

## ANALYZERS

# LAP-C-32128 32 Channel PC based Logic Analyzer

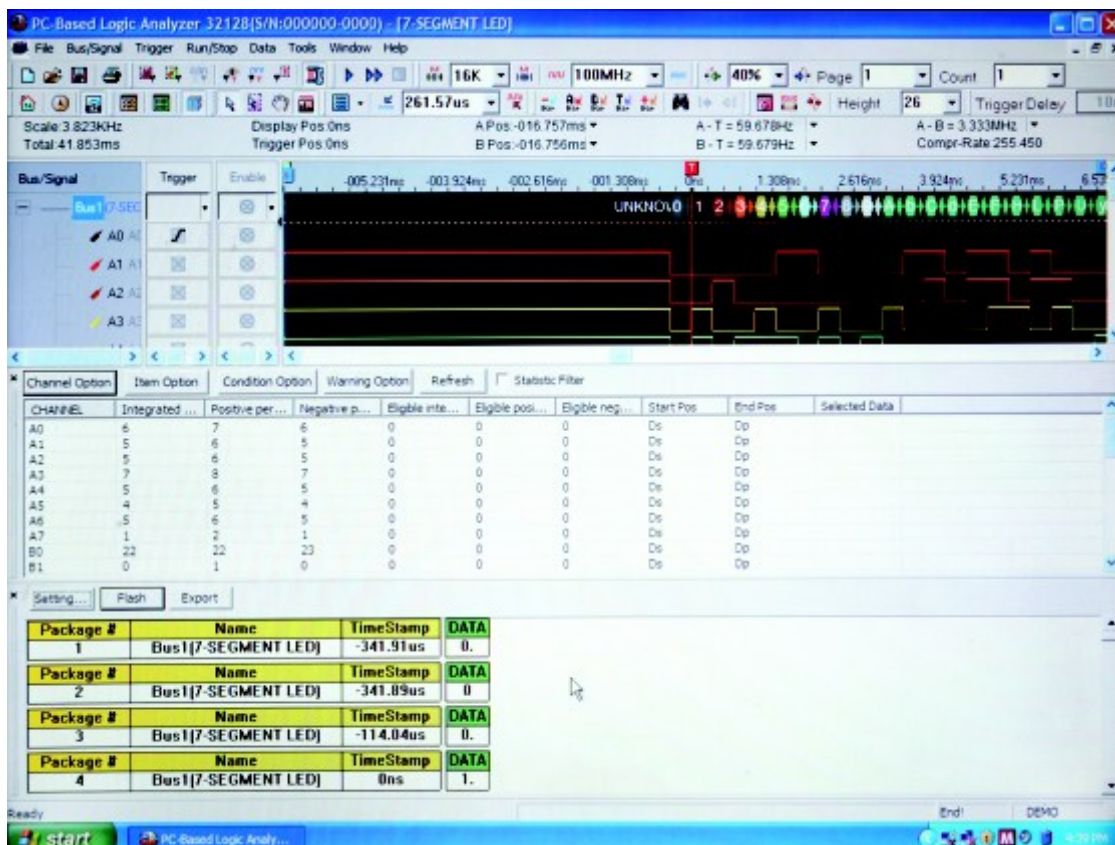


### DEBUG CAN NEVER BE SIMPLER!

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

I<sup>2</sup>C, UART, SPI, 7-segment

1-wire, MicroWire, SSI, LIN Bus, Manchester, Miller ( LAP-C-32128 )

### FEATURES

- 32 Channel
- Portable Logic Analyzer
- User Interface
- Memory 4Mbits
- 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~200MHz
Sample Rate - External Clock (State Mode)	:	100MHz

#### THRESHOLD VOLTAGES

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

#### MEMORY

Length	:	4Mbits
Depth (per channel)	:	128Kbits (32Mbits for Compression)

#### TRIGGER

Condition	:	Pattern/Edge
Channel	:	32CH
Pre/Post Trigger	:	YES
Level	:	1 Level
Count	:	1~65535

#### EXTENDING CHANNEL CAPTURE

Channel	:	31 CH
Memory	:	256Kbits

#### DOUBLE MODE

Channel	:	16 CH
RAM Sizes	:	256K

#### 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

<b>ACCESSORIES</b>	:	32 /16 channel testing cable, Probes, Power cord, Instruction Manual, Software CD
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