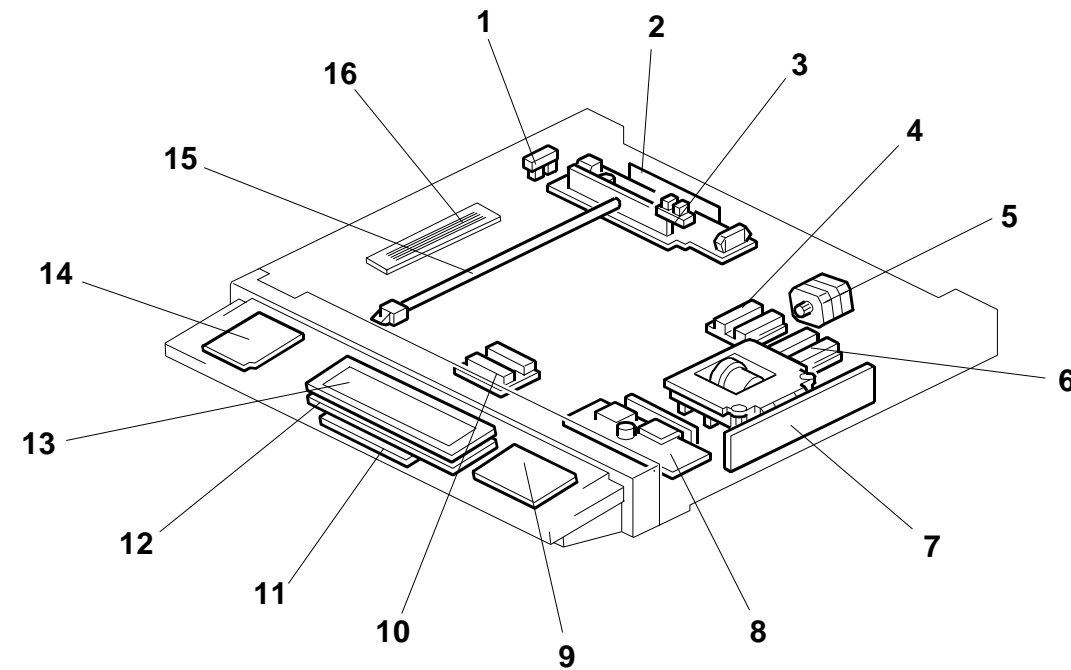
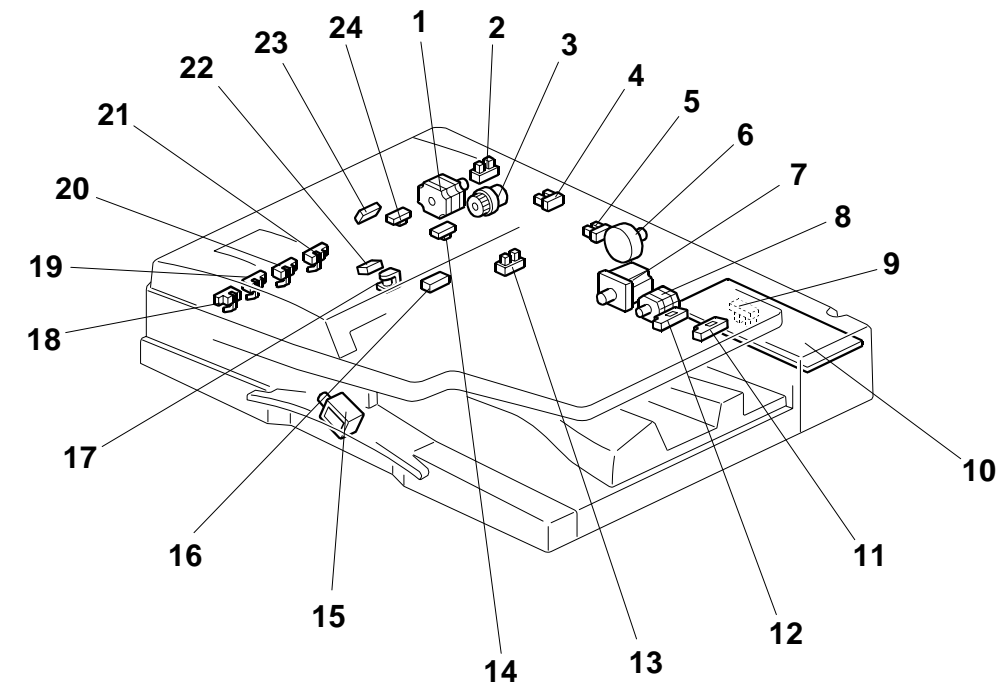


