

DVI-02 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	GND	2	+5V
3	DFPCLK	4	+5V
5	GND	6	GND
7	DFPD12	8	DFPD15
9	NC	10	DFPD14
11	NC	12	NC
13	GND	14	GND
15	NC	16	DFPD16
17	NC	18	DFPD17
19	NC	20	NC
21	GND	22	GND
23	NC	24	DFPD18
25	NC	26	DFPD19
27	GND	28	GND
29	NC	30	DFPD21
31	NC	32	DFPD20
33	GND	34	GND
35	NC	36	DFPD22
37	DFPD13	38	DFPD23
39	GND	40	GND
41	NC	42	DFPVS

43	NC	44	DFPHS
45	NC	46	DFPDE
47	NC	48	SPCLK2 (I2C Clock)
49	+3.3V	50	SPDAT2 (I2C Data)