	PSU1-N	P			CN1103	PSU2
	4	PSU2-N	P				
CN416	1	FHCLFN	O			CN1103	PSU2
	2	FHCLFNLK	I				
	3	GND	G				
CN420	1	AC-1L	P			T113	AC-L
	2	N.C.	N				
	3	AC-1N	P				
T111	1	AC1L	P			T114	AC-N
T112	1	AC1N	P				
T109	1	AC2L	P				
T108	1	AC2N	P				

Combined High-Voltage Power Supply Board (Charge/Development) (KCMY)

Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN151	1	B1	O			T174	PCU (M)
	2	N.C.	N				
	3	B2	O				
CN160	1	+24VS				CN206	IOB
	2	+24VS					
	3	GND					
	4	GND					
	5	ODV_PP1_AC					

Controller Board Pin Assign Information

Connector (FROM)						Connector (TO)					
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No			
CN1	G1	ECO_SW_N	I			CN121	BICU	G1			
	G2	PONROPE_N	O					G2			
	G3	SDMODE_N	O					G3			
	G4	GND	G					G4			
	G5	GND	G					G5			
	G6	GND	G					G6			
	G7	GND	G					G7			
	G8	N.C.	N					G8			
	G9	GND	G					G9			
	G10	GND	G					G10			
	G11	GND	G					G11			
	G12	GND	G					G12			
	G13	GND	G					G13			
	G14	GND	G					G14			
	G15	GND	G					G15			
	G16	GND	G					G16			
	G17	GND	G					G17			
	G18	GND	G					G18			
	G19	GND	G					G19			
	G20	GND	G					G20			
	G21	GND	G					G21			
	G22	GND	G					G22			
	G23	GND	G					G23			
	G24	GND	G					G24			
	G25	3.3VE_MSENS	P					G25			
	G26	GND	G					G26			
	G27	GND	G					G27			
	G28	N.C.	N					G28			
	G29	VXONV_LV_N	N					G29			
	G30	N.C.	N					G30			
	G31	WKUP_L_N	I					G31			
	G32	MON5V	I					G32			
	G33	PONENG_N	O					G33			
	G34	TIMER_UP2_N	O					G34			
	G35	LDET_ACSWOFF_N	N					G35			
	G36	N.C.	N					G36			
	G37	PROMPT	N					G37			
	G38	BDEVSEL1	N					G38			
	G39	+24V	P					G39			
	P1	+5VX	P					P1			
	P2	+5VX	P					P2			
	P3	+5VX	P					P3			
	P4	GND	G					P4			
	P5	GND	G					P5			
	P6	GND	G					P6			
	P7	+5VX	P					P7			
	P8	+12V	N					P8			
	S1	POKUSB	O					S1			
	S2	POKOP	N					S2			
	S3	LDET_IN_N	I					S3			
	S4	N.C.	N					S4			
	S5	N.C.	N					S5			
	S6	PERST_RAPR_N	O					S6			
	S7	OPE_USB_M	B					S7			
	S8	OPE_USB_P	B					S8			
	S9	OPE_CTLERRR_N	O					S9			
	S10	OP0_CLK	O					S10			
	S11	OP0_TXD	O					S11			
	S12	OP0_RXD	I					S12			
	S13	N.C.	N					S13			
	S14	N.C.	N					S14			
	S15	N.C.	N					S15			
	S16	MUL_TPG_N	B					S16			
	S17	VBY_TX_P	O					S17			
	S18	VBY_TX_M	O					S18			
	S19	SUBLINK_P	B					S19			
	S20	SUBLINK_M	B					S20			
	S21	N.C.	N					S21			
	S22	N.C.	N					S22			
	S23	N.C.	N					S23			
	S24	N.C.	N					S24			
	S25	PCIE_RAPL_RX3_M	I					S25			
	S26	PCIE_RAPL_RX3_P	I					S26			
	S27	PCIE_RAPL_TX3_M	O					S27			
	S28	PCIE_RAPL_TX3_P	O					S28			
	S29	PCIE_RAPL_RX2_M	I					S29			
	S30	PCIE_RAPL_RX2_P	I					S30			
	S31	PCIE_RAPL_TX2_M	O					S31			
	S32	PCIE_RAPL_TX2_P	O					S32			
	S33	PCIE_RAPL_RX1_M	I					S33			
	S34	PCIE_RAPL_RX1_P	I					S34			
	S35	PCIE_RAPL_TX1_M	O					S35			
	S36	PCIE_RAPL_TX1_P	O					S36			
	S37	PCIE_RAPL_RX0_M	I					S37			
	S38	PCIE_RAPL_RX0_P	I					S38			
	S39	PCIE_RAPL_TX0_M	O					S39			
	S40	PCIE_RAPL_TX0_P	O					S40			
	S41	REFCLK_M	O					S41			
	S42	REFCLK_P	O					S42			
	S43	REFCLK_DBG_M	O					S43			
	S44	REFCLK_DBG_P	O					S44			
	S45	N.C.	N					S45			
	S46	MSENS_N	I					S46			
	S47	MSENS_INIT1	O					S47			
	S48	MSENS_INIT2	O					S48			
	S49	PERXD	I					S49			
	S50	PERXD	O					S50			
	S51	ENG_ENABLE_N	O					S51			
	S52	PON_VEPONV_N	N					S52			
	S53	VEPONV_RDY_N	N					S53			
	S54	FUKKI	O					S54			
	S55	ENGRDY_N	I					S55			
	S56	N.C.	N					S56			
	S57	WKUP_E	I					S57			
	S58	VDET_EPQ	I					S58			
	S59	PONSENS_N	O					S59			
	S60	LCD_ENABLE_N	N					S60			
	S61	TIMER_UP0_N	O					S61			
	S62	TIMER_UP1_N	O					S62			
	S63	PW_BTN_N	I					S63			
	S64	REDON_DC_N	N					S64			
	S65	N.C.	N					S65			
	S66	N.C.	N					S66			
	S67	N.C.	N					S67			
	S68	BOOT_MODE	N					S68			
	S69	QBBOOT_N	N					S69			
	S70	BDEVSEL2	N					S70			
	S71	DEBTXD	N					S71			
	S72	DEBFXD	N					S72			

Finisher Pin Assign Information

Connector (FROM)						Connector (TO)					
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No			
CN86	1	GND	G			CN221	IOB	1			
	2	GND	G					2			
	3	+5V	P					3			
	4	+5V	P					4			
	5	FIN_TXD	I					5			
	6	T_GND	G					6			
	7	FIN_RXD	O					7			
	8	T_24V	P					8			

BICU Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN114	1	SDCU_CS_N	O			CN780	SDCU
	2	GND	G				1
	3	SDCU_SO	O				2
	4	GND	G				3
	5	SDCU_CLK	O				4
	6	SDCU_SI	I				5
	7	GND	G				6
	8	+5V_SDCU	P				7
	9	+5VX_SDCU	P				8
	10	SDCU_SET_N	I				9
	11	PONENG_RSU_N_O	O				10
	12	SDCU_EHRR	I				11
	13	BCU_RST_N_O	O				12
CN115	1	GND	G			CN757	IDMUSIC Sensors
	2	TBTSPNL_R	O				8
	3	TBTSPNV_R	I				7
	4	TBTSPNV_C	I				6
	5	+3.3V_BCU	P				5
	6	TBTSPNL_C	O				4
	7	TBTSPNV_C2	I				3
	8	TBTSPNV_F	I				2
CN120	9	TBTSPNL_F	O			CN791	DF Position Sensor
	1	GND	G				3
	2	AKS	I				2
	3	+5VE_AKS	P				1

BICU Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN121	G1	ECO_SW_N	N			CN1	Controller Board
	G2	PONOFF_N	N				G1
	G3	SOMODE_N	I				G2
	G4	GND	G				G3
	G5	GND	G				G4
	G6	GND	G				G5
	G7	GND	G				G6
	G8	N.C.	N				G7
	G9	GND	G				G8
	G10	GND	G				G9
	G11	GND	G				G10
	G12	GND	G				G11
	G13	GND	G				G12
	G14	GND	G				G13
	G15	GND	G				G14
	G16	GND	G				G15
	G17	GND	G				G16
	G18	GND	G				G17
	G19	GND	G				G18
	G20	GND	G				G19
	G21	GND	G				G20
	G22	GND	G				G21
	G23	GND	G				G22
	G24	GND	G				G23
	G25	+3.3VE_MSENS	P				G24
	G26	GND	G				G25
	G27	GND	G				G26
	G28	N.C.	N				G27
	G29	N.C.	N				G28
	G30	N.C.	N				G29
	G31	WKUP_L_N	O				G30
	G32	MON5V	P				G31
	G33	PONENG_N	I				G32
	G34	TIMER_UP_N2	I				G33
	G35	N.C.	N				G34
	G36	N.C.	N				G35
	G37	N.C.	N				G36
	G38	N.C.	N				G37
	G39	+24V_I	P				G38
	P1	+5VX_I	P				G39
	P2	+5VX	P				P1
	P3	+5VX	P				P2
	P4	GND	G				P3
	P5	GND	G				P4
	P6	GND	G				P5
	P7	+5VX	P				P6
	P8	N.C.	N				P7
	S1	POKUSB	N				P8
	S2	N.C.	N				S1
	S3	LDET_IN_N	N				S2
	S4	N.C.	N				S3
	S5	N.C.	N				S4
	S6	PEBST_RAPI_N	I				S5
	S7	OPE_USB_M	B				S6
	S8	OPE_USB_P	B				S7
	S9	OPE_CTLERR_N	N				S8
	S10	OP0_CLK	N				S9
	S11	OP0_TXD	N				S10
	S12	OP0_RXD	N				S11
	S13	N.C.	N				S12
	S14	N.C.	N				S13
	S15	N.C.	N				S14
	S16	MUL_TRG_N	B				S15
	S17	VBY_TX_P	I				S16
	S18	VBY_TX_M	I				S17
	S19	SUBLINK_P	B				S18
	S20	SUBLINK_M	B				S19
	S21	N.C.	N				S20
	S22	N.C.	N				S21
	S23	N.C.	N				S22
	S24	N.C.	N				S23
	S25	POE_RAPI_RX3_M	O				S24
	S26	POE_RAPI_RX3_P	O				S25
	S27	POE_RAPI_TX3_M	I				S26
	S28	POE_RAPI_TX3_P	I				S27
	S29	POE_RAPI_RX2_M	O				S28
	S30	POE_RAPI_RX2_P	O				S29
	S31	POE_RAPI_TX2_M	I				S30
	S32	POE_RAPI_TX2_P	I				S31
	S33	POE_RAPI_RX1_M	O				S32
	S34	POE_RAPI_RX1_P	O				S33
	S35	POE_RAPI_TX1_M	I				S34
	S36	POE_RAPI_TX1_P	I				S35
	S37	POE_RAPI_RX0_M	O				S36
	S38	POE_RAPI_RX0_P	O				S37
	S39	POE_RAPI_TX0_M	I				S38
	S40	POE_RAPI_TX0_P	I				S39
	S41	REFCLK_M	I				S40
	S42	REFCLK_P	I				S41
	S43	REFCLK_DBG_M	I				S42
	S44	REFCLK_DBG_P	I				S43
	S45	N.C.	N				S44
	S46	MSENS_N	O				S45
	S47	MSENS_INT1	I				S46
	S48	MSENS_INT2	B				S47
	S49	PETXD	O				S48
	S50	PETXD	I				S49
	S51	ENG_ENABLE_N	I				S50
	S52	N.C.	N				S51
	S53	N.C.	N				S52
	S54	FUKKI	I				S53
	S55	ENGRDY_N	O				S54
	S56	N.C.	N				S55
	S57	WKUP_E	O				S56
	S58	VDET_EPCI	O				S57
	S59	PONSENS_N	I				S58
	S60	N.C.	N				S59
	S61	TIMER_UP0_N	I				S60
	S62	TIMER_UP1_N	I				S61
	S63	PW_BTIN_N	O				S62
	S64	N.C.	N				S63
	S65	N.C.	N				S64
	S66	N.C.	N				S65
	S67	N.C.	N				S66
	S68	N.C.	N				S67
	S69	N.C.	N				S68
	S70	N.C.	N				S69
	S71	N.C.	N				S70
	S72	N.C.	N				S71
CN123	1	+5VX_LPS	P			CN702	Operation Panel Unit
	2	USBOD-	B				2
	3	USBOD+	B				3
	4	MUL_TRG_N	B				4
	5	GND	G				5
	6	SUBLINK_M	B				6
	7	SUBLINK_P	B				7
	8	GND	G				8
	9	VBY_TX_M	O				9
	10	VBY_TX_P	O				10

BICU Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)		
No	Pin No	Signal Name	Direction	L	H	No	Pin No	
CN124	1	+5VE_LPS	P			CN711	MKB (Option)	
	2	+5VE_LPS	P					6
	3	PETXD	O					5
	4	PETXD	I					4
	5	GND	G					3
	6	GND	G					2
CN125	1	+3.3VE_MSENS	P			CN1166	MSENS2	
	2	MSENS_N	I					5
	3	GND						4
	4	MSENS_INT1	O					3
	5	MSENS_INT2	O					2
CN126	1	PW_BTN_N	I			CN995	Main Power Switch	
	2	GND	G					1
CN128	1	+24VS	P			CN444R	BICU	
	2	GND	G					7
	3	+5VX	P			CN442R	BICU	
	4	GND	G					3
	5	GND	G					4
	6	+5VX	P					2
CN129	1	+5V	P			CN443L	BICU	
	2	GND	G					1
	3	GND	G			CN444L	BICU	
	4	+24V	P					7
CN130	1	PONENG_N	O			CN210	IOB	
	2	N.C.	N					17
	3	GND	G					16
	4	PON_VEPONV_N	O					15
	5	VECON_LV_N	O					14
	6	VEPON_RDY_N	I					13
CN131	1	+24V_LPS	P			CN131	Operator Call Light	
	2	N.C.	N					12
	3	GND	G					1
CN133	1	TX_DATA_K_M	O			CN494K	LD Board (KC)	
	2	TX_DATA_K_P	O					2
	3	GND	G					1
	4	TX_DATA_C_M	O					3
CN134	5	TX_DATA_C_P	O			CN494M	LD Board (MY)	
	1	TX_DATA_M_M	O					5
	2	TX_DATA_M_P	O					1
	3	GND	G					2
	4	TX_DATA_Y_M	O					3
CN135	5	TX_DATA_Y_P	O			CN468	LD Board (KC)	
	1	C_SYNC_MASK	O					5
	2	+5VS_KC	P					20
	3	+5VS_KC	P					19
	4	GND	G					18
	5	GND	G					17
	6	GND	G					16
	7	TN_CNTEND_C	I					15
	8	TN_CNTEND_K	I					14
	9	VTECNT_KC	I					13
	10	VPRGATE_C_N	I					12
	11	VPRGATE_K_N	I					11
	12	VLSYN_C_C_N	I					10
	13	VLSYN_C_K_N	I					9
	14	VFSYN_C_C_N	I					8
	15	VFSYN_C_K_N	I					7
CN136	16	STOUTN_OUT_N	I			CN467	LD Board (MY)	
	17	SYCLK_KC	O					6
	18	SYCS_KC_N	O					5
	19	SYDI_KC	O					4
	20	SYDO_KC	I					3
	21	GND	G					2
	22	+5VS_MY	P					1
	23	+5VS_MY	P					20
	24	GND	G					19
	25	GND	G					18
	26	GND	G					17
	27	TN_CNTEND_V	I					16
	28	TN_CNTEND_M	I					15
	29	VTECNT_MY	I					14
	30	VPRGATE_Y_N	I					13
	31	VPRGATE_M_N	I					12
32	VLSYN_C_Y_N	I			11			
33	VLSYN_C_M_N	I			10			
34	VFSYN_C_Y_N	I			9			
35	VFSYN_C_M_N	I			8			
36	STOUT_N	O			7			
37	SYCLK_KC	O			6			
38	SYCS_MY_N	O			5			
39	SYDI_KC	O			4			
40	SYDO_MY	I			3			
CN136	1	+24V1	P			CN478	Polygon Motor Control Board (Y/M)	
	2	GND	G					5
	3	PMON0_N	O					4
	4	SCRDY1_N	I					3
	5	PMCLK1	O					2
	6	+24V1	P			CN472	Polygon Motor Control Board (CK)	
	7	GND	G					5
	8	PMON0_N	O					4
	9	SCRDY0_N	I					3
	10	PMCLK0	O					2