CF EXPANDER (G570) / ARDF (G564) ELECTRICAL COMPONENT LAYOUT



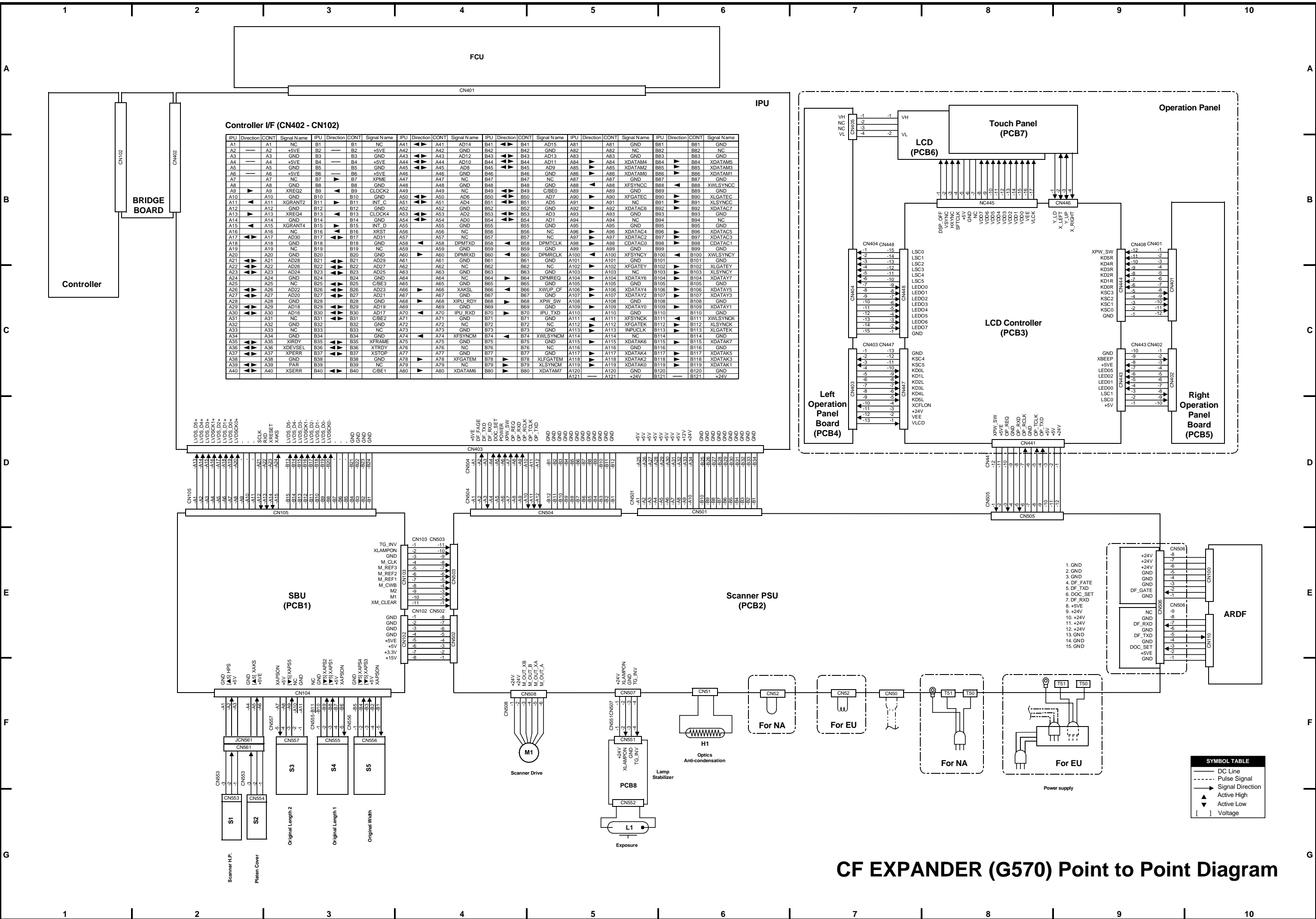
CF EXPNADER (G570)

Symbol	Name	Index No.	P to P
Sensor			
S1	Scanner Home Position	1	G2
S2	Platen Cover	3	G2
S3	Original Length 1	4	F3
S4	Original Length 2	6	F3
S5	Original Width	10	F3
PCBs			
PCB1	SBU (Sensor Board Unit)	7	E3
PCB2	Scanner PSU (Power Supply Unit)	2	E6
PCB3	LCD Controller	11	C8
PCB4	Right Operation Panel Board	9	D10
PCB5	Left Operation Panel Board	14	D7
PCB6	LCD	12	B8
PCB7	Touch Panel	13	A8
PCB8	Lamp Stabilizer	8	F5
Motor			
M1	Scanner Drive	5	F4
Lamp			
L1	Exposure	15	G5
Heater			
H1	Optics Anti-condensation (Option)	16	F6



