

Specifications

XTP CrossPoint® CP VGA Input Board

Video – XTP CP 4i VGA

Gain.....	Unity
Resolution range.....	Up to 1920x1200* or 1080p (HDTV) *reduced blanking
Bandwidth	300 MHz (-3 dB), fully loaded 0-10 MHz: no more than +0.1 dB to -0.1 dB 0-130 MHz: no more than +0.8 dB to -0.8 dB
Crosstalk	-88 dB @ 1 MHz, -55 dB @ 10 MHz, -45 dB @ 30 MHz, -37 dB @ 100 MHz
Switching speed	200 ns (max.)
Decoder.....	8 bit digital
Digital sampling.....	30 bit, 10 bits per color; 162 MHz standard
Colors.....	1 billion

Video input – XTP CP 4i VGA

Number/signal type.....	4 analog VGA-QXGA RGBHV, RGBS, RGSB, RsGsBs, HDTV, component video, S-video, composite video
Connectors.....	4 female 15-pin HD
Nominal level.....	1 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum/maximum levels.....	Analog: 0.5 V to 2.0 Vp-p with no offset
Impedance.....	75 ohms
Return loss	>30 dB @ 5 MHz
DC offset (max. allowable).....	1.5 V

Sync – XTP CP 4i VGA

Input type	RGBHV, RGBS, RGSB, RsGsBs
Input level	0.5 V to 5.0 Vp-p, 4.0 Vp-p normal
Input impedance.....	510 ohms
Horizontal frequency	30 kHz to 100 kHz
Vertical frequency.....	24 Hz to 120 Hz
Max. propagation delay.....	30 ns
Max. rise/fall time	4 ns
Polarity.....	Positive or negative

Audio input – XTP CP 4i VGA

Number/signal type.....	4 stereo, balanced/unbalanced
Connectors.....	(4) 3.5 mm captive screw connector, 5 pole
Impedance.....	>10k ohms unbalanced/balanced, DC coupled
Nominal level.....	0 dBu (0.775 Vrms)
Maximum level	+19.5 dBu, (balanced or unbalanced) at 1% THD+N
Input gain adjustment.....	-18 dB to +18 dB, adjustable per input; default = 0 dB

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu

General

Power	Supplied by XTP CrossPoint or XTP II CrossPoint enclosure
Power consumption.....	29 watts
Product weight	2.0 lbs (0.9 kg)
Regulatory compliance	
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE.
Warranty	3 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

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