Operation Panel Unit Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN702	1	+5VX_VBUS	P			CN123	BICU
	2	OPF_USB_M	B				
	3	OPF_USB_P	B				
	4	MLT_TRG_N	B				
	5	GND	G				
	6	VBY_SUB_M	B				
	7	VBY_SUB_P	B				
	8	GND	G				
	9	VBY_TX_M	I				
	10	VBY_TX_P	I				
CN707	1	GND	N			CN131	Operator Call Light
	2	GND	G				
	3	PATLITE_A_N	O				
	4	PATLITE_Y_N	O				
	5	PATLITE_B_N	O				

LD Board (MY) Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN455	1	DETPO_N	I			CN457	Laser Synchronization Detector (M) [Front]
	2	+3.3V_PD	P				3
	3	GND	G				2
	4	EDETPO_N	I			CN459	Laser Synchronization Detector (M) [Rear edge]
	5	+3.3V_PD	P				3
	6	GND	G				2
	7	DETP1_N	I			CN456	Laser Synchronization Detector (Y) [Front]
	8	+3.3V_PD	P				3
	9	GND	G				2
	10	EDETP1_N	I			CN458	Laser Synchronization Detector (Y) [Rear edge]
	11	+3.3V_PD	P				3
	12	GND	G				2
CN457	1	SYDI_N	O			CN134	BICU
	2	SYDO_N	I				
	3	SYCS_N	I				
	4	CLK_SY	I				
	5	STOUTIN_N	B				
	6	MFSYN.C.0_N	O				
	7	MFSYN.C.1_N	O				
	8	MFSYN.C.0_N	O				
	9	MFSYN.C.1_N	O				
	10	PFGATE0_N	O				
	11	PFGATE1_N	O				
	12	VTECINT	O				
CN459	13	TN.C. NTEND0	O			CN133	BICU
	14	TN.C. NTEND1	O				
	15	GND	G				
	16	GND	G				
	17	GND	G				
	18	+5VS	P				
	19	+5VS	P				
	20	SYN.C. MASK	I				
	1	L0_RXM	I				
	2	L0_RXP	I				
	3	GND	G				
	4	L2_RXM	I				
CN494	5	L2_RXP	I				

LD Board (KC) Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN450	1	DETPO_N	I			CN451	Laser Synchronization Detector (K) [Front]
	2	+3.3V_PD	P				3
	3	GND	G				2
	4	EDETPO_N	I			CN453	Laser Synchronization Detector (K) [Rear edge]
	5	+3.3V_PD	P				3
	6	GND	G				2
	7	DETP1_N	I			CN452	Laser Synchronization Detector (C) [Front]
	8	+3.3V_PD	P				3
	9	GND	G				2
	10	EDETP1_N	I			CN454	Laser Synchronization Detector (C) [Rear edge]
	11	+3.3V_PD	P				3
	12	GND	G				2
CN459	1	SYDI_N	O			CN135	BICU
	2	SYDO_N	I				
	3	SYCS_N	I				
	4	CLK_SY	I				
	5	STOUTIN_N	B				
	6	MFSYN.C.0_N	O				
	7	MFSYN.C.1_N	O				
	8	MFSYN.C.0_N	O				
	9	MFSYN.C.1_N	O				
	10	PFGATE0_N	O				
	11	PFGATE1_N	O				
	12	VTECINT	O				
CN459	13	TN.C. NTEND0	O			CN133	BICU
	14	TN.C. NTEND1	O				
	15	GND	G				
	16	GND	G				
	17	GND	G				
	18	+5VS	P				
	19	+5VS	P				
	20	SYN.C. MASK	I				
	1	L0_RXM	I				
	2	L0_RXP	I				
	3	GND	G				
	4	L2_RXM	I				
CN494	5	L2_RXP	I				

DUB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	Pin No
CN290	1	ZPFB_MODUKSN_SNS	O			CN275	PFB
	2	ZPFB_EXUNIRST	I				
	3	ZPFB_EXUARTRXD	I				
	4	ZPFB_EXUARITXD	O				
	5	ZPFB_MODUKMT_OUTB	I				
	6	ZPFB_MODUKMT_OUTA	I				
	7	GND	G				
	8	+24V	P				
	9	+5V	P				
	10	GND	G				
CN291	1	+5V	P			CN443L	PSU2
	2	GND	G				
CN292	1	+24VS	P			CN950	PFB
	2	GND	G				

DUB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)			
No	Pin No	Signal Name	Direction	L	H	No	Pin No		
CN293	A1	GND	G			CN274	PFB		
	A2	ZPFB_CSR_MT1_CLK	I						
	A3	ZPFB_CSR_MT1_FR	I						
	A4	ZPFB_CSR_MT1_ENB	I						
	A5	ZPFB_CSR_MT1_CRT	I						
	A6	ZPFB_CSR_MT2_CLK	I						
	A7	ZPFB_CSR_MT2_FR	I						
	A8	ZPFB_CSR_MT2_ENB	I						
	A9	ZPFB_CSR_MT2_CRT	I						
	A10	ZPFB_RDRPVS_L_DRV	I						
	A11	ZPFB_EDXRVSL_DRV	I						
	A12	N.C.	N						
	A13	N.C.	N						
	B1	ZPFB_RRVDMT_CLK	I						
	B2	ZPFB_RRVDMT_FR	I						
	B3	ZPFB_RRVDMT_ENB	I						
	B4	ZPFB_RRVDMT_CRT	I						
	B5	ZPFB_RDPSHMT_CLK	I						
	B6	ZPFB_RDPSHMT_FR	I						
	B7	ZPFB_RDPSHMT_ENB	I						
B8	ZPFB_RDPSHMT_CRT	I							
B9	ZPFB_FWBCEMT_CLK	I							
B10	ZPFB_FWBCEMT_FR	I							
B11	ZPFB_FWBCEMT_ENB	I							
B12	N.C.	N							
B13	ZPFB_FWBCEMT_SNS	O							
CN294	A1	ZPFB_DRWSTSN	O			CN273	PFB		
	A2	ZPFB_EDXRVMT_BRK_N	I						
	A3	ZPFB_EDXRVMT_PWM	I						
	A4	ZPFB_EDXRVMT_CW	I						
	A5	ZPFB_EDXRVMT_ENB	O						
	A6	ZPFB_EDXRVMT_ENB	O						
	A7	ZPFB_RRVNMT_BRK_N	I						
	A8	ZPFB_RRVNMT_PWM	I						
	A9	ZPFB_RRVNMT_CW	I						
	A10	ZPFB_RRVNMT_ENB	O						
	A11	ZPFB_RRVNMT_ENB	O						
	A12	ZPFB_EBX_MT_BRK_N	I						
	A13	ZPFB_EBX_MT_PWM	I						
	A14	ZPFB_EBX_MT_CW	I						
	A15	ZPFB_EBX_MT_ENB	O						
	A16	ZPFB_EBX_MT_ENB	O						
	A17	N.C.	N						
	B1	ZPFB_CCTPASN_SNS_N	O						
	B2	ZPFB_RDPOUMT_BRK	I						
	B3	ZPFB_RDPOUMT_PWM	I						
	B4	ZPFB_RDPOUMT_CW	I						
	B5	ZPFB_RDPOUMT_ENB	O						
	B6	ZPFB_RDPOUMT_ENB	O						
	B7	ZPFB_RDPOUMT_BRK_N	I						
	B8	ZPFB_RDPOUMT_PWM	I						
	B9	ZPFB_RDPOUMT_CW	I						
	B10	ZPFB_RDPOUMT_ENB	O						
	B11	ZPFB_RDPOUMT_ENB	O						
	B12	ZPFB_CRG_MT_BRK_N	I						
	B13	ZPFB_CRG_MT_PWM	I						
B14	ZPFB_CRG_MT_CW	I							
B15	ZPFB_CRG_MT_ENB	O							
B16	ZPFB_CRG_MT_ENB	O							
B17	N.C.	N							
CN295	A1	N.C.	N			CN276	PFB		
	A2	ZPFB_EBX_SN_N	O						
	A3	ZPFB_EDXRVSN_N	O						
	A4	ZPFB_RDPOVSN4	O						
	A5	ZPFB_RDPOVSN3	O						
	A6	N.C.	N						
	A7	N.C.	N						
	A8	ZPFB_RDRVSN_N	O						
	A9	ZPFB_RDPSN	O						
	A10	ZPFB_RDPOUSN	O						
	A11	ZPFB_RDPEGSN1_N	O						
	A12	ZPFB_CRG_SN	O						
	A13	ZPFB_MHDVSN_N	O						
	A14	ZPFB_CPGVSN_SNS_N	O						
	B1	N.C.	N						
	B2	GND	G						
	B3	ZPFB_CBUPTEN_ENB	O						
	B4	ZPFB_CBUPTEN_ENB	O						
	B5	ZPFB_HHDPTEN_ENB	O						
	B6	ZPFB_HHDPTEN_ENB	O						
B7	GND	G							
B8	ZPFB_CSHPSN2_SNS	O							
B9	ZPFB_CSHPSN1_SNS	O							
B10	ZPFB_CSHPSN_SNS	O							
B11	ZPFB_HCHPSN_SNS	O							
B12	ZPFB_RRVNSN	O							
B13	ZPFB_RRVUSN	O							
B14	ZPFB_EDXRVSN_N	O							
CN296	1	+24V	P			CN785	Edge Detection Sensor Shift Motor	1	
	2	+24V	P					2	
	3	CSNSHMT_A	O					4	
	4	CSNSHMT_XA	O					5	
	5	CSNSHMT_B	O					6	
	6	CSNSHMT_XB	O					7	
	7	COMA	P					1	
	8	COMB	P					2	
	9	CSR_MT2_A	O					4	
	10	CSR_MT2_XA	O					5	
	11	CSR_MT2_B	O			6			
	12	CSR_MT2_XB	O			7			
	13	COMA	P			CN783	Duplex Transport Home Position Sensor 1	1	
	14	COMB	P					2	
	15	CSR_MT1_A	O					4	
	16	CSR_MT1_XA	O					5	
	17	CSR_MT1_B	O					6	
	18	CSR_MT1_XB	O					7	
	19	N.C.	N						
	20	+24V	P					CN801	Fusing Heat Pipe Cooling Fan
21	MPQCLFN_LOK	I			2				
22	GND	G				3			
23	N.C.	N			CN802	H Coil Cooling Fan			
24	+24V	P					1		
25	PDQCLFN_LOK	I					2		
26	GND	G					3		
27	N.C.	N							
28	RDRPVS_L_OUT1	O					CN804	Duplex Invert Solenoid	1
29	RDRPVS_L_OUT2	O							2
30	EDXRVSL_OUT1	O					CN805	Duplex Inverter	1
31	EDXRVSL_OUT2	O							2
32	+24V	P					CN806	Inverter Junction Gate Motor	1
33	RIC_MT_XA	O			2				
34	RIC_MT_A	O			3				
35	RIC_MT_B	O			4				
36	RIC_MT_XB	O			5				

DUB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)		
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No
CN805	1	GND	G			CN808	Duplex Invert Sensor	3
	2	RDRVSN_SNS_N	I					2
	3	+5V	P					1
	4	GND	G			CN887	Purge Relay Sensor	3
	5	CPGRYSN_SNS_N	I					2
	6	+5V	P					1
	7	GND	G			CN1084	Fusing Exit Guide Plate Open Sensor	3
	8	FOUCOSN_SNS_N	I					2
	9	+5V	P					1
	10	BUGHOLE_LED-K	O			CN818	Paper Exit Upper Guide Plate LED	2
	11	BUGHOLE_LED-A	O					1
	12	GND	G			CN1062	Paper Exit Relay	3
	13	EXRYVSN_SNS_N	I					2
	14	+5V	P					1
	15	GND	G			CN1066	Paper Exit Sensor	3
	16	EEX_SN_SNS_N	I					2
	17	+5V	P					1
	18	GND	G			CN1065	Inverter Exit Sensor	3
	19	EXRYVSN_SNS_N	I					2
	20	+5V	P					1
	21	GND	G			CN1064	Inverter Feed-in Sensor	3
	22	RRVNSN_SNS_N	I					2
	23	+5V	P					1
	24	GND	G			CN1063	Inverter Feed-out Sensor	3
	25	RRVUSN_SNS_N	I					2
	26	+5V	P					1
	27	GND	G			CN1067	Inverter Junction Gate Home Position Sensor	3
	28	RICHFSN_SNS	I					2
	29	+5V	P					1
	30	EUGCOSWLP_SW2	B			CN1088	Paper Exit Upper Guide Plate Sensor	2
	31	EUGCOSWLP_SW1	B					1
	32	EUGCOSWLT_SW2	B			CN1087	Paper Exit Left Guide Plate Sensor	2
	33	EUGCOSWLT_SW1	B					1
	34	N.C.	N					
CN806	1	FWBCAMT_A	O			CN1078	Cleaning Web Contact Motor	1
	2	FWBCAMT_XA	O					2
	3	FWBCAMT_XB	O					3
	4	FWBCAMT_B	O					4
CN807	1	+24V	P			CN824	Cleaning Web Motor	1
	2	FWBCBMT_A	O					2
	3	FWBCBMT_XA	O					3
	4	FWBCBMT_B	O					4
	5	FWBCBMT_XB	O					5
	6	+24V	P			CN803	Fusing Pressure Roller Intake Fan (Pro)	1
	7	FFPSFFN_LOK	I		Error			2
	8	GND	G					3
	9	FFPSFFN_PWM	O					4
	10	GND	G			CN809	Cleaning Web End Sensor	3
	11	FWBEDSN_SNS	I					2
	12	+5V	P					1
	13	GND	G			CN1097	Cleaning Web Contact Sensor	3
	14	FWBCASN_SNS	I					2
	15	+5V	P					1
	16	GND	G			CN1098	Cleaning Web Set Sensor	3
	17	FWBSTSN_SNS_N	I					2
	18	+5V	P					1
CN808	1	+24V	P			CN816	Paper Transfer Belt Cooling Fan (Front)	3
	2	TT2CLFNFR_LOK	I		Error			2
	3	GND	G					1
	4	+24V	P			CN817	Paper Transfer Belt Cooling Fan (Rear)	3
	5	TT2CLFNBC_LOK	I		Error			2
	6	GND	G					1
	7	+24V	N					
	8	SUBRN_LOK	N					
	9	GND	N					
	10	SUBRN_PWM	N					

PFB Pin Assign Information

Connector (FROM)		Signal Information				Connector (TO)		
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No
CN850	1	HHDFUSL_OUT2	O			CN840	By-pass Pick-up Solenoid	3
	2	HHDFUSL_OUT1	O					1
	3	GND	G			CN816	Paper Tray Upper Limit Sensor (Pro)	2
	4	HTRLUSN_SNS	I					1
	5	+5V	P					2
	6	GND	G			CN838	By-pass Paper Feed Sensor	3
	7	HHDFDSN_SNS_N	I					2
	8	+5V	P					1
	9	HTPSTSW_SW2	B			CN817	By-pass Tray Set Sensor (Pro)	2
	10	HTPSTSW_SW1	B					1
	11	N.C.	N					
	12	N.C.	N					
	13	N.C.	N					
	14	N.C.	N					
	15	MBDOCSN_SW2	B			CN878	By-pass Tray Open Switch	2
	16	MBDOCSN_SW1	B					1
	17	MBD_LE_LED-K	O			CN1032	By-pass Tray LED	2
	18	MBD_LE_LED-A	O					1
	19	HTRLPMT_OUT2	O			CN849	By-pass Tray Lift Motor (Pro)	2
	20	HTRLPMT_OUT1	O					1
	21	GND	G			CN854	By-pass Tray Lower Limit Sensor (Pro)	3
	22	HTRLLSN_SNS	I					2
	23	+5V	P					1
	24	HHDLMSN_SW2	B			CN843	By-pass Paper Width Sensor	7
	25	HHDLMSN_SW1	B					6
	26	HHDLMSN_COM	B					5
	27	HHDLMSN_COM	B					4
	28	HHDLMSN_SW4	B					3
	29	HHDLMSN_SW5	B					2
	30	HHDLMSN_SW3	B					1
	31	GND	G			CN842	By-pass Paper Length Sensor	3
	32	HHDSLNS_SNS	I					2
	33	+5V	P					1
	34	GND	G			CN839	By-pass Tray Paper End Sensor (Pro)	3
	35	HHDPESN_SNS	I					2
	36	+5V	P					1

