

(A1 pos)

Inv. I2CDT	Inv. I2CCK	Inv. QACK		GND		GND		GND		GND		GND	Inv. HRESET	GND		GND		GND		GND		GND	Inv. SRESET	GND				Inv. QREQ		
			ATTENTION	GND	ADIN 37	GND	ADIN 36	GND	ADIN 43	GND	ADIN 41	GND	ADIN 16	GND	ADOUT 29	GND	ADOUT 40	GND	ADOUT 24	GND	ADOUT 22	GND	ADOUT 20	GND	ADOUT 26	GND				
				GND	ADIN 23	GND	ADIN 33	GND	ADIN 38	GND	ADIN 39	GND	ADIN 19	GND	ADIN 5	GND	ADOUT 17	GND	ADOUT 34	GND	ADOUT 25	GND	Inv. CLKOUT	GND	ADOUT 12	GND	ADOUT 10	GND	TDI	
			GND	ADIN 24	GND	ADIN 31	GND	ADIN 32	GND	ADIN 27	GND	ADIN 26	GND	ADIN 40	GND	ADOUT 19	GND	ADOUT 38	GND	ADOUT 21	GND	ADOUT 37	GND	CLKOUT	GND	ADOUT 13	GND	PSYNC	TMS	
TRIGGERIN	Vs		GND	ADIN 20	GND	ADIN 2	GND	ADIN 21	GND	ADIN 34	GND	ADIN 35	GND	ADIN 15	GND	GND	ADOUT 18	GND	ADOUT 42	GND	ADOUT 43	GND	ADOUT 11	GND	ADOUT 9	GND	ADOUT 8	GND	TCK	
Vs		GND	ADIN 12	GND	ADIN 7	GND	ADIN 0	GND	ADIN 22	GND	ADIN 42	GND	ADIN 28	GND	ADOUT 28	GND	ADOUT 14	GND	ADOUT 30	GND	GND	ADOUT 31	GND	ADOUT 2	GND	Inv. SROUT1	GND	ADOUT 1	GND	
Vs	GND	Inv. CLKIN	GND	ADIN 8	GND	ADIN 3	GND	ADIN 1	GND	ADIN 25	GND	ADIN 29	GND	ADIN 4	GND	GND	ADOUT 41	GND	ADOUT 35	GND	ADOUT 36	GND	ADOUT 5	GND	ADOUT 6	GND	SROUT1	GND	Vs	Vs
GND	CLKIN	GND	ADIN 10	GND	Inv. SRIN0	GND	ADIN 6	GND	ADIN 11	GND	ADIN 30	GND	ADIN 17	GND	ADOUT 15	GND	ADOUT 39	GND	ADOUT 33	GND	GND	ADOUT 32	GND	SROUT0	GND	Inv. SROUT0	GND	ADOUT 7	GND	Vs
Vs	GND	ADIN 13	GND	SRIN0	GND	Inv. SRIN1	GND	SRIN1	GND	ADIN 9	GND	ADIN 14	GND	ADIN 18	GND	GND	ADOUT 16	GND	ADOUT 27	GND	ADOUT 23	GND	ADOUT 0	GND	ADOUT 4	GND	ADOUT 3	GND	Vs	Vs
	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	GND	Vs	Vs	Vs	Vs

high resistance to/from ground & processor voltage (>200k)

low resistance to ground & processor voltage (<200k)

low resistance from ground & processor voltage (<200k) both

very low resistance to ground, but non-zero

*note: the resistance from ground to supply voltage and vice versa is in and of itself low (0.1k-1k) on a board with all of the components present except 300 pin connector, CPU die and some decoupling caps