

DVI-01 Connector Pin Definition:

J1 for DVI Monitor Cable:

Pin Number	Definition	Pin Number	Definition
1	GND	2	TXC- (Output Clock Pair)
3	GND	4	TXC+
5	PVDD (+5V)	6	NC
7	GND	8	FX0- (Output Data Port 0)
9	EDGE (Edge Select)	10	FX0+ (Output Data Port 0)
11	Keyed	12	FX1- (Output Data Port 1)
13	GND	14	FX1+ (Output Data Port 1)
15	DCLK (I2C Clock)	16	NC
17	DDATA (I2C Data)	18	FX2- (Output Data Port 2)
19	GND	20	FX2+ (Output Data Port 2)

J2 For Board to Board Connector:

Pin Number	Definition	Pin Number	Definition
1	DFPDE	2	DFPD3
3	DFPD0	4	DFPD4
5	DFPD1	6	DFPD5
7	DFPD2	8	DFPCLK
9	DFPHS	10	DFPD6
11	DFPVS	12	DFPD7
13	DFPD11	14	DFPD8
15	DFPD12	16	DFPD9
17	NC	18	DFPD10
19	NC	20	DFPD13
21	NC	22	DFPD14
23	NC	24	DFPD15
25	SPCLK2 (I2C Clock)	26	DFPD16
27	SPDAT2 (I2C Data)	28	DFPD17
29	GND	30	DFPD18
31	GND	32	DFPD19
33	+3.3V	34	DFPD20
35	GND	36	DFPD21
37	+5V	38	DFPD22
39	+5V	40	DFPD23