PFB Pin Assign Information

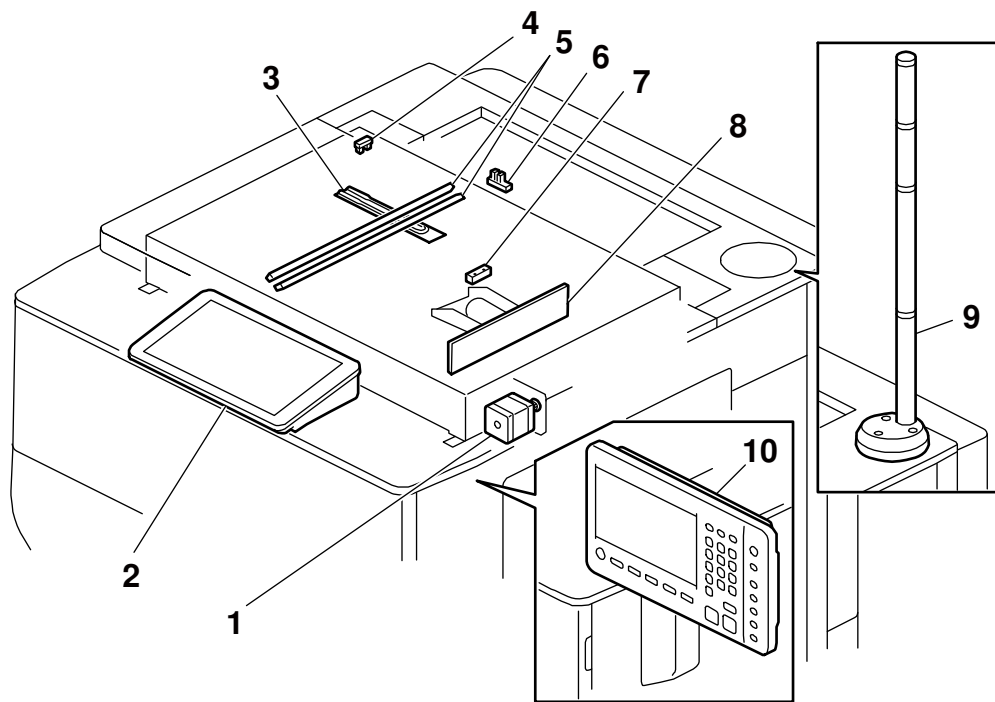
Connector (FROM)		Signal Information				Connector (TO)		
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No
CN851	A1	MHDRYMT_ENC-A	I			CN828	Relay Motor	8
	A2	MHDRYMT_ENC-B	I					7
	A3	+VCC	P					6
	A4	MHDRYMT_CW	O		CW			5
	A5	MHDRYMT_PWM	O					4
	A6	MHDRYMT_BRK_N	O		Brake On			3
	A7	GND	G					2
	A8	+24V	P					1
	A9	HHDFDMT_ENC-A	I			CN1031	By-pass Feed Motor	8
	A10	HHDFDMT_ENC-B	I					7
	A11	+VCC	P					6
	A12	HHDFDMT_CW	O		CW			5
	A13	HHDFDMT_PWM	O					4
	A14	HHDFDMT_BRK_N	O		Brake On			3
	A15	GND	G					2
	A16	+24V	P					1
	B1	CF1_MT_ENC-A	I			CN820	1st Paper Feed Motor	8
	B2	CF1_MT_ENC-B	I					7
	B3	+VCC	P					6
	B4	CF1_MT_CW	O		CW			5
	B5	CF1_MT_PWM	O					4
	B6	CF1_MT_BRK_N	O		Brake On			3
	B7	GND	G					2
	B8	+24V	P					1
	B9	CH1_MT_ENC-A	I			CN821	1st Transport Motor	8
	B10	CH1_MT_ENC-B	I					7
	B11	+VCC	P					6
	B12	CH1_MT_CW	O		CW			5
	B13	CH1_MT_PWM	O					4
	B14	CH1_MT_BRK_N	O		Brake On			3
	B15	GND	G					2
	B16	+24V	P					1
CN852	1	RDRPRVMT_ENC-A	I			CN886	Duplex Inverter Motor	8
	2	RDRPRVMT_ENC-B	I					7
	3	+VCC	P					6
	4	RDRPRVMT_CW	O		CW			5
	5	RDRPRVMT_PWM	O					4
	6	RDRPRVMT_BRK_N	O		Brake On			3
	7	GND	G					2
	8	+24V	P					1
	9	N.C.	N					
	10	N.C.	N					
CN853	1	N.C.	I					
	2	N.C.	P					
	3	N.C.	P					
	4	N.C.	O					
	5	N.C.	O					
	6	N.C.	O					
	7	N.C.	G					
	8	N.C.	P					
	9	CH2_MT_ENC-A	I			CN823	Vertical Transport Motor	8
	10	CH2_MT_ENC-B	I					7
CN854	1	+VCC	P					6
	2	CH2_MT_CW	O		CW			5
	3	CH2_MT_PWM	O					4
	4	CH2_MT_BRK_N	O		Brake On			3
	5	GND	G					2
	6	+24V	P					1
	7	N.C.	N					
	8	N.C.	N					
	9	N.C.	N					
	10	N.C.	N					
CN855	1	CF3_MT_ENC-A	I			CN824	2nd Paper Feed Motor	8
	2	CF3_MT_ENC-B	I					7
	3	+VCC	P					6
	4	CF3_MT_CW	O		CW			5
	5	CF3_MT_PWM	O					4
	6	CF3_MT_BRK_N	O		Brake On			3
	7	GND	G					2
	8	+24V	P					1
	9	CH3_MT_ENC-A	I			CN825	3rd Transport Motor	8
	10	CH3_MT_ENC-B	I					7
CN856	1	+VCC	P					6
	2	CH3_MT_CW	O		CW			5
	3	CH3_MT_PWM	O					4
	4	CH3_MT_BRK_N	O		Brake On			3
	5	GND	G					2
	6	+24V	P					1
	7	N.C.	N					
	8	N.C.	N					
	9	N.C.	N					
	10	N.C.	N					
CN857	1	CF4_MT_ENC-A	I			CN826	2nd Transport Motor (MP)	8
	2	CF4_MT_ENC-B	I					7
	3	+VCC	P					6
	4	CF4_MT_CW	O		CW			5
	5	CF4_MT_PWM	O					4
	6	CF4_MT_BRK_N	O		Brake On			3
	7	GND	G					2
	8	+24V	P					1
	9	CH4_MT_ENC-A	I			CN827	3rd Transport Motor	8
	10	CH4_MT_ENC-B	I					7
CN858	1	+VCC	P					6
	2	CH4_MT_CW	O		CW			5
	3	CH4_MT_PWM	O					

PFB Pin Assign Information

Connector (FROM)		Signal Information					Connector (TO)	
No	Pin No	Signal Name	Direction	L	H	No	To Connector	Pin No
CN271	1	CTT_SSL1_SET_N	I	Set		CN862	Tandem Tray Detection Mechanism	1
	2	GND	G					2
	3	GND	G			CN863	Rear Fence Home Position Sensor	3
	4	CMV/HPSN_SNS	I					2
	5	+5V	P					1
	6	GND	G			CN864	Rear Fence Return Sensor	3
	7	CMV/ROS_N_SNS	I					2
	8	+5V	P					1
	9	GND	G			CN865	Left Tray Paper Sensor	3
	10	CLTYESN_SNS	I					2
	11	+5V	P					1
	12	N.C.	N					
	13	N.C.	N					
CN272	1	Bridge_BDCCVMT_CLK	O			CN1133	Bridge Unit	1
	2	N.C.	N					2
	3	Bridge_BDCCVMT_ENB	N					3
	4	Bridge_BDCCVMT_RST	O					4
	5	N.C.	N					5
	6	Bridge_BDCCVMT_CLK	O					6
	7	Bridge_BDCCVMT_FR	O					7
	8	Bridge_BDCCVMT_ENB	O					8
	9	N.C.	N					9
	10	N.C.	N					10
	11	N.C.	N					
	12	N.C.	N					
	13	Bridge_BDCCSN	I			CN1134	Bridge Unit	1
14	Bridge_BDCCSN	I					2	
15	Bridge_BDCCPSN	I					3	
16	Bridge_BDCCSTN	I					4	
17	Bridge_BDCCSN	I					5	
18	Bridge_BDCCSS	I					6	
19	Bridge_BDCCPSN	I					7	
20	Bridge_HAISHI_FAN_ON	I					8	
21	N.C.	N					9	
22	Bridge_GND	I					10	
23	VOLGA_FAN_ON	P					11	
24	GND	G					12	
CN273	A1	ZPFB_EXRWSTSN	I			CN294	DUB	A1
	A2	ZPFB_EXRVMT_BRK_N	N					A2
	A3	ZPFB_EXRVMT_PWM	O					A3
	A4	ZPFB_EXRVMT_CW	O					A4
	A5	ZPFB_EXRVMT_ENC.-B	I					A5
	A6	ZPFB_EXRVMT_ENC.-A	I					A6
	A7	ZPFB_RRVNMT_BRK_N	O					A7
	A8	ZPFB_RRVNMT_PWM	O					A8
	A9	ZPFB_RRVNMT_CW	O					A9
	A10	ZPFB_RRVNMT_ENC.-B	I					A10
	A11	ZPFB_RRVNMT_ENC.-A	I					A11
	A12	ZPFB_EXC_MT_BRK_N	O					A12
	A13	ZPFB_EXC_MT_PWM	O					A13
	A14	ZPFB_EXC_MT_CW	O					A14
	A15	ZPFB_EXC_MT_ENC.-B	I					A15
	A16	ZPFB_EXC_MT_ENC.-A	I					A16
	B1	ZPFB_CCTPASN_SNS_N	I					B1
	B2	ZPFB_RDPOLMT_BRK	O					B2
	B3	ZPFB_RDPOLMT_PWM	O					B3
	B4	ZPFB_RDPOLMT_CW	O					B4
	B5	ZPFB_RDPOLMT_ENC.-B	I					B5
	B6	ZPFB_RDPOLMT_ENC.-A	I					B6
	B7	ZPFB_RDPCVMT_BRK_N	O					B7
	B8	ZPFB_RDPCVMT_PWM	O					B8
	B9	ZPFB_RDPCVMT_CW	O					B9
	B10	ZPFB_RDPCVMT_ENC.-B	I					B10
	B11	ZPFB_RDPCVMT_ENC.-A	I					B11
	B12	ZPFB_CRG_MT_BRK_N	O					B12
	B13	ZPFB_CRG_MT_PWM	O					B13
	B14	ZPFB_CRG_MT_CW	O					B14
	B15	ZPFB_CRG_MT_ENC.-B	I					B15
	B16	ZPFB_CRG_MT_ENC.-A	I					B16
CN274	A1	GND	G			CN293	DUB	A1
	A2	ZPFB_CSR_MT1_CLK	O					A2
	A3	ZPFB_CSR_MT1_FR	O					A3
	A4	ZPFB_CSR_MT1_ENB	O					A4
	A5	ZPFB_CSR_MT1_CRT	O					A5
	A6	ZPFB_CSR_MT2_CLK	O					A6
	A7	ZPFB_CSR_MT2_FR	O					A7
	A8	ZPFB_CSR_MT2_ENB	O					A8
	A9	ZPFB_CSR_MT2_CRT	O					A9
	A10	ZPFB_RDPFRVSL_DRV	O					A10
	A11	ZPFB_EXDRVSL_DRV	O					A11
	A12	N.C.	N					A12
	A13	N.C.	N					A13
B1	ZPFB_RRVDMT_CLK	O					B1	
B2	ZPFB_RRVDMT_FR	O					B2	
B3	ZPFB_RRVDMT_ENB	O					B3	
B4	ZPFB_RRVDMT_CRT	O					B4	
B5	ZPFB_RDPShMT_CLK	O					B5	
B6	ZPFB_RDPShMT_FR	O					B6	
B7	ZPFB_RDPShMT_ENB	O					B7	
B8	ZPFB_RDPShMT_CRT	O					B8	
B9	ZPFB_FWBCEMT_CLK	O					B9	
B10	ZPFB_FWBCEMT_FR	O					B10	
B11	ZPFB_FWBCEMT_ENB	O					B11	
B12	N.C.	N					B12	
B13	ZPFB_FWBCCSN_SNS	I					B13	
CN275	1	ZPFB_MDLKSN_SNS	I			CN290	DUB	1
	2	ZPFB_EXXUNIRST	O					2
	3	ZPFB_EXXUATRFXD	O					3
	4	ZPFB_EXXUATRFXD	I					4
	5	ZPFB_MDLKMT_OUTB	O					5
	6	ZPFB_MDLKMT_OUTA	O					6
	7	GND	G					7
	8	+24V	P					8
CN276	A1	ZPFB_EXXSN_N	I			CN295	DUB	A2
	A2	ZPFB_EXRVSN_N	I					A3
	A3	ZPFB_RDPCVSN4	I					A4
	A4	ZPFB_RDPCVSN3	I					A5
	A5	N.C.	N					A6
	A6	N.C.	N					A7
	A7	ZPFB_RDRVSN_N	I					A8
	A8	ZPFB_RDRVSN	I					A9
	A9	ZPFB_RDPOUSN	I					A10
	A10	ZPFB_RDPOUSN1_N	I					A11
	A11	ZPFB_CRG_SN	I					A12
	A12	ZPFB_MHDRVSN_N	I					A13
	A13	ZPFB_CGRVSN_SNS_N	I					A14
B1	GND	G					B2	
B2	ZPFB_CBUPTEN_ENC.-B	I					B3	
B3	ZPFB_CBUPTEN_ENC.-A	I					B4	
B4	ZPFB_HHDPTEN_ENC.B	I					B5	
B5	ZPFB_HHDPTEN_ENC.A	I					B6	
B6	GND	G					B7	
B7	ZPFB_CSHPSN2_SNS	I					B8	
B8	ZPFB_CSHPSN1_SNS	I					B9	
B9	ZPFB_CSHPSN_SNS	I					B10	
B10	ZPFB_RDRPSN_SNS	I					B11	
B11	ZPFB_RRVINSN	I					B12	
B12	ZPFB_RRVOUSN	I					B13	
B13	ZPFB_EXRVSN_N	I					B14	

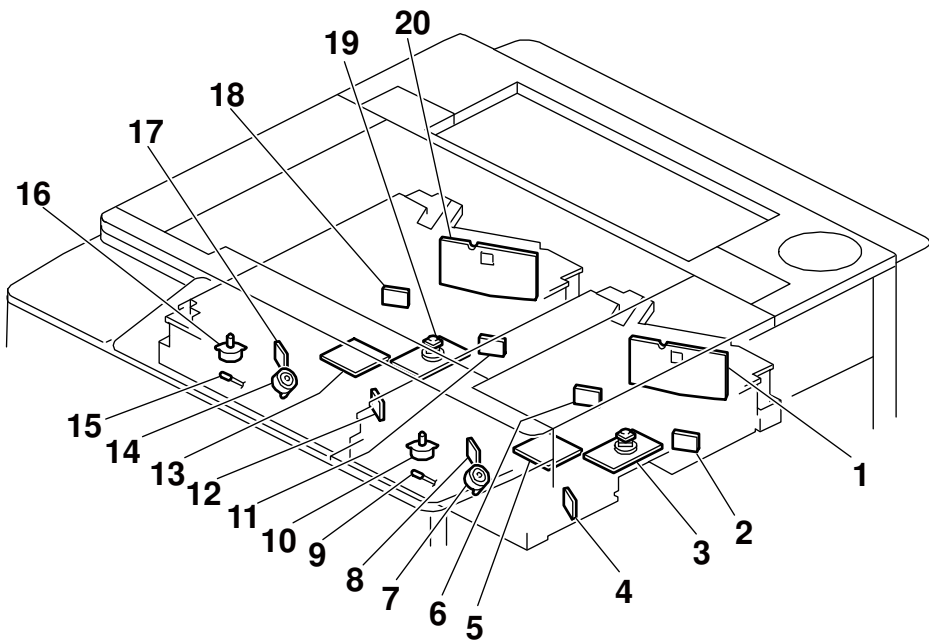
MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (1/8)

