

Model AG-1 Point to Point Diagram

CN1		CN2		CN3		CN4	
Term.	Signal	Term.	Signal	Term.	Signal	Term.	Signal
1	AGND	1	AGND	1	AGND	1	AGND
2	AGND	2	AGND	2	AGND	2	AGND
3	VCOM1	3	VCOM2	3	VCOM3	3	VCOM4
4	VCOM1	4	VCOM2	4	VCOM3	4	VCOM4
5	GND	5	GND	5	GND	5	GND
6	H1AD0	6	HDCLK	6	H2AD0	6	HDCLK
7	H1AD1	7	INH2	7	H2AD1	7	INH4
8	Vh	8	MN3	8	Vh	8	MN3
9	GND	9	MN2	9	GND	9	MN2
10	Vcc	10	MN1	10	Vcc	10	MN1
11	LAT	11	MN0	11	LAT	11	MN0
12	MN0	12	LAT	12	MN0	12	LAT
13	MN1	13	Vcc	13	MN1	13	Vcc
14	MN2	14	GND	14	MN2	14	GND
15	MN3	15	Vh	15	MN3	15	Vh
16	INH1	16	HDCLK	16	INH3	16	HDCLK
17	HDCLK	17	INH2	17	HDCLK	17	INH4
18	Vh	18	MN3	18	Vh	18	MN3
19	GND	19	MN2	19	GND	19	MN2
20	Vcc	20	MN1	20	Vcc	20	MN1
21	LAT	21	MN0	21	LAT	21	MN0
22	MN0	22	LAT	22	MN0	22	LAT
23	MN1	23	Vcc	23	MN1	23	Vcc
24	MN2	24	GND	24	MN2	24	GND
25	MN3	25	Vh	25	MN3	25	Vh
26	INH1	26	H1BD1	26	INH3	26	H2BD1
27	HDCLK	27	H1BD0	27	HDCLK	27	H2BD0
28	GND	28	GND	28	GND	28	GND
29	VCOM1	29	VCOM2	29	VCOM3	29	VCOM4
30	VCOM1	30	VCOM2	30	VCOM3	30	VCOM4
31	AGND	31	AGND	31	AGND	31	AGND
32	AGND	32	AGND	32	AGND	32	AGND

CN107		CN7	
Term.	Signal	Term.	Signal
1	GND	26	MN3
2	GND	27	MN2
3	+5VE2	28	MN1
4	+5VE2	29	MN0
5	+5VE2	30	GND
6	+5VE2	31	INH4V
7	GND	32	INH3M
8	HDCLK	33	INH2C
9	GND	34	INH1K
10	H1BD1	35	LAT
11	H1BD0	36	GND
12	H1BD1	37	ATHRM
13	H1BD0	38	GND(RESERVED)
14	H1BD1	39	INKFL
15	H1BD0	40	SHDSEL2
16	H1BD1	41	SHDSEL1
17	H1BD0	42	STULLCLK
18	H1AD1	43	MODELSET
19	H1AD0	44	PDET
20	H1AD1	45	GND
21	H1AD0	46	MENCB
22	H1AD1	47	GND
23	H1AD0	48	MENCA
24	H1AD1	49	GND
25	H1AD0	50	GND

CN204		CN8	
Term.	Signal	Term.	Signal
1	DG	14	VCOM3
2	DG	15	AG
3	37V	16	AG
4	37V	17	VCOM2
5	AG	18	VCOM2
6	AG	19	VCOM2
7	VCOM4	20	AG
8	VCOM4	21	AG
9	VCOM4	22	VCOM1
10	AG	23	VCOM1
11	AG	24	VCOM1
12	VCOM3	25	AG
13	VCOM3	26	AG

CN8		CN8	
Term.	Signal	Term.	Signal
1	AGND	14	VCOM3
2	AGND	15	VCOM3
3	VCOM1	16	AGND
4	VCOM1	17	AGND
5	VCOM1	18	VCOM4
6	AGND	19	VCOM4
7	AGND	20	VCOM4
8	VCOM2	21	AGND
9	VCOM2	22	AGND
10	VCOM2	23	Vh
11	AGND	24	Vh
12	AGND	25	GND
13	VCOM3	26	GND