ARDF (G564)

Symbol	Name	Index No.	P to P
Motors			
M1	Pick-up	6	C7
M2	Feed	1	A7
M3	Transport	7	B7
M4	Inverter	8	C7
Sensors			
S1	Top cover	2	C2
S2	Pick-up HP	4	E2
S3	Original stopper HP	5	E2
S4	Lift	9	E2
S5	Original length 2	11	F2
S6	Original length 1	12	F2
S7	Original set	13	E7
S8	Skew correction	14	D2
S9	Inverter	16	E7
S10	Original Width 1	21	D2
S11	Original Width 2	20	C2
S12	Original Width 3	19	C2
S13	Original Width 4	18	C2
S14	Exit	22	E2
S15	Registration	23	D2
S16	Interval	24	D2
Solenoid			
SOL1	Inverter	15	D7
SOL2	Stamp	17	D7
Electrical Clutch			
CL1	Skew correction roller	3	E7
PCB			
PCB1	ARDF control board	10	F5



Controller I/F (CN402 - CN102)

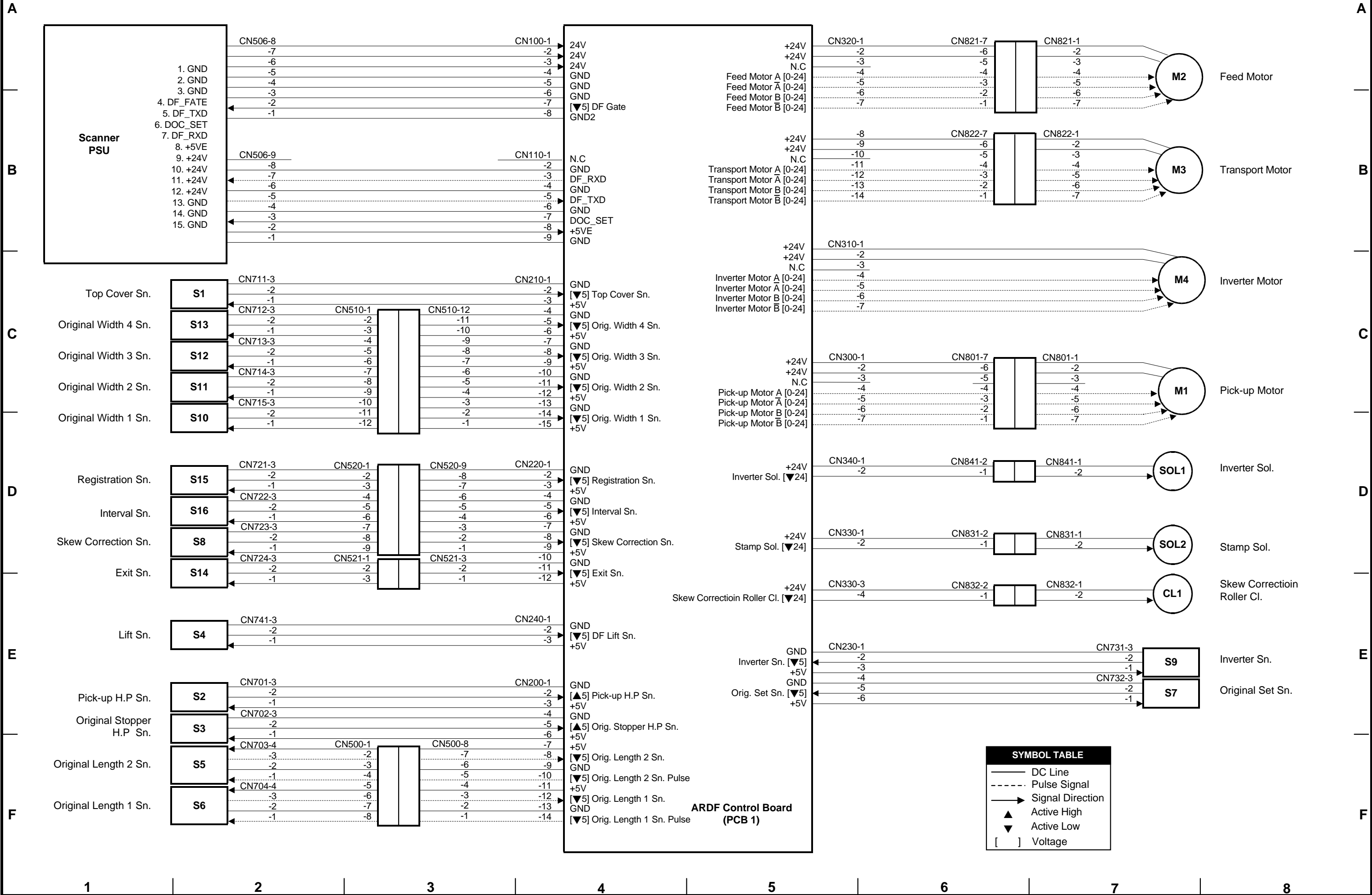
IPU	Direction	CONT	Signal Name	IPU	Direction	CONT	Signal Name	IPU	Direction	CONT	Signal Name	IPU	Direction	CONT	Signal Name	IPU	Direction	CONT	Signal Name				
A1	→	A1	NC	B1	←	B1	NC	A41	←	A41	AD14	B41	→	B41	AD15	A81	→	A81	GND	B81	→	B81	GND
A2	→	A2	+5VE	B2	←	B2	+5VE	A42	←	A42	GND	B42	→	B42	GND	A82	→	A82	NC	B82	→	B82	NC
A3	→	A3	GND	B3	←	B3	GND	A43	←	A43	AD12	B43	→	B43	AD13	A83	→	A83	GND	B83	→	B83	GND
A4	→	A4	+5VE	B4	←	B4	+5VE	A44	←	A44	AD10	B44	→	B44	AD11	A84	→	A84	XDATAM4	B84	→	B84	XDATAM5
A5	→	A5	GND	B5	←	B5	GND	A45	←	A45	AD8	B45	→	B45	AD9	A85	→	A85	XDATAM2	B85	→	B85	XDATAM3
A6	→	A6	+5VE	B6	←	B6	+5VE	A46	←	A46	GND	B46	→	B46	GND	A86	→	A86	XDATAM2	B86	→	B86	XDATAM1
A7	→	A7	NC	B7	←	B7	XPME	A47	←	A47	NC	B47	→	B47	NC	A87	→	A87	NC	B87	→	B87	NC
A8	→	A8	GND	B8	←	B8	GND	A48	←	A48	GND	B48	→	B48	GND	A88	→	A88	XFSYNCC	B88	→	B88	XWLSYNCC
A9	→	A9	XREO2	B9	←	B9	GLOCK2	A49	←	A49	NC	B49	→	B49	C/BE0	A89	→	A89	GND	B89	→	B89	GND