Fig.1



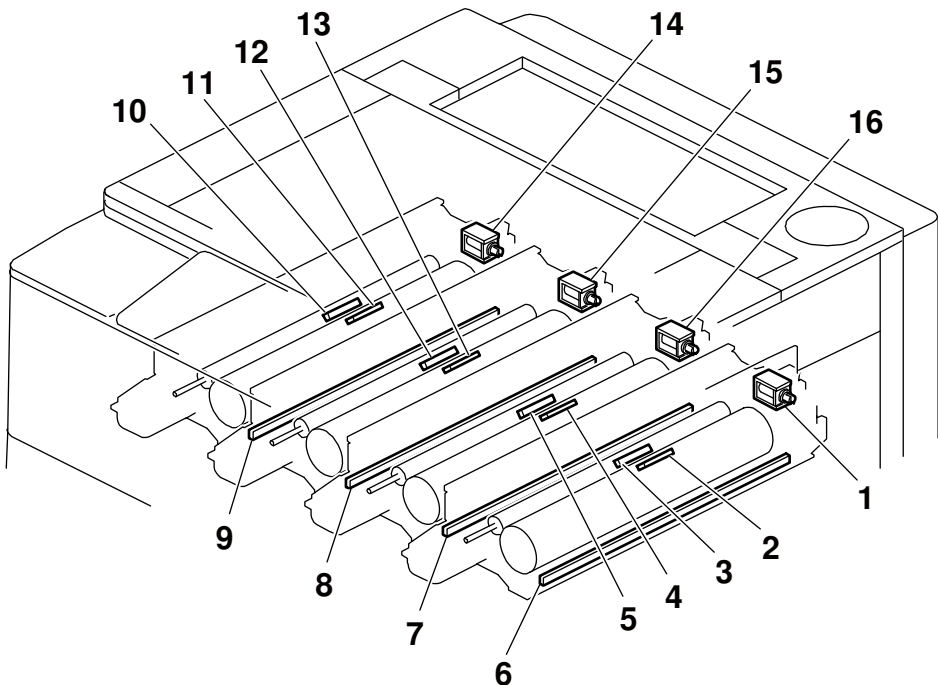
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Fig.2



d257c9922.wmf

Fig.3



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Symbol	Index No.	Description	P to P	Page
PCBs				
PCB15	Fig.1-8	SBU	B3	2/5
PCB16	Fig.2-5	Polygon Motor Control Board (C/K)	F4	2/5
PCB17	Fig.2-1	LD Board (C/K)	G4	2/5
PCB18	Fig.2-8	Laser Synchronization Detector (C) [Front]	F3	2/5
PCB19	Fig.2-6	Laser Synchronization Detector (C) [Rear edge]	F3	2/5
PCB20	Fig.2-4	Laser Synchronization Detector (K) [Front]	G3	2/5
PCB21	Fig.2-2	Laser Synchronization Detector (K) [Rear edge]	G3	2/5
PCB22	Fig.2-20	LD Board (Y/M)	G4	2/5
PCB23	Fig.2-13	Polygon Motor Control Board (Y/M)	I4	2/5
PCB24	Fig.2-11	Laser Synchronization Detector (M) [Rear edge]	G3	2/5
PCB25	Fig.2-12	Laser Synchronization Detector (M) [Front]	H3	2/5
PCB26	Fig.2-18	Laser Synchronization Detector (Y) [Rear edge]	H3	2/5
PCB27	Fig.2-17	Laser Synchronization Detector (Y) [Front]	H3	2/5
Sensors				
S24	Fig.1-4	Scanner Home Position Sensor	B2	2/5
S25,26	Fig.1-7	Original Length Sensor 1/2	C3	2/5
S27	Fig.1-6	DF Position Sensor	J7	2/5
S42	Fig.3-10	Potential Sensor (Y)	I2	3/5
S43	Fig.3-12	Potential Sensor (M)	J2	3/5
S44	Fig.3-5	Potential Sensor (C)	J2	3/5
S45	Fig.3-3	Potential Sensor (K)	J2	3/5
S46	Fig.3-11	TD Sensor (Y)	A8	3/5
S47	Fig.3-13	TD Sensor (M)	C8	3/5
S48	Fig.3-4	TD Sensor (C)	D8	3/5
S49	Fig.3-2	TD Sensor (K)	F8	3/5
Motors				
M23	Fig.1-1	Scanner Drive Motor	C3	2/5
M24	Fig.2-10	Image Skew Correction Motor (C)	D3	2/5
M25	Fig.2-7	Image Skew Correction Motor (K)	E3	2/5
M26	Fig.2-3	Polygon Motor (C/K)	F3	2/5
M27	Fig.2-19	Polygon Motor (Y/M)	I3	2/5
M28	Fig.2-16	Image Skew Correction Motor (Y)	I3	2/5
M29	Fig.2-14	Image Skew Correction Motor (M)	J3	2/5
LEDs				
LED1,2	Fig.1-5	Exposure Lamp 1/2	A4,B4	2/5
Lamps				
L4	Fig.3-6	Quenching Lamp (K)	F7	3/5
L3	Fig.3-7	Quenching Lamp (C)	E7	3/5
L2	Fig.3-8	Quenching Lamp (M)	C7	3/5
L1	Fig.3-9	Quenching Lamp (Y)	B7	3/5
Heater				
H5	Fig.1-3	Scanner Anti-Condensation Heater	F10	3/5
Thermistors				
TH2	Fig.2-9	Thermistor (K)	E3	2/5
TH3	Fig.2-15	Thermistor (M)	J3	2/5
Solenoids				
SOL1	Fig.3-14	Charge Roller Cleaning Roller Lift Solenoid (Y)	I12	1/5
SOL2	Fig.3-15	Charge Roller Cleaning Roller Lift Solenoid (M)	J12	1/5
SOL3	Fig.3-16	Charge Roller Cleaning Roller Lift Solenoid (C)	J12	1/5
SOL4	Fig.3-1	Charge Roller Cleaning Roller Lift Solenoid (K)	J12	1/5
Others				
OT5	Fig.1-10	Operation Panel ^{*1}	B8	2/5
OT6	Fig.1-2	Operation Panel ^{*2}	G8	2/5
OH7	Fig.1-9	Operator Call Light ^{*1}	D7, G7	2/5

*1: For Pro C5200S/C5210S

*2: For MP C6503/C8003

MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (2/8)

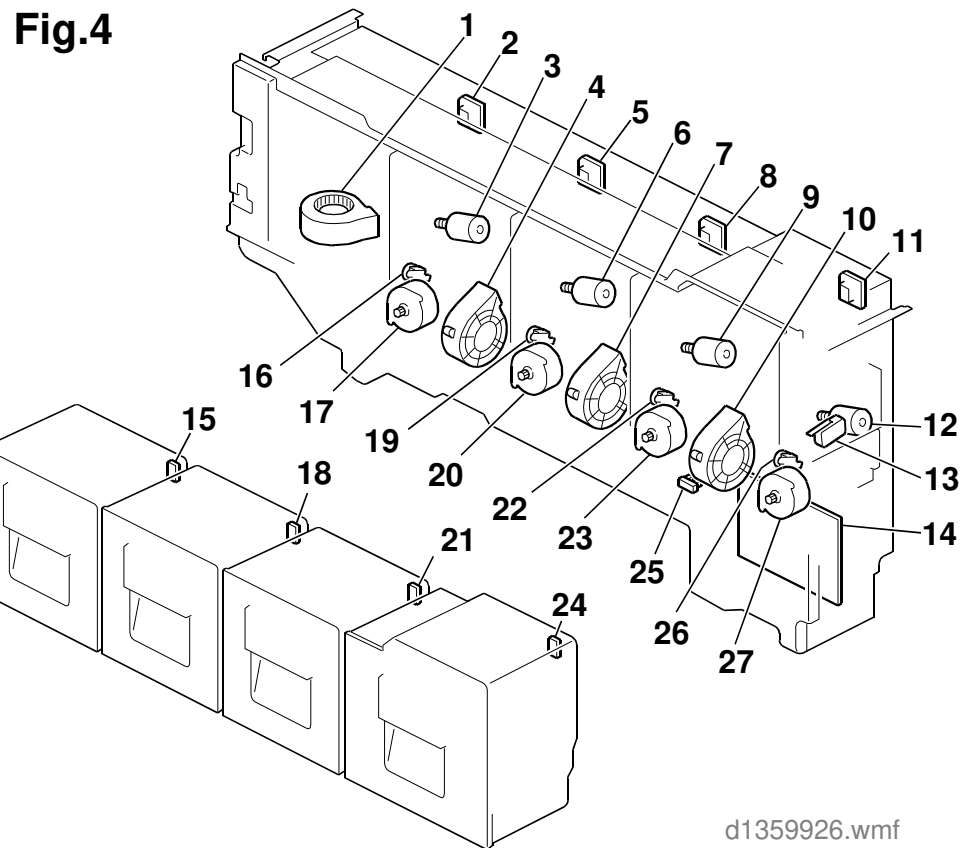


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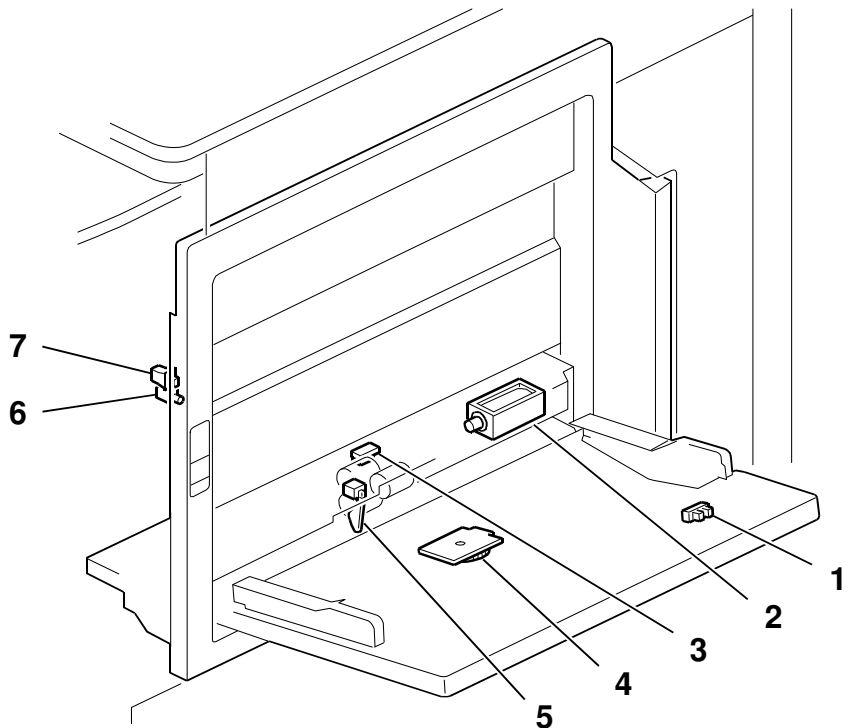
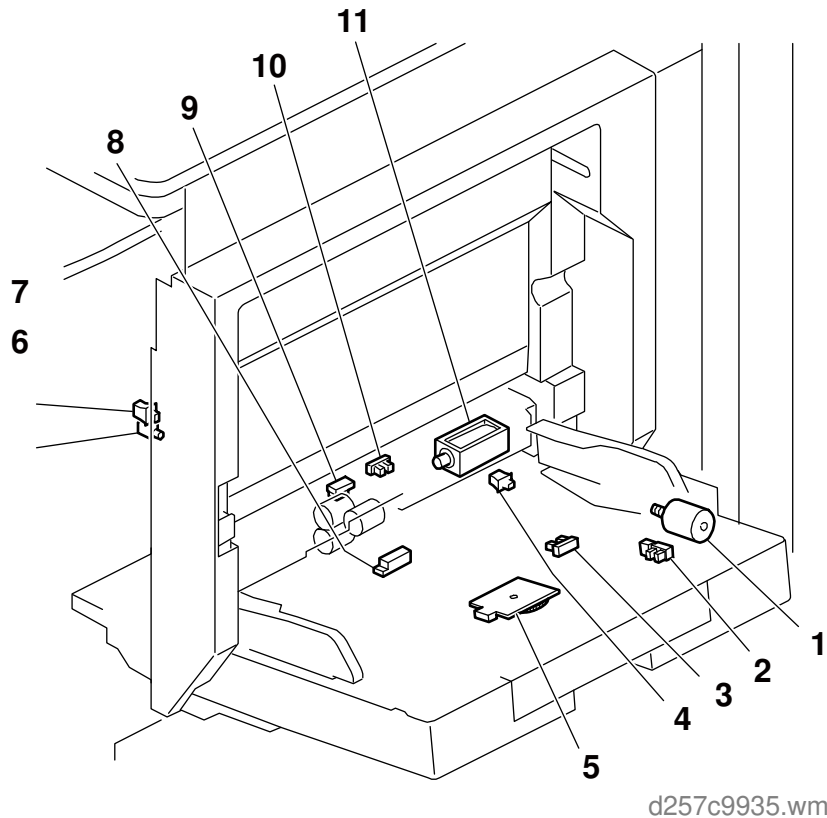


