Order Code - 40547
PC Based Logic Analyzer

It is PC based 32 channel logic analyzer. It is a cost effective and versatile development cum debugging tool. This logic analyzer is very useful for educational institutions, industries and R & D labs. Works with host PC through high speed USB port and offers all the standard features and performance of the stand alone and expensive logic analyzers. Being a cost effective tool it also provides high speed clock rates, deep data buffers, sophisticated triggering, solid reliability etc.

Main features :

* High sampling (Up to 250M Sa/s)
* 32 data input channels
* Data buffer (up to 256K samples per channel)
* High data bandwidth of 125MHz
* Connects to Desktop PC or Notebook via USB Interface (Version 1.1/2.0)
* No External Power Source Required
* Supports Windows 98/ME, 2000 and XP operating Systems
* Complex trigger, 2 level, 32 channel
* User defined trigger position
* High impedance probes minimize interference with the circuit under test
* Captures both state and timing simultaneously with one probe
* Adjustable threshold voltage suitable for ECL (-1.3V), LVC1.5V (0.75V), LVC1.8V (0.9V, LVC2.5V) (1.2V), LVC3.3V (1.4V), SSTL-2 2.5V (1.25V), SSTL2-2.5V(1.25V), SSTL3-3.3V (1.4V)
* Expandable to 64 channels by cascading two units
* Data exportable to windows excel or text format
* Light weight & Compact size

Specifications:

No of Channels	:	32
Sampling Rate	:	32 channels from 1 Sa/s
Memory (Channel record length)	:	256K
External Clock Rate	:	125Msa/s
Impedance	:	250kohm/2pF (tip to ground)
Threshold Voltage	:	-2.00V to 1.9V by 25mV step
PC interface	:	USB 1.1/2.0
Maximum Input Voltage	:	-110V to +110V except EXT CLK. (0-5V)
Channel Skew	:	Typical < 200Ps
Trigger Position	:	Any user defined position
Maximum Trigger speed	:	250MHz (4ns)
Trigger Quality	:	0, 1, x (don't care) settings for al digital channels
Capture Modes	:	Auto, Normal, Single

Scope of Supply

1. Main Logic Analyzer Unit
2. USB cable (A-Mini B)
3. Software CD
4. Easy Hook Clips 50 Nos
5. Two IDC 32 Pin connectors with PV wire
6. User's Manual

General

1. Current : 400mA approx

Note: Specifications are subject to change.

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