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Find the *National Instruments PXI-7851 / PXI-7851R* at our website: ***Click HERE***



PXI-7851

(PXI Multifunction Reconfigurable I/O Module)

Virtex-5 LX30 FPGA, 750 kS/s PXI Multifunction Reconfigurable I/O Module—The PXI-7851 features a user-programmable FPGA for high-performance onboard processing and direct control over I/O signals to ensure complete flexibility of system timing and synchronization. You can customize these devices with the LabVIEW FPGA Module to develop applications requiring precise timing and control such as hardware-in-the-loop testing, custom protocol communication, sensor simulation, and high-speed control.

The PXI-7851 features a dedicated A/D converter (ADC) per channel for independent timing and triggering. This design offers specialized functionality such as multirate sampling and individual channel triggering, which are outside the capabilities of typical data acquisition hardware.

PRODUCT SUPPORT RESOURCES

Manuals

Find complete product documentation to learn how to get started and use the product.

Drivers

Locate supported instrument drivers and downloads for the product.

Support Library

Explore a wide range of support content, including examples and troubleshooting information.

Community

Network, share, and ask questions with other members of the NI community.

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