Fig.6 < D260/D261 >

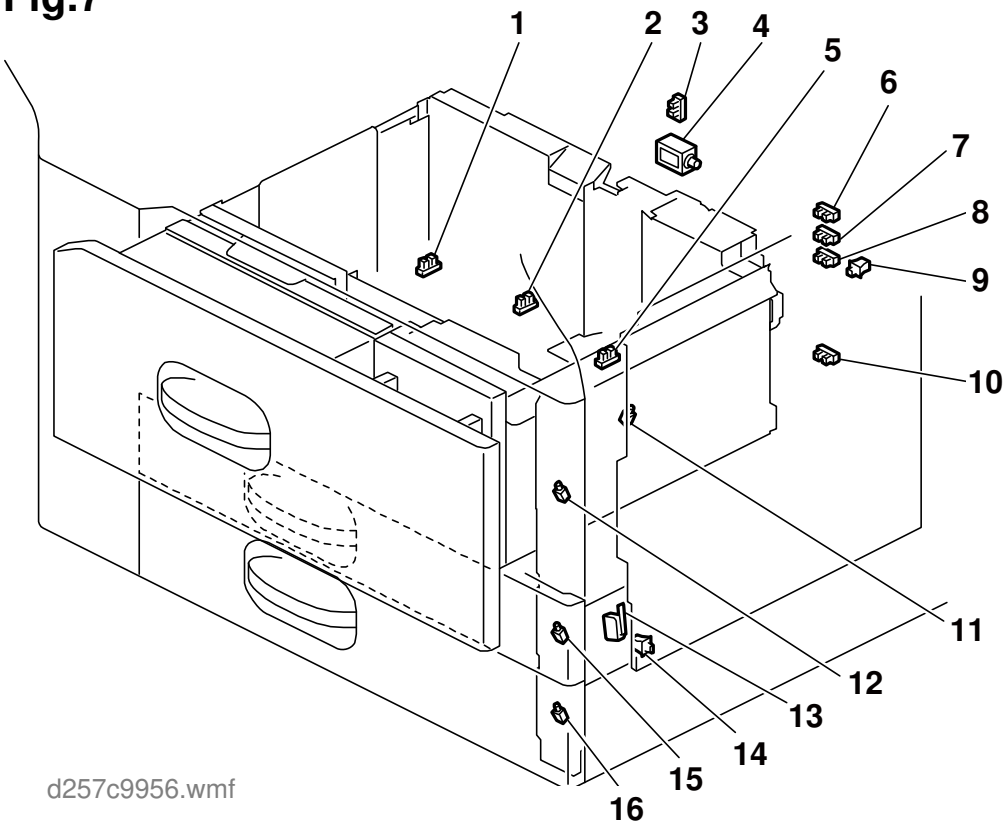


Symbol	Index No.	Description	P to P	Page
PCBs				
PCB5	Fig.4-2	ID Chip Connector Board (Y)	F5	1/5
PCB6	Fig.4-5	ID Chip Connector Board (M)	F5	1/5
PCB7	Fig.4-8	ID Chip Connector Board (C)	G5	1/5
PCB8	Fig.4-11	ID Chip Connector Board (K)	H5	1/5
PCB9	Fig.4-14	Toner Supply Board (TSB)	H7	1/5
Sensors				
S3	Fig.4-16	Toner End Sensor (Y)	F5	1/5
S4	Fig.4-19	Toner End Sensor (M)	G5	1/5
S5	Fig.4-22	Toner End Sensor (C)	G5	1/5
S6	Fig.4-26	Toner End Sensor (K)	H5	1/5
S7	Fig.4-25	ITB Cleaning Unit Set Sensor	H6	1/5
S107	Fig.6-3	Bypass Tray Lower Limit Sensor ^{*1}	G8	5/5
S108	Fig.5-5 Fig.6-8	Bypass Tray Paper End Sensor	H10	5/5
S109	Fig.5-1 Fig.6-2	Bypass Paper Length Sensor	H8	5/5
S110	Fig.5-4 Fig.6-5	Bypass Paper Width Sensor	H8	5/5
S111	Fig.5-3 Fig.6-9	Bypass Paper Feed Sensor	I8	5/5
S112	Fig.6-4	Bypass Tray Set Sensor ^{*1}	J8	5/5
S113	Fig.6-10	Bypass Tray Upper Limit Sensor ^{*1}	J8	5/5
Motors				
M3	Fig.4-3	Toner Supply Motor (Y)	E8	1/5
M4	Fig.4-6	Toner Supply Motor (M)	F8	1/5
M5	Fig.4-9	Toner Supply Motor (C)	G8	1/5
M6	Fig.4-12	Toner Supply Motor (K)	G8	1/5
M7	Fig.4-17	Sub Hopper Motor (Y)	H8	1/5
M8	Fig.4-20	Sub Hopper Motor (M)	H8	1/5
M9	Fig.4-23	Sub Hopper Motor (C)	I8	1/5
M10	Fig.4-27	Sub Hopper Motor (K)	I8	1/5
M52	Fig.6-1	Bypass Tray Lift Motor ^{*1}	G8	5/5
Fan Motors				
FAN2	Fig.4-1	Development Intake Fan (Y)	F8	1/5
FAN3	Fig.4-4	Development Intake Fan (M)	F8	1/5
FAN4	Fig.4-7	Development Intake Fan (C)	G8	1/5
FAN5	Fig.4-10	Development Intake Fan (K)	H8	1/5
LEDs				
LED3	Fig.5-6 Fig.6-6	Bypass Tray LED	I8	2/5
Solenoids				
SOL11	Fig.6-11 Fig.5-2	Bypass Pick-up Solenoid	I8	5/5
Switches				
SW1	Fig.4-13	Toner Supply Unit Front Cover Switch	H4	1/5
SW2	Fig.5-7 Fig.6-7	Bypass Tray Open Switch	I8	2/5
Others				
OT1	Fig.4-15	ID Chip (Y)	F4	1/5
OT2	Fig.4-18	ID Chip (M)	G4	1/5
OT3	Fig.4-21	ID Chip (C)	G4	1/5
OT4	Fig.4-24	ID Chip (K)	H4	1/5

*1: For Pro C5200S/C5210S

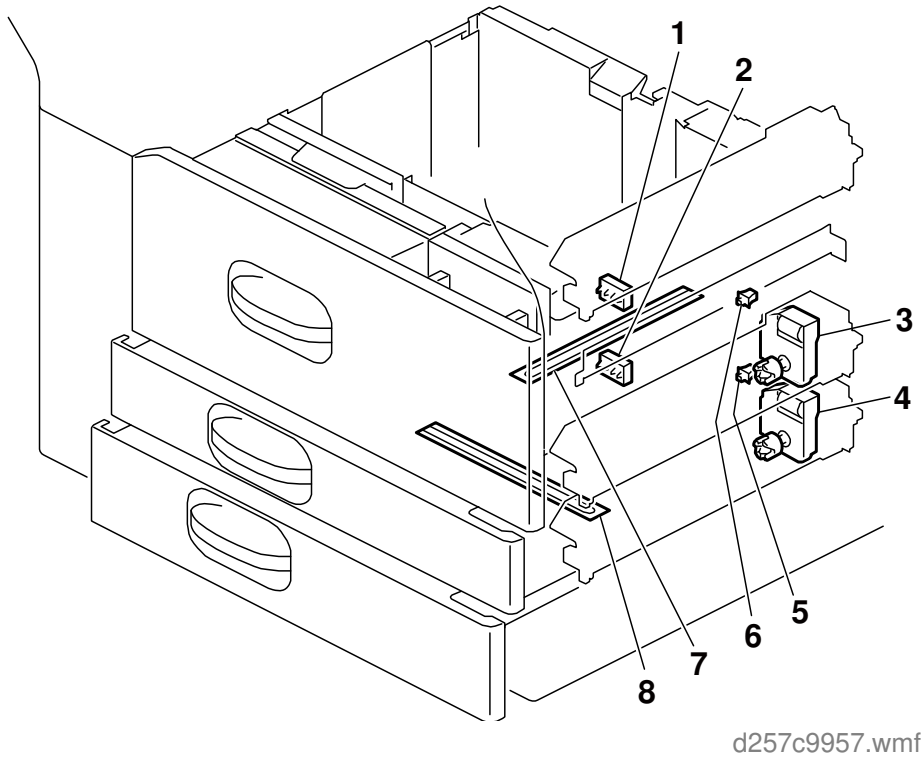
MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (3/8)

Fig.7



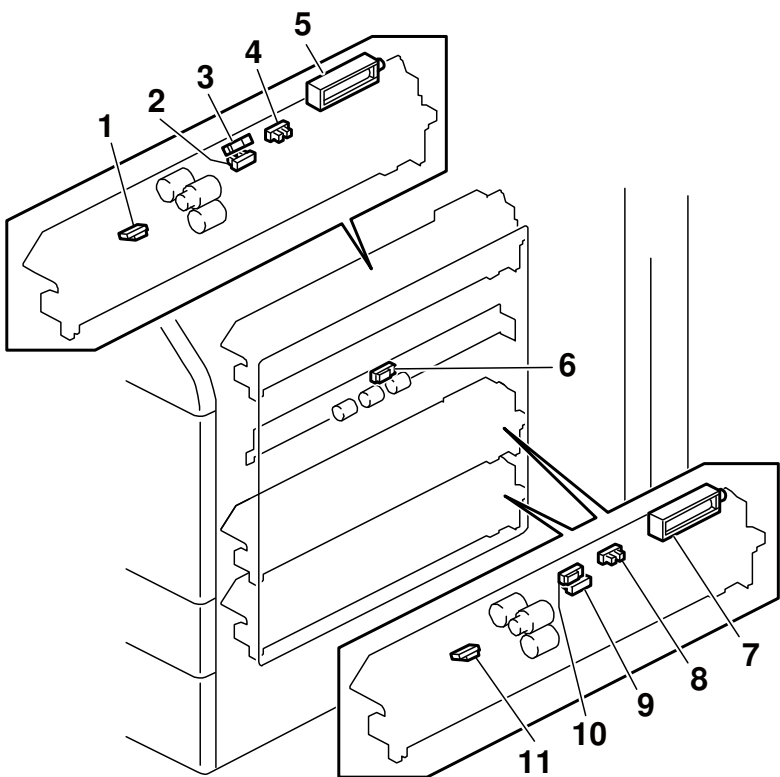
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Fig.8



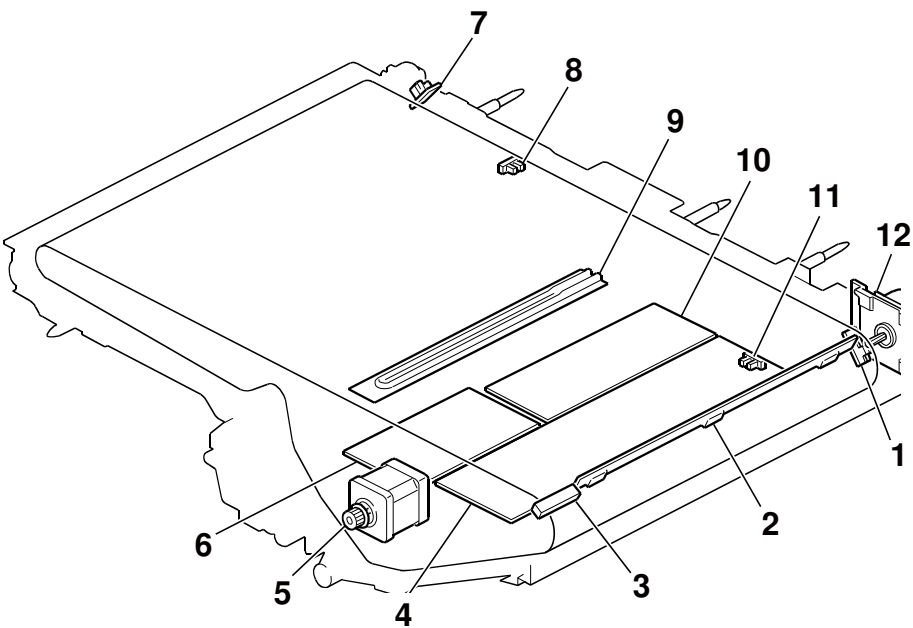
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Fig.9



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Fig.10



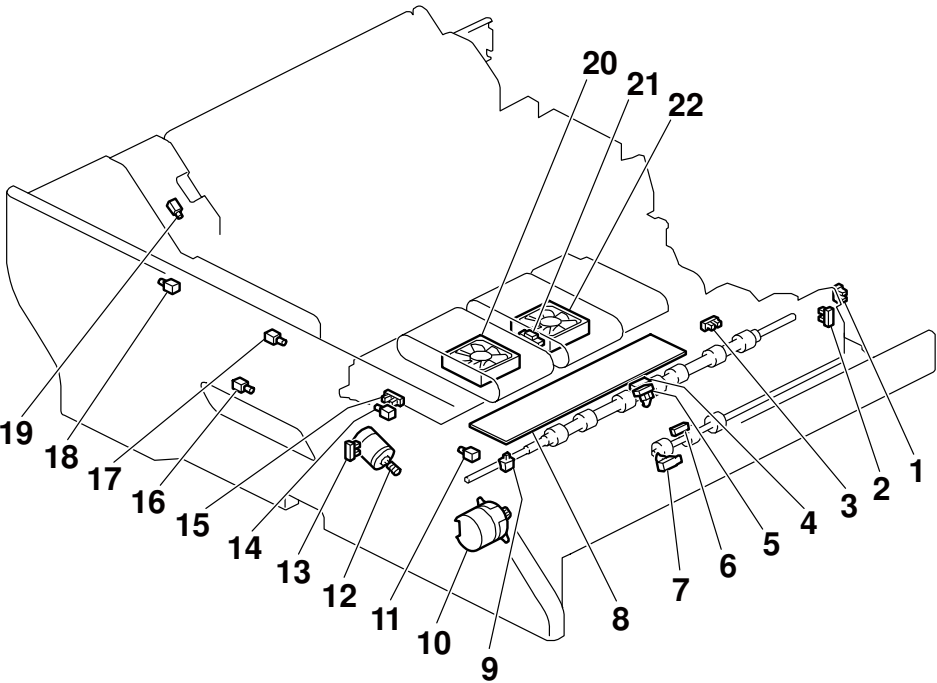
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Symbol	Index No.	Description	P to P	Page
PCBs				
PCB2	Fig.10-4	Transfer Power Pack/Separation Power Pack	D3	1/5
PCB3	Fig.10-10	AC Transfer Power Pack ^{*1}	E4	1/5
PCB4	Fig.10-6	TDRB	C7	1/5
Sensors				
S1	Fig.10-3	ITB Home Position Sensor	C5	1/5
S2	Fig.10-2	ID/MUSIC Sensors	C5	1/5
S8	Fig.10-1	ITB Drive Shaft Encoder Sensor	B8	1/5
S9	Fig.10-7	ITB Driven Shaft Encoder Sensor	C8	1/5
S10	Fig.10-8	ITB Lift (YMC) Sensor	C8	1/5
S11	Fig.10-11	PTR Separation Sensor	C8	1/5
S88	Fig.7-14	Vertical Transport Door Open Sensor	F3	5/5
S89	Fig.9-8	Paper Tray Upper Limit Sensor (Tray 2)	F3	5/5
S90	Fig.9-9	Paper End Sensor (Tray 2)	F3	5/5
S91	Fig.9-10	Transport Sensor (Tray 2)	H3	5/5
S92	Fig.9-11	Paper Feed Sensor (Tray 2)	H3	5/5
S93	Fig.9-8	Paper Tray Upper Limit Sensor (Tray 3)	I3	5/5
S94	Fig.9-9	Paper End Sensor (Tray 3)	I3	5/5
S95	Fig.9-10	Transport Sensor (Tray 3)	I3	5/5
S96	Fig.9-11	Paper Feed Sensor (Tray 3)	J3	5/5
S101	Fig.9-6	Vertical Transport Sensor	D6	5/5
S102	Fig.7-1	Rear Fence Home Position Sensor	B9	5/5
S103	Fig.7-5	Rear Fence Return Sensor	B10	5/5
S104	Fig.7-2	Left Tray Paper Sensor	B9	5/5
S105	Fig.7-3	Rear End Fence Closed Sensor	C10	5/5
S107	Fig.7-10	Tray Lower Limit Sensor	B14	5/5
S115	Fig.8-6	2nd Tray Paper Tray Set Sensor	C13	5/5
S116	Fig.8-5	3rd Tray Paper Tray Set Sensor	C13	5/5
S118	Fig.7-6	Paper Height Sensor 1	C14	5/5
S119	Fig.7-7	Paper Height Sensor 2	C14	5/5
S120	Fig.7-8	Paper Height Sensor 3	C14	5/5
S121	Fig.7-9	Right Tray Set Sensor	D14	5/5
S122	Fig.8-1	2nd Tray Paper Size Sensor	D13	5/5
S123	Fig.8-2	3rd Tray Paper Size Sensor	F13	5/5
S125	Fig.9-1	Paper Feed Sensor (Tray 1)	I15	5/5
S126	Fig.9-3	Transport Sensor (Tray 1)	I15	5/5
S127	Fig.9-2	Paper End Sensor (Tray 1)	J15	5/5
S128	Fig.9-4	Paper Tray Upper Limit Sensor (Tray 1)	J15	5/5
Motors				
M1	Fig.10-5	PTR Separation Motor	B6	1/5
M2	Fig.10-12	ITB Motor	B8	1/5
M58	Fig.8-3	2nd Tray Lift Motor	C13	5/5
M59	Fig.8-4	3rd Tray Lift Motor	C13	5/5
LEDs				
LED10	Fig.7-12	1st Tray LED ^{*1}	B3	5/5
LED12	Fig.7-15	2nd Tray LED ^{*1}	B3	5/5
LED13	Fig.7-16	3rd Tray LED ^{*1}	C3	5/5
LED14	Fig.7-11	Vertical Transport LED	C3	5/5
Heaters				
H1	Fig.10-9	Anti-condensation Heater	B5	1/5
H2	Fig.8-8	Upper Tray Heater	E10	3/5
H3	Fig.8-7	Lower Tray Heater	E10	3/5
Solenoids				
SOL7	Fig.9-7	Pick-up Solenoid (Tray 2)	H3	5/5
SOL8	Fig.9-7	Pick-up Solenoid (Tray 3)	J3	5/5
SOL10	Fig.7-4	End Fence Rear Solenoid	C10	5/5
SOL13	Fig.9-5	Pick-up Solenoid (Tray 1)	I15	5/5
Switch				
SW11	Fig.7-13	Vertical Transport Door Set Switch	E3	5/5

