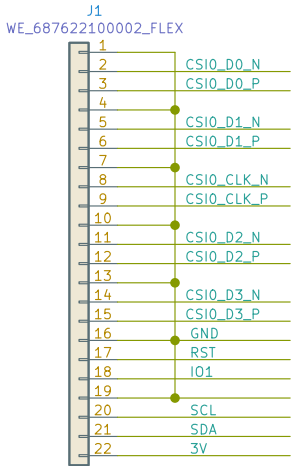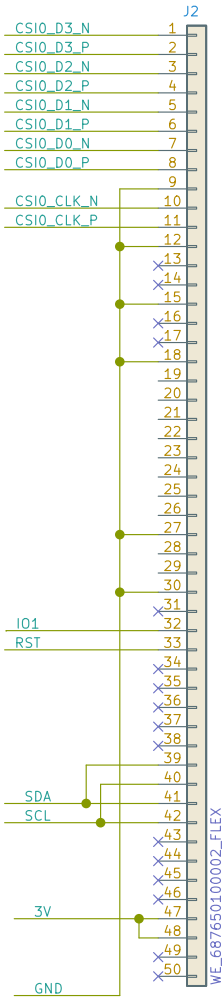Flexible PCB for connecting Allied Vision SDI to MIPI Bridge
to hosts which have a Raspberry PI Camera Connector (22-pin 0.5mm pitch).

Revision 0 : Initial Release

Revision 1 : Change to 4 lane MIPI Interface & alternate MIPI
to connection to allow for single bitstream on SDI Bridge Board

Raspberry PI Host

Antmicro CSI interface

J1
WE_687622100002_FLEX

Pin	Signal
1	
2	CSI0_D0_N
3	CSI0_D0_P
4	
5	CSI0_D1_N
6	CSI0_D1_P
7	
8	CSI0_CLK_N
9	CSI0_CLK_P
10	
11	CSI0_D2_N
12	CSI0_D2_P
13	
14	CSI0_D3_N
15	CSI0_D3_P
16	GND
17	RST
18	IO1
19	
20	SCL
21	SDA
22	3V

J2

Pin	Signal
1	CSI0_D3_N
2	CSI0_D3_P
3	CSI0_D2_N
4	CSI0_D2_P
5	CSI0_D1_N
6	CSI0_D1_P
7	CSI0_D0_N
8	CSI0_D0_P
9	
10	CSI0_CLK_N
11	CSI0_CLK_P
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	IO1
33	RST
34	
35	
36	
37	
38	
39	
40	
41	SDA
42	SCL
43	
44	
45	
46	
47	3V
48	
49	
50	GND

WE_687650100002_FLEX

open source
hardware