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Find the *National Instruments TB-2640* at our website: ***Click HERE***

Technical Sales
United States
(866) 531-6285
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NI TB-2640

Front-Mount 4x128 Matrix Terminal Block for NI 2532 Switches

- NI Recommends the NI 2532B Family
- Signal connections are made with ribbon cable headers inside the housing
- Optional configuration includes 100 Ω protection resistors on the rows and columns
- Designed to easily facilitate column expansion with dual row connections
- Configures an NI 2532 as a 4x128 one-wire matrix



Overview

Not Recommended for new designs. Consider using the NI 2532B Family

The NI TB-2640 is a front-mounting terminal block for NI 2532 high-density matrix switches. In addition to defining an NI 2532 as a 4x128 matrix, the TB-2640 exposes signal connections through ribbon cable headers inside the housing. For high-power applications, you can include 100 Ω protection resistors in the configuration. To connect to the rows of additional NI 2532 switches, two sets of row connections are available in the terminal block.

Services

Extended Warranties

National Instruments designs and manufactures all products to minimize failures, however unexpected failures can still occur. Extended warranties provide a fixed economical price at the time of system purchase, covering any repair costs for up to three years. In addition, they offer the following benefits:

- Significant cost savings compared to individual repair incidents
- Fault location, diagnostics, and repair by NI any time the system product fails
- All parts and labor costs covered as well as any adjustments needed to restore the hardware to manufacturing specifications

For more information about your warranty options:

- Learn More About Warranty Services [http://www.ni.com/services/warranty.htm]
- Talk to an Expert About Extended Warranties [javascript:openCallMeWindowCTA(document.referrer,%20'US')]
- View Warranty Repair Policies [http://www.ni.com/services/warranty_repair_policies.htm]

Calibration

NI recognizes the need to maintain properly calibrated devices for high-accuracy measurements. NI provides manual calibration procedures, services to recalibrate your products, and automated calibration software to calibrate many NI measurement products.

- Learn More About Calibration Services [http://www.ni.com/services/calibration.htm]

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Training

NI training is the fastest, most certain route to productivity with NI tools and successful application development.

- Learn More About NI Training and Certification [http://www.ni.com/training/]
- Find a Course Near You and View Schedules [http://sine.ni.com/tacs/app/fp/p/ap/ov/pg/1/]

Repair Services

Return your registered product under warranty at no additional labor and parts cost. NI offers fault location, diagnostics, and repair any time the system fails as well as any adjustments needed to restore the hardware to manufacturing specifications.

- Learn More About Repair Services [http://www.ni.com/services/warranty.htm]
- Contact NI to obtain a Return Material Authorization (RMA) form and shipping instructions. [http://sine.ni.com/apps/utf8/nicc.call_me]
- View your RMA support request status online. [https://sine.ni.com/srm/app/myServiceRequests]
- Register your product [http://www.ni.com/register] .

Technical Support

ni.com/support [http://www.ni.com/support/]

Resources

Additional Product Information

- Manuals (7)
- Dimensional Drawings (2)
- Product Certifications

Related Information

- How to Connect Signals to the NI PXI/PXIe-2532
- NI PXI-2532
- NI PXIe-2532

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