^{*1}: Pro C5200S/C5210S

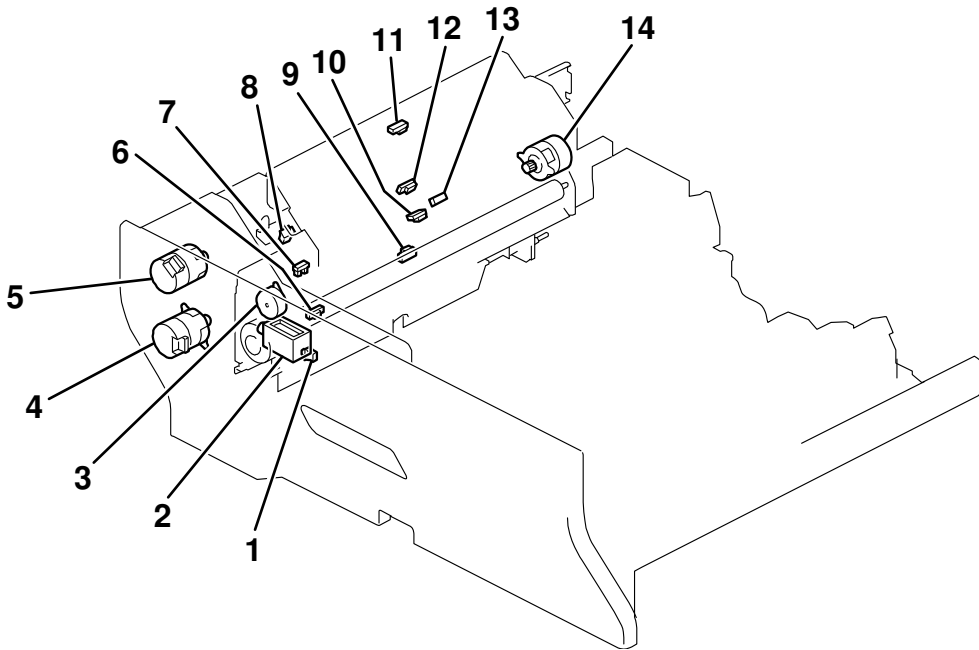
MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (4/8)

Fig.11



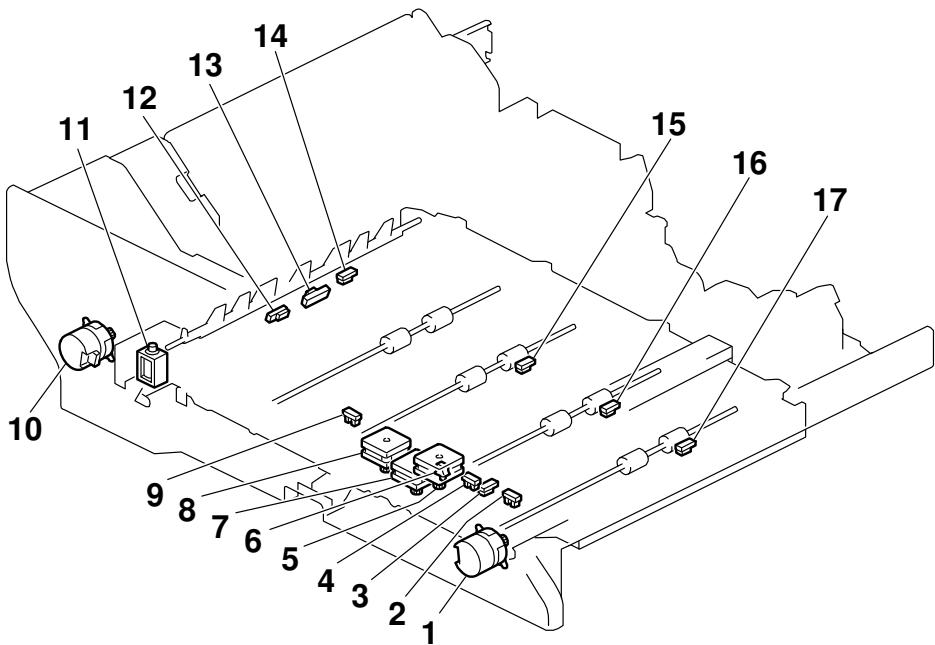
d257c9929.wmf

Fig.12



d257c9946.wmf

Fig.13



d257c9945.wmf

Symbol	Index No.	Description	P to P	Page
PCB				
PCB37	Fig.11-8	DUB	C6, E12	4/5
Sensors				
S56	Fig.11-1	Drawer Set Sensor 1	E4	4/5
S57	Fig.11-2	Drawer Set Sensor 2	E4	4/5
S58	Fig.13-3	Edge Detection Sensor	H4	4/5
S59	Fig.13-16	Duplex Unit Sensor 4	H5	4/5
S60	Fig.13-17	Duplex Exit Sensor	I4	4/5
S61	Fig.11-3	Drawer Unit Lock Sensor	I5	4/5
S62	Fig.11-21	PTB Unit Set Sensor	G8	4/5
S63	Fig.11-15	PTB Sensor	G8	4/5
S64	Fig.13-15	Duplex Unit Sensor 3	H7	4/5
S65	Fig.13-14	Duplex Unit Entrance Sensor	I7	4/5
S66	Fig.11-4	Registration Sensor	B11	4/5
S67	Fig.11-5	Bypass Tray Paper Type Sensor	C11	4/5
S68	Fig.11-6	Relay Sensor	C11	4/5
S69	Fig.11-7	Paper Type Sensor	D11	4/5
S70	Fig.13-13	Duplex Invert Sensor	D11	4/5
S71	Fig.13-12	Purge Relay Sensor	D11	4/5
S72	Fig.12-6	Fusing Exit Guide Plate Open Sensor	E11	4/5
S73	Fig.12-13	Paper Exit Relay Sensor	F11	4/5
S74	Fig.12-11	Paper Exit Sensor	F11	4/5
S75	Fig.12-9	Inverter Exit Sensor	G11	4/5
S76	Fig.12-12	Inverter Feed-out Sensor	G11	4/5
S77	Fig.12-7	Inverter Junction Gate Home Position Sensor	H11	4/5
S78	Fig.12-1	Paper Exit Left Guide Plate Sensor	H11	4/5
S79	Fig.12-8	Paper Exit Upper Guide Plate Sensor	I11	4/5
S80	Fig.12-10	Inverter Feed-in Sensor	I11	4/5
S81	Fig.11-13	Drawer Unit Flapper Sensor	D14	4/5
S82	Fig.13-2	Duplex Transport Home Position Sensor 1	D14	4/5
S83	Fig.13-6	Horizontal Feed Guide Plate Open Sensor	E14	4/5
S84	Fig.13-9	Duplex Transport Home Position Sensor 2	F14	4/5
Motors				
M38	Fig.13-5	Edge Detection Sensor Shift Motor	C8	4/5
M39	Fig.13-7	Duplex Transport Shift Motor 2	C7	4/5
M40	Fig.13-8	Duplex Transport Shift Motor 1	C8	4/5
M41	Fig.12-3	Inverter Junction Gate Motor	F8	4/5
M42	Fig.12-14	Exit Inverter Motor	F7	4/5
M43	Fig.11-10	Registration Motor	I11	4/5
M44	Fig.11-12	Drawer Unit Lock Motor	J11	4/5
M45	Fig.12-5	Exit Motor	B13	4/5
M46	Fig.12-4	Duplex Inverter Entrance Motor	B13	4/5
M47	Fig.13-1	Duplex Exit Motor	B13	4/5
M48	Fig.13-10	Duplex Transport Motor	C13	4/5
Fan Motors				
FAN28	Fig.11-22	PTB Fan (Rear)	G8	4/5
FAN29	Fig.11-20	PTB Fan (Front)	H8	4/5
LEDs				
LED4	Fig.11-18	Paper Exit Upper Guide Plate Grip LED	E11	4/5
LED5	Fig.11-11	Upper Guide Plate LED	C15	4/5
LED6	Fig.11-19	Paper Exit Upper Guide Plate LED	C15	4/5
LED7	Fig.11-17	Inverter Left Guide Plate LED	C15	4/5
LED8	Fig.11-16	Drawer Unit LED	D14	4/5
LED9	Fig.11-14	Fusing Guide Plate LED	E14	4/5
Solenoids				
SOL5	Fig.13-11	Duplex Invert Solenoid	E7	4/5
SOL6	Fig.12-2	Duplex Inverter Solenoid	E8	4/5
Switches				
SW7	Fig.11-9	Upper Guide Plate Open Switch	B11	4/5
SW8	Fig.13-4	Sensor Shift Home Position Switch	F14	4/5

MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (5/8)

Fig.14

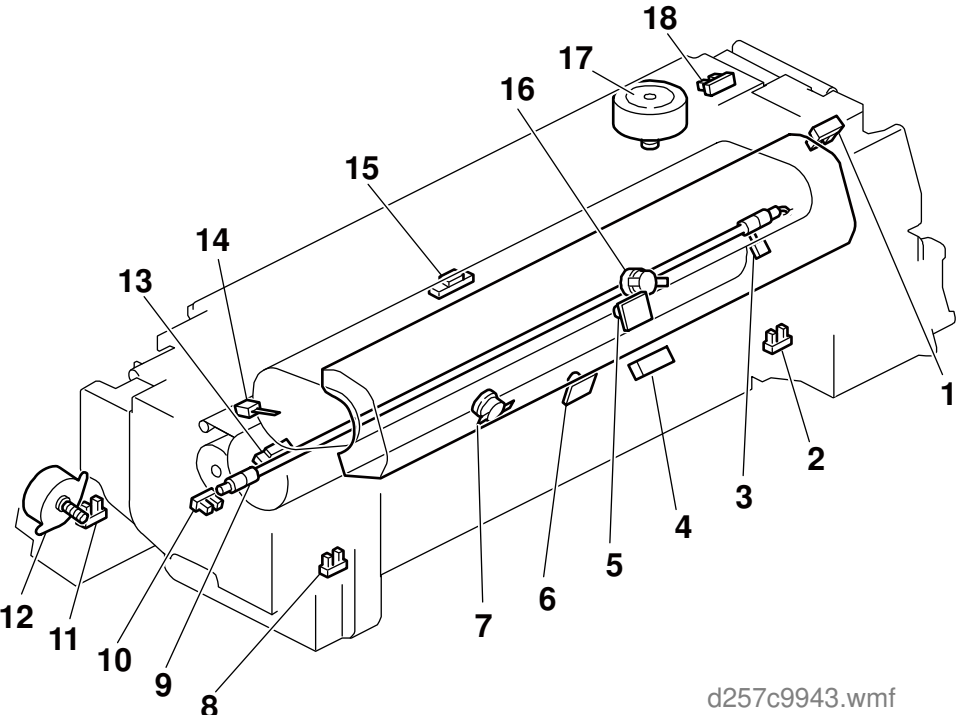


Fig.15

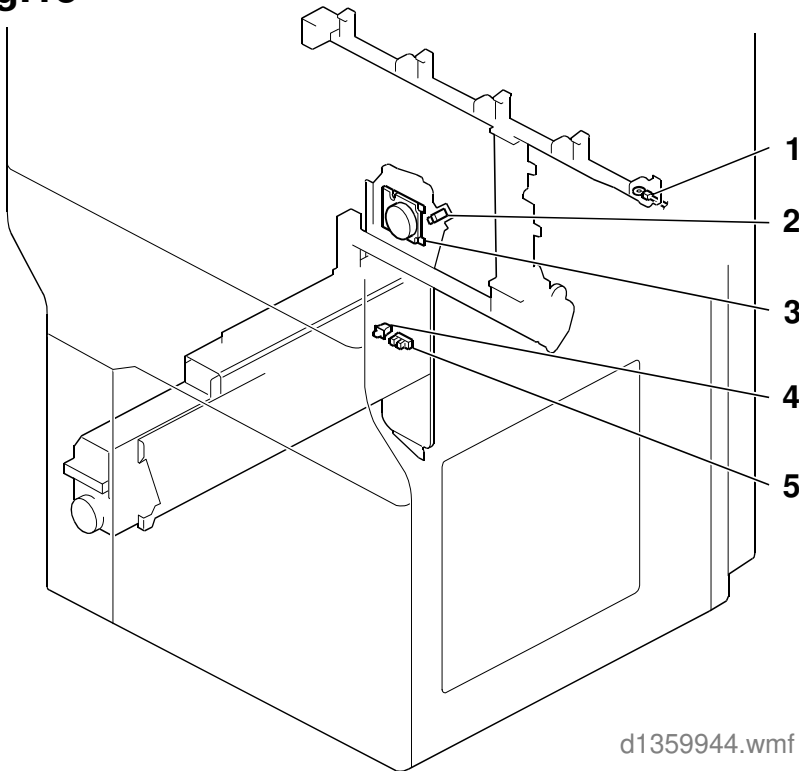
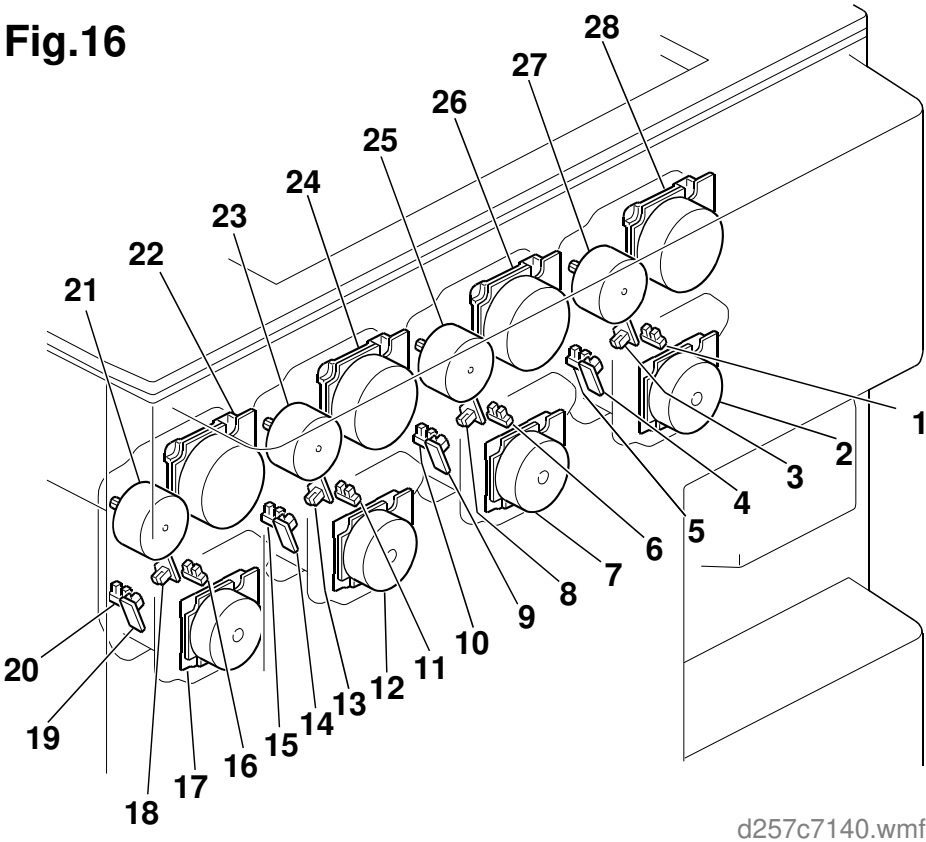


