

CCD side  
 Conn\_02x34\_Top\_Bottom

GND	68	34	VIDEO_OUTC_N
VIDEO_OUTD_P	67	33	VIDEO_OUTC_P
VIDEO_OUTD_N	66	32	VIDEO_OUTB_N
-5V	65	31	VIDEO_OUTB_P
GND	64	30	VIDEO_OUTA_N
+5V	63	29	VIDEO_OUTA_P
SW-U1	62	28	OG-U1
DRAIN-U1	61	27	DG-U1
VDD	60	26	RD-U1
RG-U1	59	25	
TG-U1	58	24	V1-U1
V3-U1	57	23	V3-U2
V2	56	22	V1-U2
	55	21	
TG-U2	54	20	
RG-U2	53	19	RD-U2
VDD	52	18	DG-U2
DRAIN-U2	51	17	OG-U2
SW-U2	50	16	H3-U
H1-U	49	15	VSUB
H1-L	48	14	H2
H3-L	47	13	SW-L2
OG-L2	46	12	DRAIN-L2
DG-L2	45	11	VDD
RD-L2	44	10	RG-L2
	43	9	TG-L2
	42	8	
V1-L2	41	7	V2
V3-L2	40	6	V3-L1
V1-L1	39	5	TG-L1
	38	4	RG-L1
RD-L1	37	3	VDD
DG-L1	36	2	DRAIN-L1
OG-L1	35	1	SW-L1

J2  
 Conn\_02x32\_Odd\_Even

OG-L1	1	2	SW-L1
DG-L1	3	4	DRAIN-L1
RD-L1	5	6	VDD
V1-L1	7	8	RG-L1
V3-L2	9	10	TG-L1
V1-L2	11	12	V3-L1
RD-L2	13	14	V2
DG-L2	15	16	TG-L2
OG-L2	17	18	RG-L2
H3-L	19	20	VDD
H1-L	21	22	DRAIN-L2
H1-U	23	24	SW-L2
SW-U2	25	26	H2
DRAIN-U2	27	28	VSUB
VDD	29	30	H3-U
RG-U2	31	32	OG-U2
TG-U2	33	34	DG-U2
V2	35	36	RD-U2
V3-U1	37	38	V1-U2
TG-U1	39	40	V3-U2
RG-U1	41	42	V1-U1
VDD	43	44	RD-U1
DRAIN-U1	45	46	DG-U1
SW-U1	47	48	OG-U1
+5V	49	50	-5V
VIDEO_OUTA_P	51	52	VIDEO_OUTA_N
VIDEO_OUTB_N	53	54	VIDEO_OUTB_P
VIDEO_OUTD_N	55	56	VIDEO_OUTD_P
VIDEO_OUTC_N	57	58	VIDEO_OUTC_P
GND	59	60	GND
	61	62	
	63	64	

Sheet: /Single CCD conn/  
 File: single\_ccd\_conn.sch

**Title:**

Size: A4

Date:

**Rev:**

KiCad E.D.A. kicad 5.1.9+dfsg1-1+deb11u1

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