CN204		CN8	
Term.	Signal	Term.	Signal
1	DG	14	VCOM3
2	DG	15	AG
3	37V	16	AG
4	37V	17	VCOM2
5	AG	18	VCOM2
6	AG	19	VCOM2
7	VCOM4	20	AG
8	VCOM4	21	AG
9	VCOM4	22	VCOM1
10	AG	23	VCOM1
11	AG	24	VCOM1
12	VCOM3	25	AG
13	VCOM3	26	AG

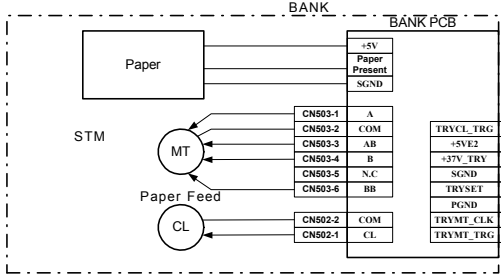
CN8		CN8	
Term.	Signal	Term.	Signal
1	AGND	14	VCOM3
2	AGND	15	VCOM3
3	VCOM1	16	AGND
4	VCOM1	17	AGND
5	VCOM1	18	VCOM4
6	AGND	19	VCOM4
7	AGND	20	VCOM4
8	VCOM2	21	AGND
9	VCOM2	22	AGND
10	VCOM2	23	Vh
11	AGND	24	Vh
12	AGND	25	GND
13	VCOM3	26	GND

Note:
The descriptions of the Control Board connectors CN108 (JIG Board I/F) and CN109 (Debug Serial I/F) are not shown because these are not standard.

Model PG-1 Point to Point Diagram

CN1		CN2		CN3		CN4	
Term.	Signal	Term.	Signal	Term.	Signal	Term.	Signal
1	AGND	1	AGND	1	AGND	1	AGND
2	AGND	2	AGND	2	AGND	2	AGND
3	VCOM1	3	VCOM1	3	VCOM2	3	VCOM2
4	VCOM1	4	VCOM1	4	VCOM2	4	VCOM2
5	GND	5	GND	5	GND	5	GND
6	H1AD0	6	HDCLK	6	H2AD0	6	HDCLK
7	H1AD1	7	INH1	7	H2AD1	7	INH2
8	Vh	8	MN3	8	Vh	8	MN3
9	GND	9	MN2	9	GND	9	MN2
10	Vcc	10	MN1	10	Vcc	10	MN1
11	LAT	11	MN0	11	LAT	11	MN0
12	MN0	12	LAT	12	MN0	12	LAT
13	MN1	13	Vcc	13	MN1	13	Vcc
14	MN2	14	GND	14	MN2	14	GND
15	MN3	15	Vh	15	MN3	15	Vh
16	INH1	16	HDCLK	16	INH2	16	HDCLK
17	HDCLK	17	INH1	17	HDCLK	17	INH2
18	Vh	18	MN3	18	Vh	18	MN3
19	GND	19	MN2	19	GND	19	MN2
20	Vcc	20	MN1	20	Vcc	20	MN1
21	LAT	21	MN0	21	LAT	21	MN0
22	MN0	22	LAT	22	MN0	22	LAT
23	MN1	23	Vcc	23	MN1	23	Vcc
24	MN2	24	GND	24	MN2	24	GND
25	MN3	25	Vh	25	MN3	25	Vh
26	INH1	26	H1BD1	26	INH2	26	H2BD1
27	HDCLK	27	H1BD0	27	HDCLK	27	H2BD0
28	GND	28	GND	28	GND	28	GND
29	VCOM1	29	VCOM1	29	VCOM2	29	VCOM2
30	VCOM1	30	VCOM1	30	VCOM2	30	VCOM2
31	AGND	31	AGND	31	AGND	31	AGND
32	AGND	32	AGND	32	AGND	32	AGND

