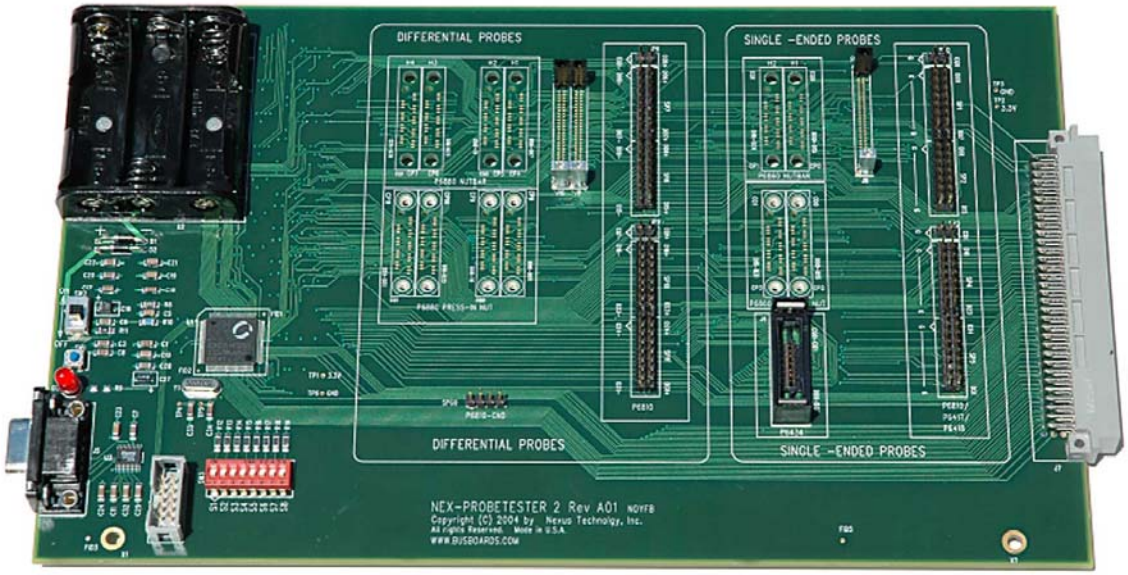
NEXUS TECHNOLOGY

Tektronix TLA Probe Tester

NEX-PROBETESTER2



- Quickly test all Tektronix TLA5000/600/700 General Purpose, Mictor, and Compression probes.
- Activity Mode allows quick testing of a single probe via the TLA's Activity Indicator window.
- Acquisition Mode allows for quick testing of multiple probes of the same type by inspecting TLA acquisitions.
- Testing is simple and easily verifiable. A high signal is walked across 16 normally low channels and a low is walked across 16 normally high channels. The clock/qualifier lines are inverted to one another and are center aligned in the valid data window.
- Probes supported include:
    - P6434 34-channel High-Density Mictor Probe
    - P6417 17-channel General Purpose probe: single-ended
    - P6418 17-channel General Purpose probe: single-ended
    - P6419 17-channel Compression Probe: single-ended
    - P6810 34-channel General Purpose probe: single-ended or differential
    - P6860 17-channel Compression Probe: single-ended
    - P6880 17-channel Compression Probe: differential
    - P6960 34-channel D-Max High-Density Connectorless: single-ended
    - P6980 34-channel D-Max High-Density Connectorless: differential

