

ANALYZERS

LAP-C-16032

16 Channel PC based Logic Analyzer

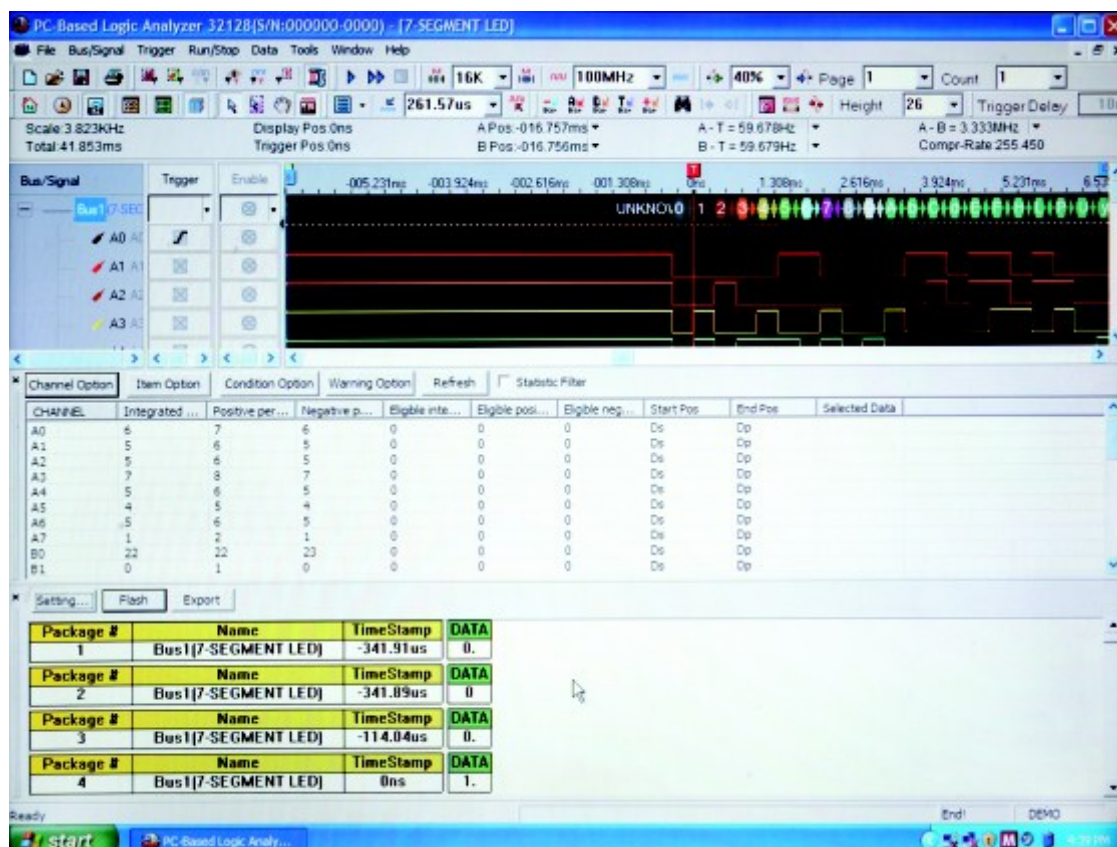


DEBUG CAN NEVER BE SIMPLER!

The analysis done by the Logical Analyzer allows for direct display of the error messages, greatly decreasing the debug time by quickly discovering the problem. The embedded design of the system allows to track errors in test systems such as system collapse, intermittent errors etc.

OBTAINING DIGITAL SIGNALS CAN NEVER BE EASIER!

Logical Analyzer facilitates the analysis of digital signals, observation of multi-channel logical messages, and the examination of the logical status as well as the corrections of the time sequence.



FALCON ELECTRO - TEK PVT. LTD.

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*Specifications of the products mentioned in this catalog are subject to change due to constant upgradation and availability of components in the international market.

PROTOCOL ANALYZER SUPPORTS

I²C, UART, SPI, 7-segment

Arithmetic Logic, Digital Logic, JK Flip Flop, Up Down counter (LAP-C-16032)

FEATURES

- 16 Channel
- Portable Logic Analyzer
- User Interface
- Memory 512Kbits
- Supports Protocol Analysis
- Hook up with Bench top tools like oscilloscope etc.

SPECIFICATIONS

Operating Systems	:	Windows 2000 / XP / Vista
Interface	:	USB2.0 (1.1)
Sample Rate - Internal Clock (Timing Mode)	:	100Hz~100MHz
Sample Rate - External Clock (State Mode)	:	75MHz

THRESHOLD VOLTAGES

Bandwidth	:	75 MHz
Working Range	:	-6V~+6V
Accuracy	:	±0.1V

MEMORY

Length	:	512Kbits
Depth (per channel)	:	32Kbits (8Mbits for compression for LAP-C-16032)

TRIGGER

Condition	:	Pattern/Edge
Channel	:	16 CH
Pre/Post Trigger	:	YES
Level	:	1 Level
Count	:	1~65535

GENERAL

Power	:	USB
Safety Certification	:	FCC/CE/WEEE/RoHS/SVHS
Working Voltage	:	4.5V – 5.5V
Current at Rest	:	200mA
Current at Work	:	400mA
Power at Rest	:	1W
Power at Work	:	2W
Error in Phase OFF	:	+/- 1.5ns
Impedance	:	500KO/10pF
Vinput of Testing Channels	:	-30V DC – 30V DC
Vreference	:	-6V DC – 6V DC
Working Temperature	:	5°C ~70°C,
Storage Temperature	:	-40°C ~80°C

ACCESSORIES	:	16 channel testing cable, Probes, Power cord, Instruction Manual, Software CD
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