

HARDWARE CONNECTIONS



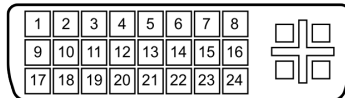
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Video Input Pin Assignment

DVI-D

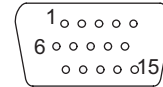
Pin No.	Name	Description
1	TMDS DATA2-	TMDS DATA2 Differential Negative Signal
2	TMDS DATA2+	TMDS DATA2 Differential Positive Signal
3	TMDS DATA2 Shield	Shield for TMDS Channel #2
4	N.C.	No Connection
5	N.C.	No Connection
6	DDC Clock	The Data Line for the DDC Interface
7	DDC Data	The Clock Line for the DDC Interface
8	N.C.	No Connection
9	TMDS DATA1-	TMDS DATA1 Differential Negative Signal
10	TMDS DATA1+	TMDS DATA1 Differential Positive Signal
11	TMDS DATA1 Shield	Shield for TMDS Channel #1
12	N.C.	No Connection
13	N.C.	No Connection
14	+5V Power	+5 Volt signal for EDID
15	GND (+5V Return)	Ground for +5 Volt Power
16	HPD	Hot Plug Detect
17	TMDS DATA0-	TMDS DATA0 Differential Negative Signal
18	TMDS DATA0+	TMDS DATA0 Differential Positive Signal
19	TMDS DATA0 Shield	Shield for TMDS Channel #0
20	N.C.	No Connection
21	N.C.	No Connection
22	TMDS CLOCK Shield	Shield for TMDS Clock Differential Pair
23	TMDS CLOCK+	TMDS CLOCK Differential Positive Signal
24	TMDS CLOCK-	TMDS CLOCK Differential Negative Signal



VGA Pin Assignment

Analog 15-Pin D-Sub

Pin No.	Name	Description
1	Red	Red Analog Data
2	Green	Green Analog Data
3	Blue	Blue Analog Data
4	GND	Ground
5	GND	Ground
6	GND	Ground
7	GND	Ground
8	GND	Ground
9	N.C.	No Connection
10	GND	Ground
11	GND	Ground
12	DSDA	DDC Serial Data
13	HSYNC	Horizontal Sync
14	VSYNC	Vertical Sync
15	DSCL	DDC Serial Clock

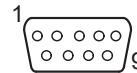


Touch Screen Pin Assignment

Serial RS-232

Pin No.	Name	Description
1	DCD	Data Carrier Detect
2	RX	Receive Data
3	TX	Transmit Data
4	DTR	Data Terminal Ready
5	GND	Ground
6	DSR	Data Set Ready
7	RTS	Request To Send
8	CTS	Clear To Send
9	RI	Ring Indicator

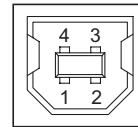
Baud Rate	9600
Data Size	8 Bits
Stop Bits	1 Bit
Parity	No Parity (Only)
Handshaking	Hardware CTS/RTS



USB

Pin No.	Name	Description
1	VBUS	+5V Power
2	USB_D-	USB Data -
3	USB_D+	USB Data +
4	GND	Ground

USB-B CONNECTOR ON
REAR OF MONITOR



Note: The touch controller receives its power from the monitor's internal power supply - not through the USB connector.