CN5		CN6		CN7		CN8	
Term.	Signal	Term.	Signal	Term.	Signal	Term.	Signal
1	AGND	1	AGND	1	AGND	1	AGND
2	AGND	2	AGND	2	AGND	2	AGND
3	VCOM3	3	VCOM3	3	VCOM4	3	VCOM4
4	VCOM3	4	VCOM3	4	VCOM4	4	VCOM4
5	GND	5	GND	5	GND	5	GND
6	H1AD0	6	HDCLK	6	H1AD0	6	HDCLK
7	H1AD1	7	INH3	7	H1AD1	7	INH4
8	Vh	8	MN3	8	Vh	8	MN3
9	GND	9	MN2	9	GND	9	MN2
10	Vcc	10	MN1	10	Vcc	10	MN1
11	LAT	11	MN0	11	LAT	11	MN0
12	MN0	12	LAT	12	MN0	12	LAT
13	MN1	13	Vcc	13	MN1	13	Vcc
14	MN2	14	GND	14	MN2	14	GND
15	MN3	15	Vh	15	MN3	15	Vh
16	INH3	16	HDCLK	16	INH4	16	HDCLK
17	HDCLK	17	INH3	17	HDCLK	17	INH4
18	Vh	18	MN3	18	Vh	18	MN3
19	GND	19	MN2	19	GND	19	MN2
20	Vcc	20	MN1	20	Vcc	20	MN1
21	LAT	21	MN0	21	LAT	21	MN0
22	MN0	22	LAT	22	MN0	22	LAT
23	MN1	23	Vcc	23	MN1	23	Vcc
24	MN2	24	GND	24	MN2	24	GND
25	MN3	25	Vh	25	MN3	25	Vh
26	INH3	26	H1BD1	26	INH4	26	H1BD0
27	HDCLK	27	H1BD0	27	HDCLK	27	H1BD0
28	GND	28	GND	28	GND	28	GND
29	VCOM3	29	VCOM3	29	VCOM4	29	VCOM4
30	VCOM3	30	VCOM3	30	VCOM4	30	VCOM4
31	AGND	31	AGND	31	AGND	31	AGND
32	AGND	32	AGND	32	AGND	32	AGND

