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Find the *Curtiss-Wright / VMETRO PBTM-315* at our website: ***Click HERE***

PBTM-315 PMC - PCI Bus Analyzer

Specifications

Trace Memory:	64K x 128 bits (Model B) 256K x 128 bits (Model C)
Input channels:	91 PCI signals, plus 8 ext. inputs on pin header.
PCI clock requirements:	Max. 33MHz, min. 20MHz, Min. 5ns low or high pulse width. 1ms PLL lock time.
PCI signal levels:	5V or 3.3V
PCI loading:	Max. 10pF (One load + max 1.5"/3.8cm of trace length). Satisfies PCI specifications.
PCI signals:	AD[31::0], AD[63::32], C/BE[3::0]#, C/BE[7::4]#, FRAME#, TRDY#, IRDY#, STOP#, DEVSEL#, PAR, PAR64, PERR#, SERR#, RST#, SDONE, SBO#, INTA#, INTB#, INTC#, INTD#, LOCK#, ACK64#, REQ64#. (Plus GNT3:0#, REQ3:0#, IDSEL via pin headers).
Trigger:	4 word recognizers covering all 91PCI signals and 8 Ext. inputs. RANGE & NOT operator on Address/Data.
Range:	Four A64/A32 address ranges, Four D32 data ranges. Inside/Outside.
Sequencer:	16 levels with If, Else, Elsif, Goto, Count, Delay, Trigger, Store, Sampling mode, Halt.
Trigger position:	0%, 25%, 50%, 75%, 100%
Occurrence counters:	Four 20-bits (in Sequencer).
Delay counters:	Three 20-bits (in Sequencer).
Event counters:	Four 20-bits (for Statistics).
Time Tag: Range:	30ns-2hrs15m@33MHz
Resolution:	30ns@33MHz
Latency Tag:	Counts latency (wait states) from FRAME# to TRDY# asserted. Max count: 128clks.
Trigger Output:	TTL level trigger output with programmable polarity, level or pulse. May pulse on each stored sample. Available on pin header on front panel.
External Inputs:	Eight TTL level inputs on pin header on front panel.
Processor:	MC68EC020 16,67 MHz 512KByte RAM w/battery backup for Setup 512KByte Flash EPROM, Up to 64KByte UV EPROM. Storage.
Interfaces:	Two RS232C serial ports, both in one micro-DB9 female connector. Converter to standard DB9 included.

	Baud rates: 1200-38400b/s, aut. adjusted.
Power supply requirements :	+5VDC +/-5% from PMC host or from ext. power supply via front panel inlet. Current: 1,3A typ. idle, 2,5A typ. sampling @ 33MHz.
Dimensions:	74.0 x 149.0mm (Single-wide PMC card).
Compatibility:	PCI Rev. 2.1
WARRANTY	All VMETRO analyzer products have one year warranty.

Specifications subject to change without notice. V1.96

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