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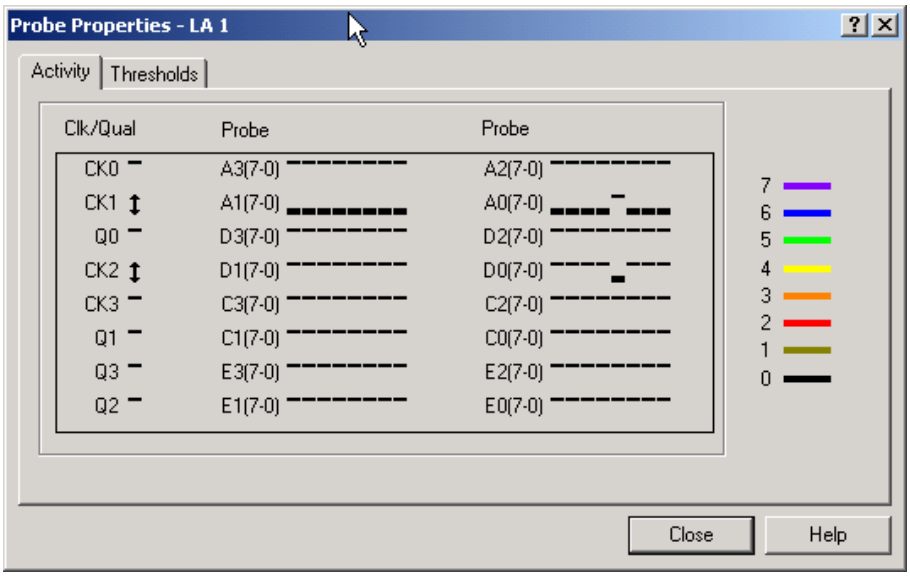
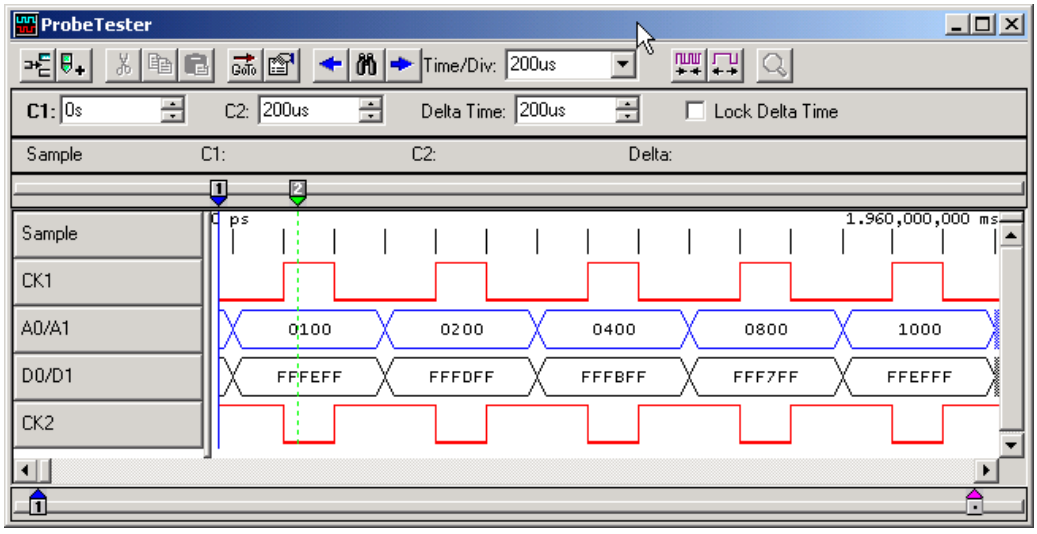
General Description

NEX-PROBETESTER allows for quick testing of Tektronix Logic Analyzer probes using the provided board and a TLA. The probe tester is capable of testing all 32 data channels of a probe along with both of its clock/qualifier (C/Q) lines. Depending on the probe tested, this requires hooking up one or more probe heads. The test itself drives 16 data lines low and then proceeds to walk a high to each data channel, starting with the LSB. The other 16 data lines are driven high and the test then walks a low to each channel. The C/Q lines are driven to opposite values with a pulse on each in the center of the valid data window. This allows for synchronous acquisition on either edge using either C/Q line. Asynchronous acquisition is also possible. Two testing modes are provided:

Activity Mode slows data transitioning down so that data can be visually verified using the TLA Application Software's Activity Indicator window.



Acquisition Mode allows quick verification of data by taking a TLA acquisition.