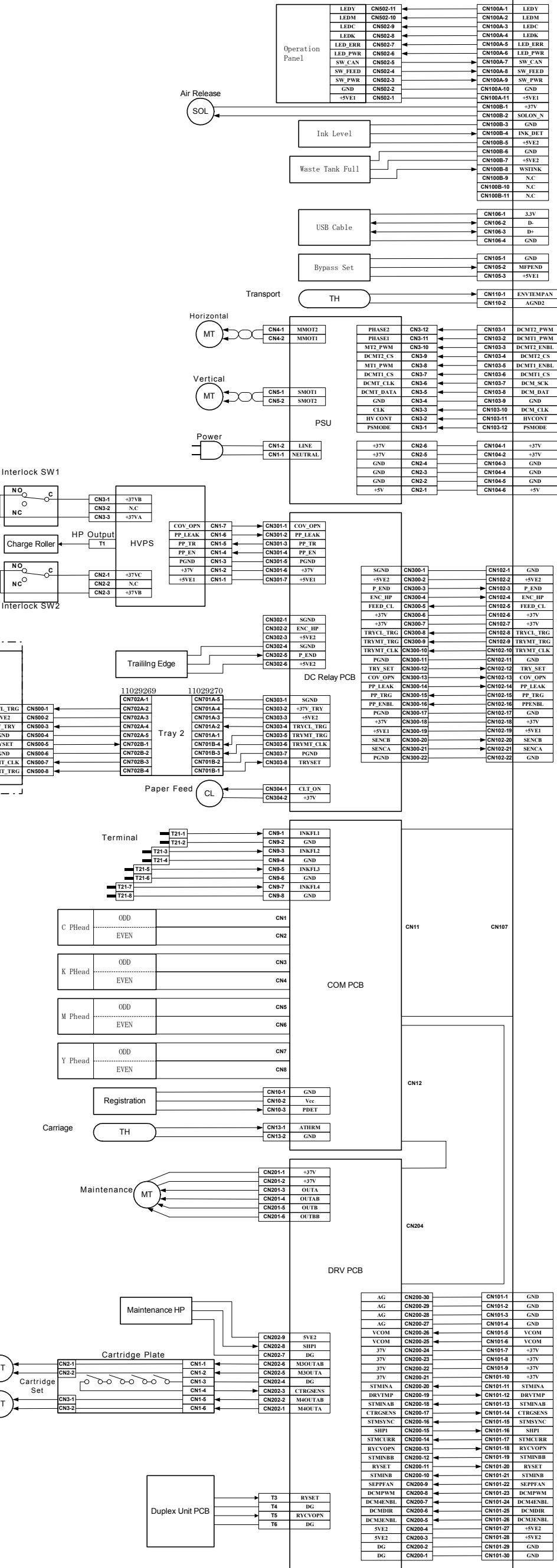


CN107		CN11	
Term.	Signal	Term.	Signal
1	GND	26	MN3
2	GND	27	MN2
3	+5VE2	28	MN1
4	+5VE2	29	MN0
5	+5VE2	30	GND
6	+5VE2	31	INH3
7	GND	32	INH4
8	HDCLK	33	INH2C
9	GND	34	INH1K
10	H1BD1	35	LAT
11	H1BD0	36	GND
12	H1BD1	37	ATHRM
13	H1BD0	38	GND(RESERVED)
14	H1BD1	39	INKFL
15	H1BD0	40	SHDSEL2
16	H1BD1	41	SHDSEL1
17	H1BD0	42	SPULLCLK
18	H1AD1	43	MODELSET
19	H1AD0	44	PDET
20	H1AD1	45	GND
21	H1AD0	46	MENCB
22	H1AD1	47	GND
23	H1AD0	48	MENCA
24	H1AD1	49	GND
25	H1AD0	50	GND

CN204		CN12	
Term.	Signal	Term.	Signal
1	DG	14	VCOM3
2	DG	15	AG
3	37V	16	AG
4	37V	17	VCOM2
5	AG	18	VCOM2
6	AG	19	VCOM2
7	VCOM4	20	AG
8	VCOM4	21	AG
9	VCOM4	22	VCOM1
10	AG	23	VCOM1
11	AG	24	VCOM1
12	VCOM3	25	AG
13	VCOM3	26	AG

CN11		CN12	
Term.	Signal	Term.	Signal
1	GND	26	H1AD0
2	GND	27	H1AD1
3	MENCA	28	H1AD0
4	GND	29	H1AD1
5	MENCB	30	H1AD0
6	GND	31	H1AD1
7	PDET	32	H1AD0
8	MODELSET	33	H1AD1
9	FULLCLK	34	H1BD0
10	H1SEL1	35	H1BD1
11	H1SEL2	36	H1BD0
12	INKFL	37	H1BD1
13	GND	38	H1BD0
14	ATHRM	39	H1BD1
15	GND	40	H1BD0
16	LAT	41	H1BD1
17	INH1	42	GND
18	INH2	43	HDCLK
19	INH3	44	GND
20	INH4	45	Vcc
21	GND	46	Vcc
22	MN0	47	Vcc
23	MN1	48	Vcc
24	MN2	49	GND
25	MN3	50	GND

CN12		CN12	
Term.	Signal	Term.	Signal
1	AGND	14	VCOM3
2	AGND	15	VCOM3
3	VCOM1	16	AGND
4	VCOM1	17	AGND
5	VCOM1	18	VCOM4
6	AGND	19	VCOM4
7	AGND	20	VCOM4
8	VCOM2	21	AGND
9	VCOM2	22	AGND
10	VCOM2	23	Vh
11	AGND	24	Vh
12	AGND	25	GND
13	VCOM3	26	GND



Note:
The descriptions of the Control Board connectors CN108 (JIG Board I/F) and CN109 (Debug Serial I/F) are not shown because these are not standard.