A10	→	A10	GND	B10	←	B10	GND	A50	←	A50	AD6	B50	→	B50	AD7	A90	→	A90	XFGATEC	B90	→	B90	XLGATEC
A11	→	A11	XGRANT2	B11	←	B11	INT_C	A51	←	A51	AD5	B51	→	B51	AD5	A91	→	A91	NC	B91	→	B91	XLSYNCC
A12	→	A12	GND	B12	←	B12	GND	A52	←	A52	GND	B52	→	B52	GND	A92	→	A92	XDATAC6	B92	→	B92	XDATAC7
A13	→	A13	XREO4	B13	←	B13	GLOCK4	A53	←	A53	AD2	B53	→	B53	AD3	A93	→	A93	GND	B93	→	B93	GND
A14	→	A14	GND	B14	←	B14	GND	A54	←	A54	AD0	B54	→	B54	AD1	A94	→	A94	NC	B94	→	B94	NC
A15	→	A15	XGRANT4	B15	←	B15	INT_D	A55	←	A55	GND	B55	→	B55	GND	A95	→	A95	GND	B95	→	B95	GND
A16	→	A16	NC	B16	←	B16	XRST	A56	←	A56	NC	B56	→	B56	NC	A96	→	A96	XDATAC4	B96	→	B96	XDATAC5
A17	→	A17	AD30	B17	←	B17	AD31	A57	←	A57	NC	B57	→	B57	NC	A97	→	A97	XDATAC2	B97	→	B97	XDATAC3
A18	→	A18	GND	B18	←	B18	GND	A58	←	A58	DPMTXD	B58	→	B58	DPMTCLK	A98	→	A98	CDATAC0	B98	→	B98	CDATAC1
A19	→	A19	NC	B19	←	B19	NC	A59	←	A59	GND	B59	→	B59	GND	A99	→	A99	GND	B99	→	B99	GND
A20	→	A20	GND	B20	←	B20	GND	A60	←	A60	DPMRXD	B60	→	B60	DPMRCLK	A100	→	A100	XFSYNCY	B100	→	B100	XWLSYNCY
A21	→	A21	AD28	B21	←	B21	AD29	A61	←	A61	GND	B61	→	B61	GND	A101	→	A101	GND	B101	→	B101	GND
A22	→	A22	AD26	B22	←	B22	AD27	A62	←	A62	NC	B62	→	B62	NC	A102	→	A102	XFGATEY	B102	→	B102	XLGATEY
A23	→	A23	AD24	B23	←	B23	AD25	A63	←	A63	GND	B63	→	B63	GND	A103	→	A103	NC	B103	→	B103	XLSYNCY
A24	→	A24	GND	B24	←	B24	GND	A64	←	A64	NC	B64	→	B64	DPMRREQ	A104	→	A104	XDATAY6	B104	→	B104	XDATAY7
A25	→	A25	NC	B25	←	B25	C/BE3	A65	←	A65	GND	B65	→	B65	GND	A105	→	A105	GND	B105	→	B105	GND
A26	→	A26	AD22	B26	←	B26	AD23	A66	←	A66	XAKSL	B66	→	B66	XWUP CF	A106	→	A106	XDATAY4	B106	→	B106	XDATAY5
A27	→	A27	AD20	B27	←	B27	AD21	A67	←	A67	GND	B67	→	B67	GND	A107	→	A107	XDATAY2	B107	→	B107	XDATAY3