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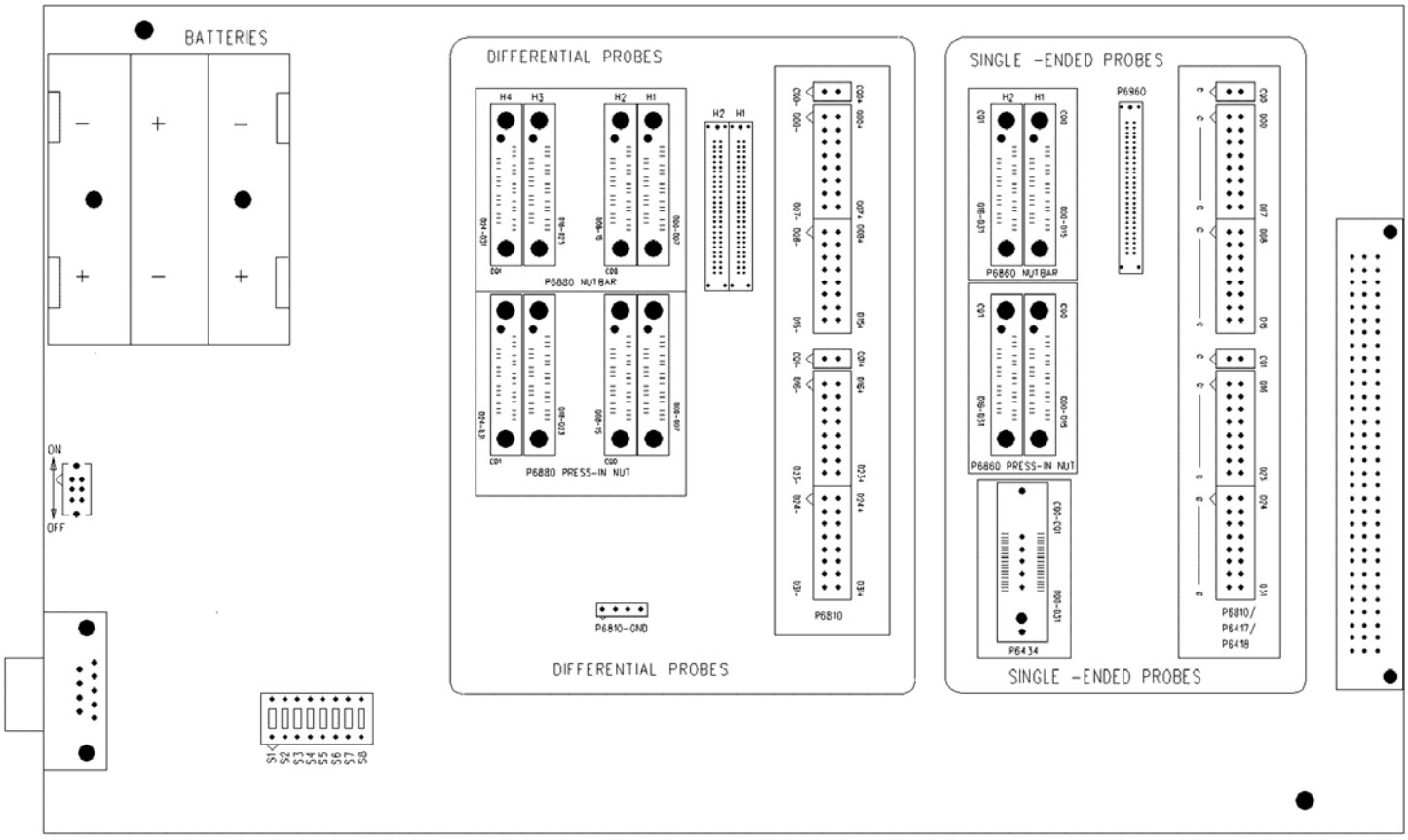
Silkscreen



Tektronix Logic Analyzer Support / Configuration

TLA600/700 Logic Analyzer

- P6434, P6417, P6418, P6419, P6810, P6860, P6880, P6960 or P6980 probes

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Ordering / Contact Information

Part Number NEX-PROBETESTER2
Includes: NEX-PROBETESTER2 board
Software
Manual
Qty. 3 AA Batteries

Postal: Nexus Technology, Inc.
78 Northeastern Blvd. #2
Nashua, NH 03062

Telephone: 877-595-8116

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Placing an Order

Credit Card orders can be placed directly at 877-595-8116.
Purchase orders can be faxed to 877-595-8118.

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