Fig.16



Symbol	Index No.	Description	P to P	Page
Sensors				
S12	Fig.15-4	Waste Toner Bottle Set Sensor	D9	1/5
S13	Fig.15-3	Waste Toner Bottle Motor Sensor	E9	1/5
S14	Fig.15-5	Waste Toner Near Full Sensor	E9	1/5
S18	Fig.16-1	Development Roller Home Position Sensor (Y) ^{*1}	G15	1/5
S19	Fig.16-6	Development Roller Home Position Sensor (M) ^{*1}	H15	1/5
S20	Fig.16-11	Development Roller Home Position Sensor (C) ^{*1}	H15	1/5
S21	Fig.16-16	Development Roller Home Position Sensor (K) ^{*1}	I15	1/5
S22	Fig.14-4	Fusing Entrance Sensor	I15	1/5
S23	Fig.14-5	Thermopile (Heating Roller)	J15	1/5
S30	Fig.16-3	Drum Encoder Sensor (Y2)	E3	3/5
S31	Fig.16-4	Drum Encoder Sensor (Y1)	F3	3/5
S32	Fig.16-5	Drum Home Position Sensor (Y)	F3	3/5
S33	Fig.16-8	Drum Encoder Sensor (M2)	F3	3/5
S34	Fig.16-9	Drum Encoder Sensor (M1)	G3	3/5
S35	Fig.16-10	Drum Home Position Sensor (M) ^{*1}	G3	3/5
S36	Fig.16-13	Drum Encoder Sensor (C2)	G3	3/5
S37	Fig.16-14	Drum Encoder Sensor (C1)	H3	3/5
S38	Fig.16-15	Drum Home Position Sensor (C)	H3	3/5
S39	Fig.16-18	Drum Encoder Sensor (K2)	H3	3/5
S40	Fig.16-19	Drum Encoder Sensor (K1)	I3	3/5
S41	Fig.16-20	Drum Home Position Sensor (K) ^{*1}	I3	3/5
S50	Fig.14-15	Fusing Paper Feed Sensor	H14	3/5
S51	Fig.14-2	Pressure Roller Sensor (Rear)	I13	3/5
S52	Fig.14-8	Pressure Roller Sensor (Front)	I13	3/5
S53	Fig.14-6	Thermopile (Pressure Roller)	I14	3/5
S54	Fig.14-18	Fusing Belt Smoothing Roller Contact Sensor ^{*1}	J15	3/5
S55	Fig.14-1	Heating Roller Rotation Sensor	J15	3/5
S85	Fig.14-10	Cleaning Web End Sensor ^{*1}	I13	4/5
S86	Fig.14-13	Cleaning Web Set Sensor ^{*1}	I14	4/5
S87	Fig.14-11	Cleaning Web Contact Sensor ^{*1}	J15	3/5
Motors				
M14	Fig.15-2	Waste Toner Transport Motor	D9	1/5
M18	Fig.16-28	Development Motor (Y)	C14	1/5
M19	Fig.16-26	Development Motor (M)	C14	1/5
M20	Fig.16-24	Development Motor (C)	C14	1/5
M21	Fig.16-22	Development Motor (K)	D14	1/5
M30	Fig.16-27	Drum Cleaning Motor (Y)	B3	3/5
M31	Fig.16-25	Drum Cleaning Motor (M)	B3	3/5
M32	Fig.16-23	Drum Cleaning Motor (C)	B3	3/5
M33	Fig.16-21	Drum Cleaning Motor (K)	C3	3/5
M34	Fig.16-2	Drum Motor (Y)	C3	3/5
M35	Fig.16-7	Drum Motor (M)	D3	3/5
M36	Fig.16-12	Drum Motor (C)	D3	3/5
M37	Fig.16-17	Drum Motor (K)	E3	3/5
M49	Fig.14-12	Cleaning Web Motor ^{*1}	H13	4/5
M50	Fig.14-17	Cleaning Web Contact Motor ^{*1}	J14	4/5
Lamp				
L5	Fig.14-9	Pressure Roller Fusing Lamp	G14	3/5
Thermistors				
TH4	Fig.14-14	Thermistor (Hot Roller Shaft) ^{*1}	H14	3/5
TH5	Fig.14-3	Thermistor (Fusing Belt)	J13	3/5
-	Fig.15-1	Waste Toner Path Thermistor	-	-
Thermostats				
TS1	Fig.14-7	Thermostat (Pressure Roller)	G14	3/5
TS2	Fig.14-16	Thermostat (Heating Roller)	H14	3/5

*1: For Pro C5200S/C5210S

MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (6/8)

Fig.17

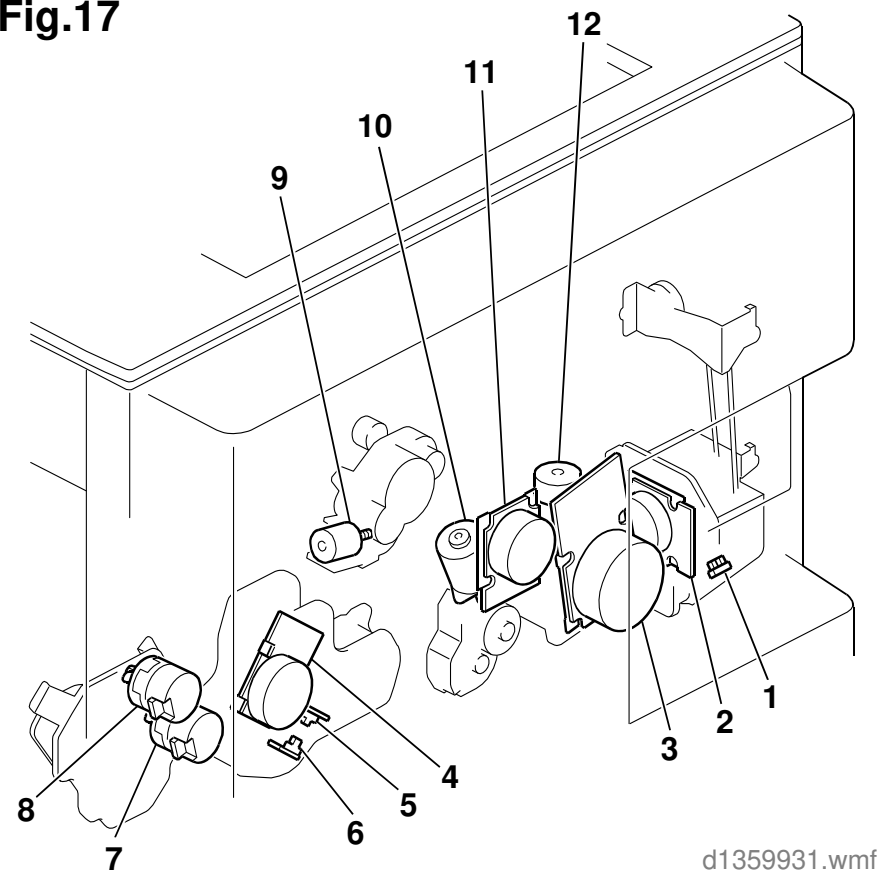


Fig.18

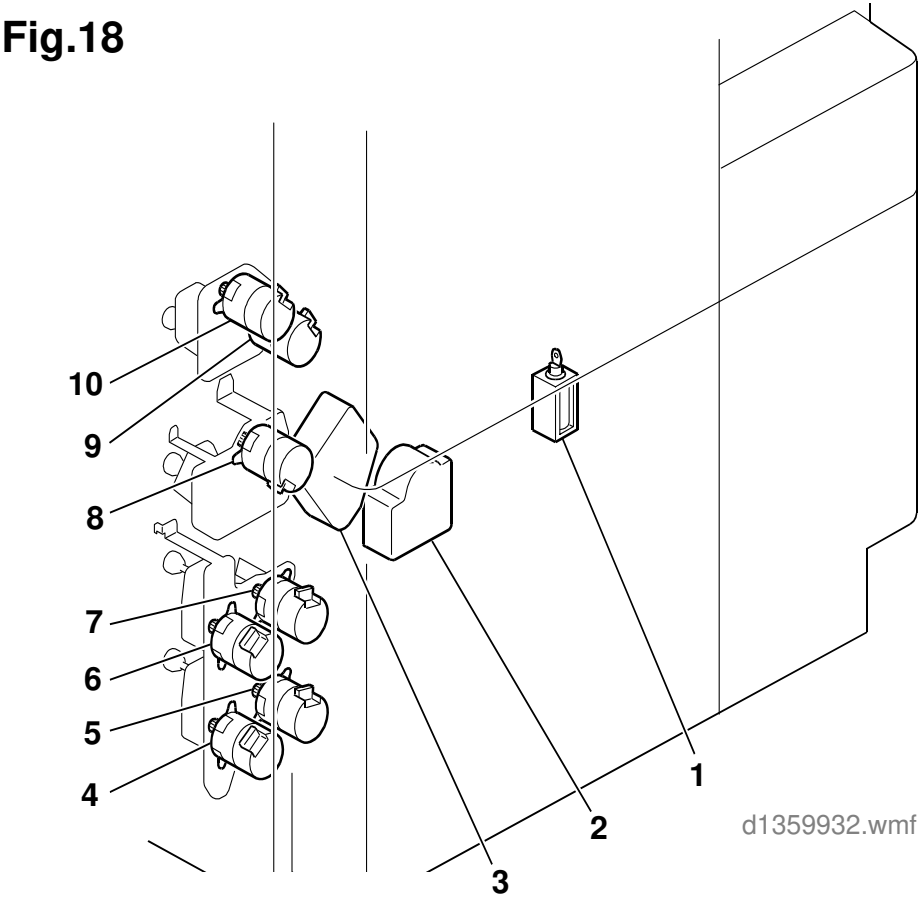


Fig.19

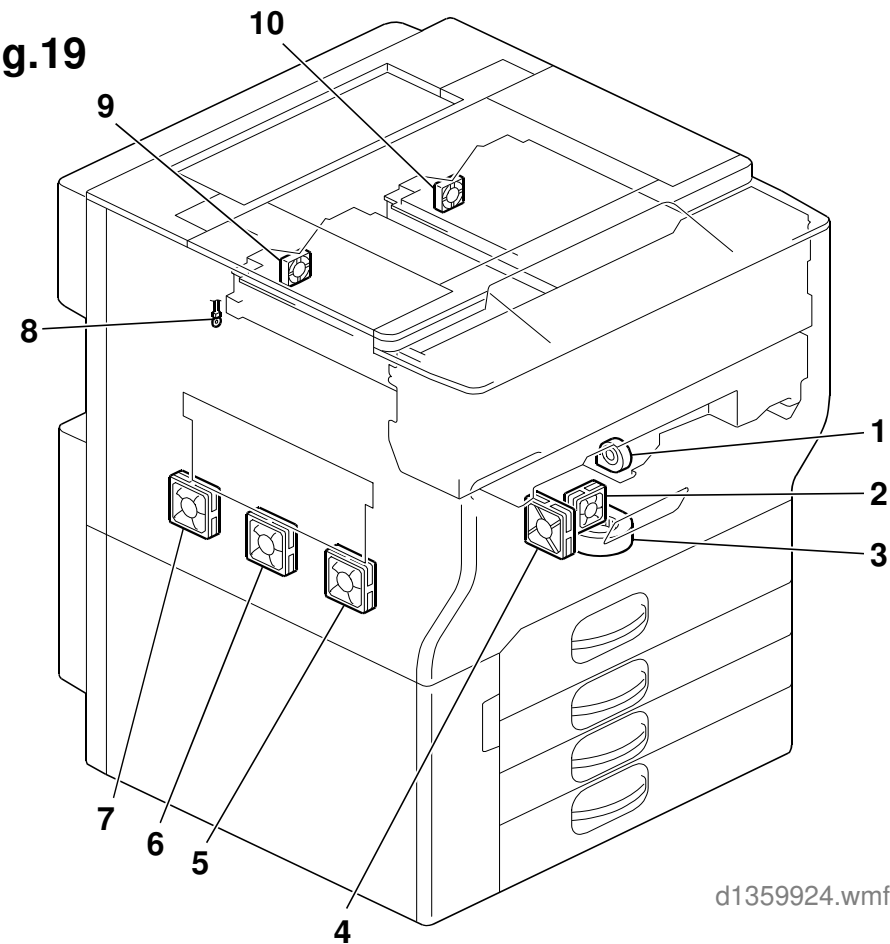
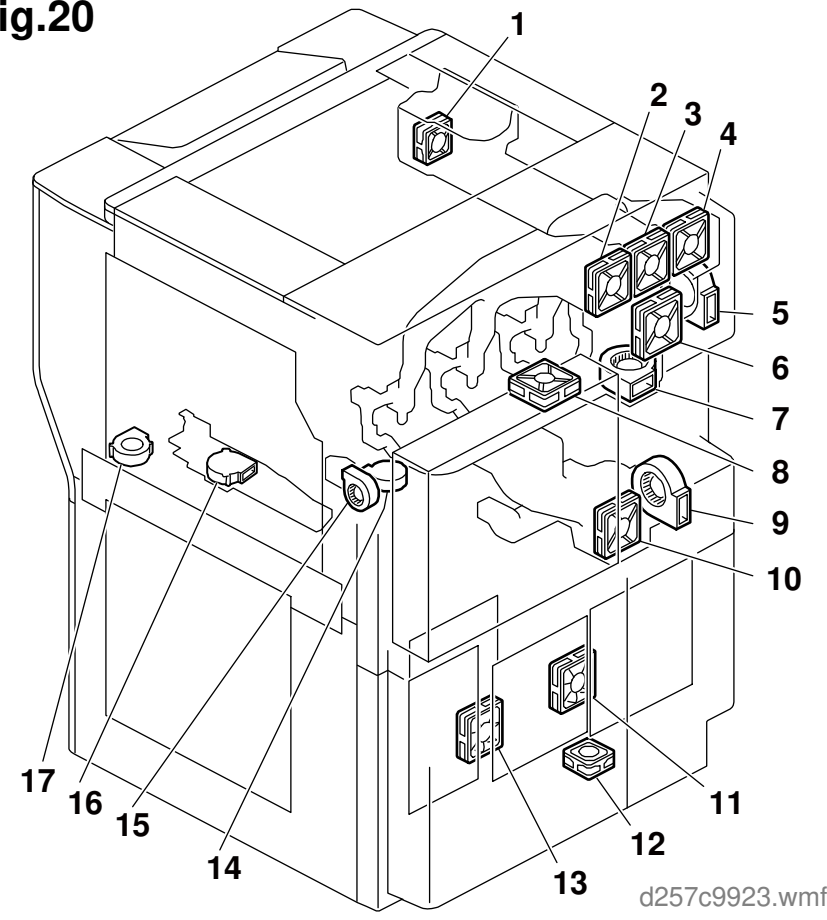