A28	→	A28	GND	B28	←	B28	GND	A68	←	A68	XIPU RDY	B68	→	B68	XPW SW	A108	→	A108	GND	B108	→	B108	GND
A29	→	A29	AD18	B29	←	B29	AD19	A69	←	A69	GND	B69	→	B69	GND	A109	→	A109	XDATAY0	B109	→	B109	XDATAY1
A30	→	A30	AD16	B30	←	B30	AD17	A70	←	A70	IPU_TXD	B70	→	B70	IPU_TXD	A110	→	A110	GND	B110	→	B110	GND
A31	→	A31	NC	B31	←	B31	C/BE2	A71	←	A71	GND	B71	→	B71	GND	A111	→	A111	XFSYNCK	B111	→	B111	XWLSYNCK
A32	→	A32	GND	B32	←	B32	GND	A72	←	A72	NC	B72	→	B72	NC	A112	→	A112	XFGATEK	B112	→	B112	XLGATEK
A33	→	A33	NC	B33	←	B33	NC	A73	←	A73	GND	B73	→	B73	GND	A113	→	A113	INPUCLK	B113	→	B113	XLGATEK
A34	→	A34	GND	B34	←	B34	GND	A74	←	A74	XFSYNCK	B74	→	B74	XWLSYNCK	A114	→	A114	NC	B114	→	B114	GND
A35	→	A35	XIRDY	B35	←	B35	XFRAME	A75	←	A75	GND	B75	→	B75	GND	A115	→	A115	XDATAK6	B115	→	B115	XDATAK7
A36	→	A36	XDEVSEL	B36	←	B36	XTRDY	A76	←	A76	NC	B76	→	B76	NC	A116	→	A116	GND	B116	→	B116	GND
A37	→	A37	XPERR	B37	←	B37	XSTOP	A77	←	A77	GND	B77	→	B77	GND	A117	→	A117	XDATAK4	B117	→	B117	XDATAK5
A38	→	A38	GND	B38	←	B38	GND	A78	←	A78	XFGATEM	B78	→	B78	XLFGATEM	A118	→	A118	XDATAK2	B118	→	B118	XDATAK3
A39	→	A39	PAR	B39	←	B39	NC	A79	←	A79	NC	B79	→	B79	XLSYNCK	A119	→	A119	XDATAK0	B119	→	B119	XDATAK1
A40	→	A40	XSERR	B40	←	B40	C/BE1	A80	←	A80	XDATAM6	B80	→	B80	XDATAM7	A120	→	A120	GND	B120	→	B120	GND
																A121	→	A121	+24V	B121	→	B121	+24V

SYMBOL TABLE

- DC Line
- - - Pulse Signal
- Signal Direction
- ▲ Active High
- ▼ Active Low
- [] Voltage

CF EXPANDER (G570) Point to Point Diagram

ARDF (G564) Point to Point Diagram



SYMBOL TABLE	
—	DC Line
- - - -	Pulse Signal
→	Signal Direction
▲	Active High
▼	Active Low
[]	Voltage

