

SPECIFICATIONS

PC104-CTR10HD

Ten Counters



**MEASUREMENT
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Power consumption

+5V 225 mA typical, 300 mA maximum

Counter section

Counter type	9513
Configuration	Two 9513 devices. 5 counters per 9513, 16 bits each
Clock input frequency	7 MHz maximum
X2 Clock input source	1 MHz (10 MHz crystal divided by 10), 5 MHz (10 MHz crystal divided by 2) or external; software-selectable
High pulse width (clock input)	70 ns minimum
Cycle time (clock input)	145 ns minimum
Gate pulse duration	145 ns minimum
Input low voltage	-0.5V minimum, 0.8V maximum
Input high voltage	2.2V minimum, 5V maximum
Output low voltage	0.4V maximum @ 3.2 mA
Output high voltage	2.4V minimum @ -200 μ A
Crystal oscillator clock source	10 MHz
Frequency accuracy	
PC104-CTR10HD	100 ppm
PC104-CTR10HD/H50	50 ppm

Digital Input / Output

Interrupts	2 to 7, software-selectable
Interrupt enable	Programmable
Interrupt sources	External

Environmental

Operating temperature range	0 to 50°C
Storage temperature range	-20 to 70°C
Humidity	0 to 95% non-condensing
Weight	5 oz (~140g)

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