Fig.20



Symbol	Index No.	Description	P to P	Page
Sensors				
S15	Fig.17-1	Waste Toner Lock Sensor	E11	1/5
S16	Fig.17-5	PTR Encoder Sensor 2	B14	1/5
S17	Fig.17-6	PTR Encoder Sensor 1	B14	1/5
Motors				
M11	Fig.17-11	Fusing Belt Smoothing Roller Drive Motor ^{*1}	B12	1/5
M12	Fig.17-12	Fusing Belt Smoothing Roller Contact Motor ^{*1}	B11	1/5
M13	Fig.17-10	Fusing Release Motor	B10	1/5
M15	Fig.17-2	Waste Toner Collection Motor	D11	1/5
M16	Fig.17-4	PTR Motor	A14	1/5
M17	Fig.17-9	ITB Lift Motor	B14	1/5
M22	Fig.17-3	Fusing Drive Motor	D14	1/5
M53	Fig.17-7	Relay Motor	I11	5/5
M54	Fig.17-8	Bypass Feed Motor	J11	5/5
M55	Fig.18-9	1st Paper Feed Motor	J11	5/5
M56	Fig.18-10	1st Transport Motor	J11	5/5
M60	Fig.18-3	1st Tray Lift Motor	E13	5/5
M61	Fig.18-2	Rear Fence Drive Motor	F13	5/5
M63	Fig.18-8	Vertical Transport Motor	H13	5/5
M64	Fig.18-7	2nd Paper Feed Motor	H13	5/5
M66	Fig.18-5	3rd Paper Feed Motor	H13	5/5
M65	Fig.18-6	2nd Transport Motor	I13	5/5
M67	Fig.18-4	3rd Transport Motor	I13	5/5
Fan Motors				
FAN1	Fig.19-1	ITB Cleaning Intake Fan	I5	1/5
FAN6	Fig.20-9	Fusing Pressure Roller Exhaust Fan ^{*1}	A11	1/5
FAN7	Fig.20-15	ID Sensor Cleaning Fan	G11	1/5
FAN8	Fig.20-14	ITB Motor Cooling Fan	G11	1/5
FAN9	Fig.20-8	Controller Exhaust Fan	G11	1/5
FAN10	Fig.19-10	Laser Unit Cooling Fan (Right)	I11	1/5
FAN11	Fig.19-9	Laser Unit Cooling Fan (Left)	I11	1/5
FAN12	Fig.19-7	Duplex Exhaust Fan (Rear)	D15	1/5
FAN13	Fig.19-6	Duplex Exhaust Fan (Middle)	E15	1/5
FAN14	Fig.19-5	Duplex Exhaust Fan (Front)	E15	1/5
FAN15	Fig.20-4	Heat Pipe Panel Exhaust Fan	E15	1/5
FAN16	Fig.20-10	PTR Fusing Exhaust Fan	F15	1/5
FAN17	Fig.20-7	Ozone Exhaust Fan	F15	1/5
FAN18	Fig.20-5	Fusing Exit Exhaust Fan	F15	1/5
FAN19	Fig.20-6	Drive Exhaust Fan	G15	1/5
FAN20	Fig.20-2	Development Exhaust Fan (Right)	G15	1/5
FAN21	Fig.20-3	Development Exhaust Fan (Left)	G15	1/5
FAN22	Fig.20-1	Heat Pipe Panel Intake Fan	J8	2/5
FAN23	Fig.20-13	PSU Fan (Right)	H9	3/5
FAN24	Fig.20-11	PSU Fan (Left)	H9	3/5
FAN25	Fig.20-12	IH Coil Power Cooling Fan	F13	3/5
FAN26	Fig.19-4	Fusing Heat Pipe Cooling Fan	D7	4/5
FAN27	Fig.19-2	IH Coil Cooling Fan	D7	4/5
FAN30	Fig.20-16	Paper Transfer Belt Cooling Fan (Front)	G14	4/5
FAN31	Fig.20-17	Paper Transfer Belt Cooling Fan (Rear)	G14	4/5
FAN32	Fig.19-3	Fusing Pressure Roller Intake Fan ^{*1}	H13	4/5
Thermistor				
TH1	Fig.19-8	Machine Temperature Thermistor	G11	1/5
Solenoid				
SOL12	Fig.18-1	Left Tray Lock Solenoid	E13	5/5

^{*1}: For Pro C5200S/C5210S

MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (7/8)

Fig.21

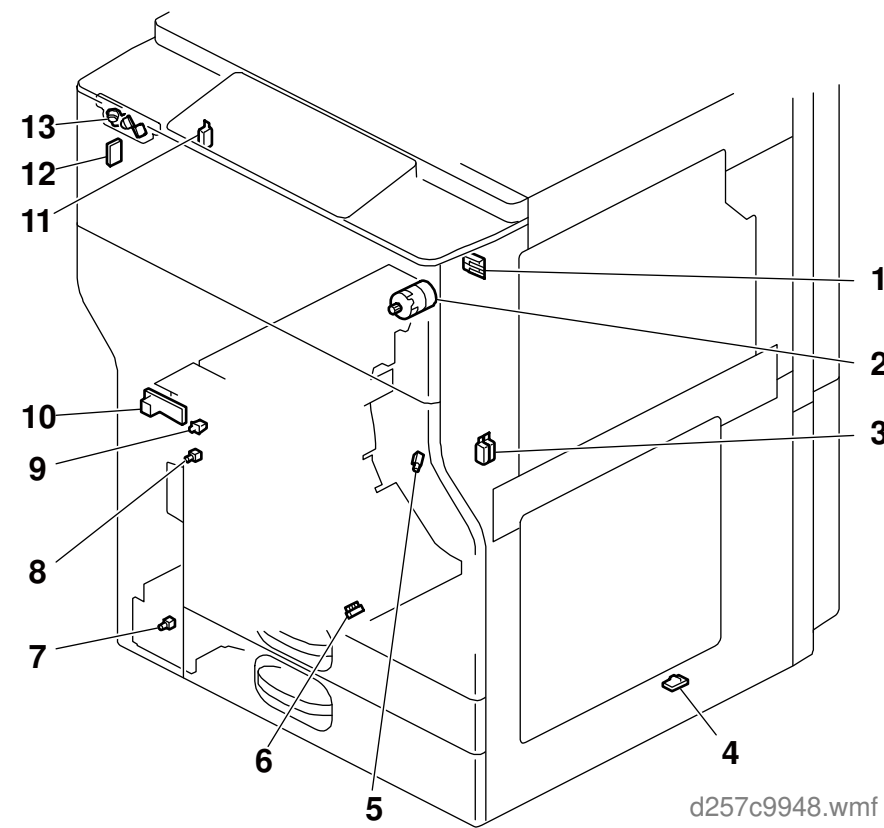
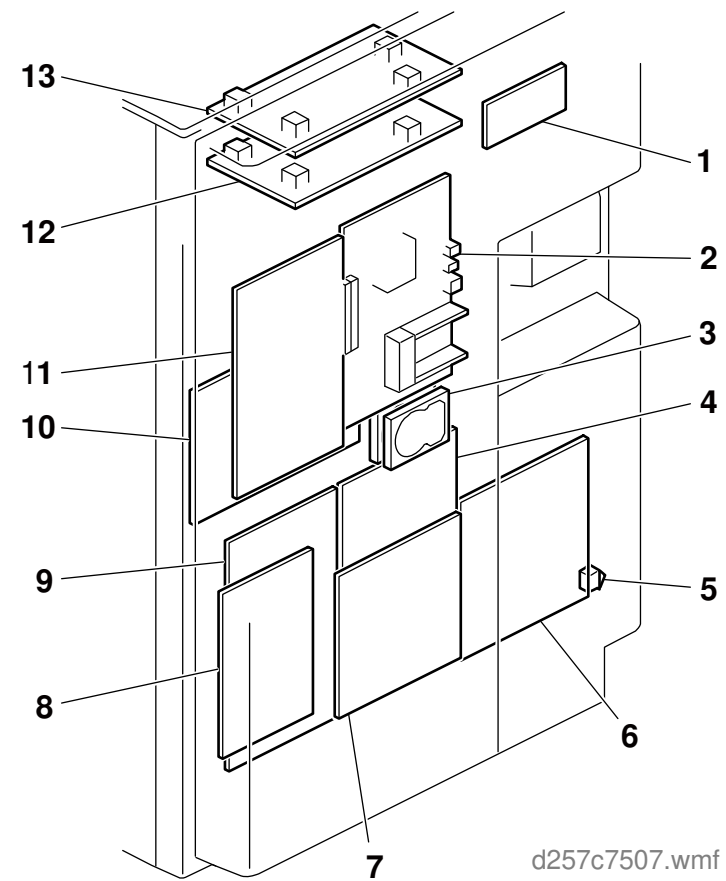


Fig.22

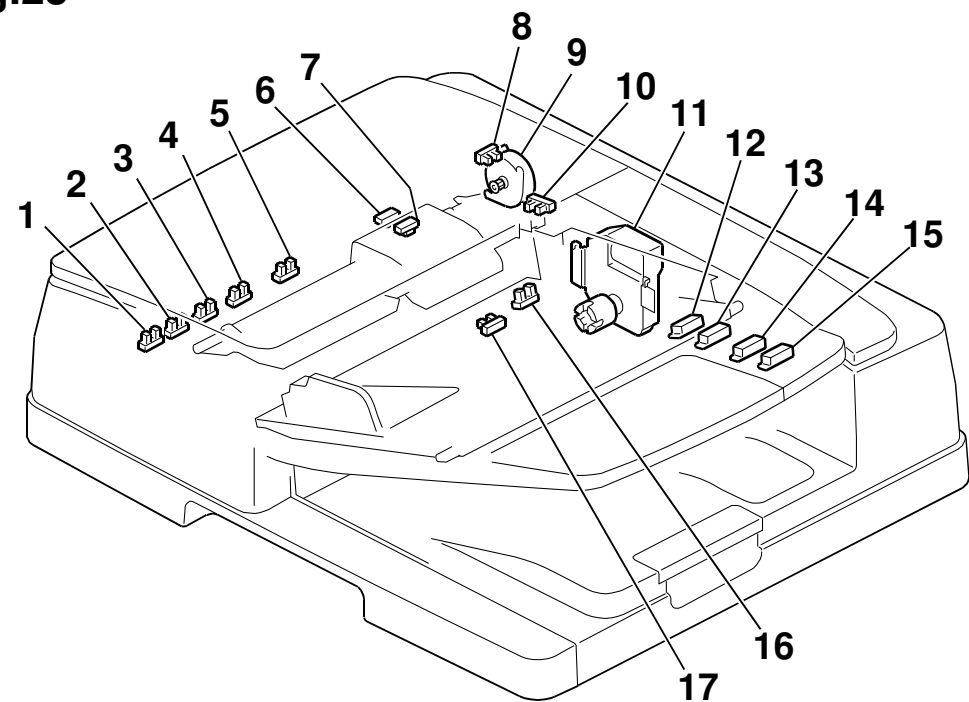


Symbol	Index No.	Description	P to P	Page
PCBs				
PCB1	Fig.22-10	IOB	F1,F4,G13	1/5
PCB10,11	Fig.22-13	Combined High-Voltage Power Supply Board (MY)	J4,K4	1/5
PCB12,13	Fig.22-12	Combined High-Voltage Power Supply Board (KC)	J4,K4	1/5
PCB14	Fig.22-11	BICU	B2,F6	2/5
PCB30	Fig.22-2	Controller Board	C12	2/5
PCB31	Fig.22-1	Potential Sensor Board	J3	3/5
PCB32	Fig.22-6	AC Drive Board	D11	3/5
PCB33	Fig.22-4	PSU2	B14	3/5
PCB34	Fig.22-9	PSU1	E14	3/5
PCB35	Fig.22-7	IH Inverter	I11	3/5
PCB36	Fig.22-8	PFB	C2,E5,E12	4/5
PCB39	Fig.21-10	LSB	F10	5/5
Sensors				
S97	Fig.21-4	ITB Temperature/Humidity Sensor	A6	5/5
S106	Fig.21-6	Purged Paper Sensor	D10	5/5
S28,29	Fig.21-13	Proximity Sensor 1/2	S28,S29	2/5
-	Fig.21-11	Faceplate Set Sensor ^{*1}	-	-
Motor				
M51	Fig.21-2	Duplex Inverter Motor	C11	5/5
LEDs				
SW3	Fig.21-12	Main Power Switch	J8	2/5
SW4	Fig.22-5	Anti-Condensation Heater Switch	E11	3/5
SW5,6	Fig.21-1	Toner Supply Unit Safety Switch 1/2 ^{*1}	E15	3/5
SW9,10	Fig.21-3	Drawer Safety Switch 1/2	D2,E2	5/5
LED15	Fig.21-5	Purge Tray LED	D10	5/5
LED16	Fig.21-7	Lower Guide Plate LED	E10	5/5
LED17	Fig.21-8	Left Lower Door LED	F10	5/5
Switch				
SW12	Fig.21-9	Front Lower Cover SW	F10	5/5
HDDs				
HDD1,2	Fig.22-3	HDD1/2	B11,C11	2/5

*1: For Pro C5200S/C5210S

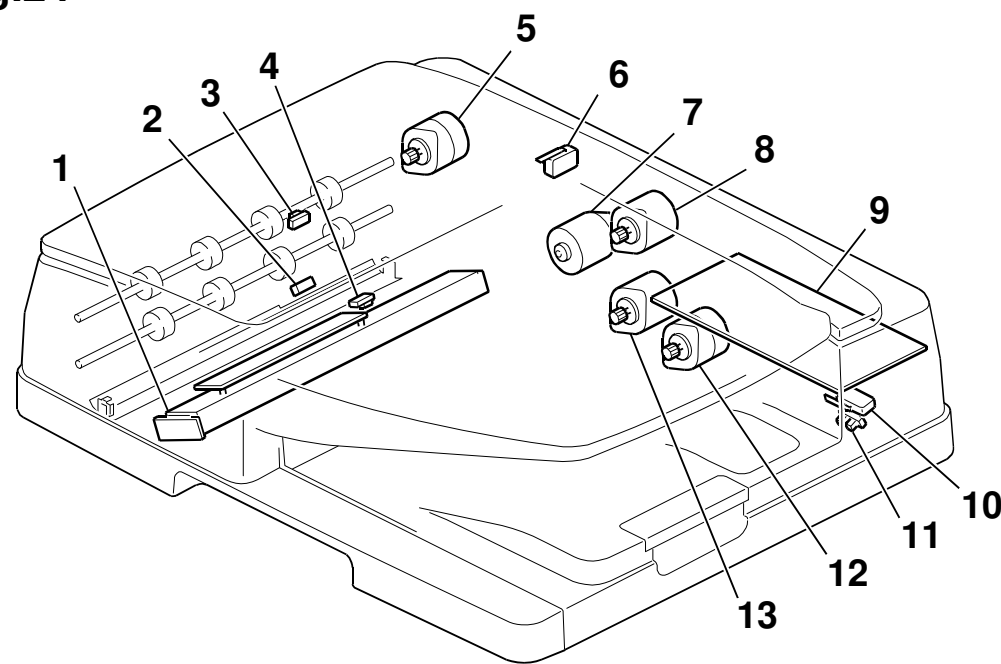
MP C6503,C8003 / Pro C5200S,C5210S ELECTRICAL COMPONENT LAYOUT (8/8) ADF

Fig.23



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Fig.24



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Symbol	Index No.	Description	P to P	Page
Sensors				
S1	Fig.23-1	Original Width Sensor 5	A2	5/5
S2	Fig.23-2	Original Width Sensor 4	A2	5/5
S3	Fig.23-3	Original Width Sensor 3	B2	5/5
S4	Fig.23-4	Original Width Sensor 2	B2	5/5
S5	Fig.23-5	Original Width Sensor 1	B2	5/5
S6	Fig.23-7	Skew Correction Sensor	C2	5/5
S7	Fig.23-6	Seperation Sensor	D2	5/5
S8	Fig.23-10	Pick-up Roller HP Sensor	D2	5/5
S9	Fig.23-8	Bottom Plate Position Sensor	D2	5/5
S10	Fig.24-2	Interval Sensor	D2	5/5
S11	Fig.24-4	Original Exit Sensor	E2	5/5
S12	Fig.24-3	Original Registration Sensor	E2	5/5
S13	Fig.24-11	Lift-Up Sensor	A9	5/5
S14	Fig.23-15	Original Length Sensor (LG)	A9	5/5
S15	Fig.23-14	Original Length Sensor (A4)	B9	5/5
S16	Fig.23-13	Original Length Sensor (B5)	B9	5/5
S17	Fig.23-17	Bottom Plate HP Sensor	B9	5/5
S18	Fig.23-16	Original Set Sensor	B9-C9	5/5
S19	Fig.23-12	Original Length Sensor (A4/LT)	C9	5/5
S20	Fig.24-1	CIS	F2	5/5
Motors				
M1	Fig.23-9	ADF Pick-up Roller Lift Motor	B2	5/5
M2	Fig.24-5	ADF Transport Motor	C2	5/5
M3	Fig.24-7	ADF Feed Motor	C9	5/5
M4	Fig.24-8	ADF Entrance Motor	D9	5/5
M5	Fig.24-13	ADF Scanning Motor	D9	5/5
M6	Fig.24-12	ADF Exit Motor	E9	5/5
M7	Fig.23-11	ADF Bottom Plate Lift Motor	E9	5/5
Switches				
SW1	Fig.24-6	ADF Feed Cover Interlock Switch	F9	5/5
SW2	Fig.24-10	ADF Lift-Up Interlock Switch	F9	5/5
PCB				
PCB1	Fig.24-9	ADF Control Board	D5-D6	5/5