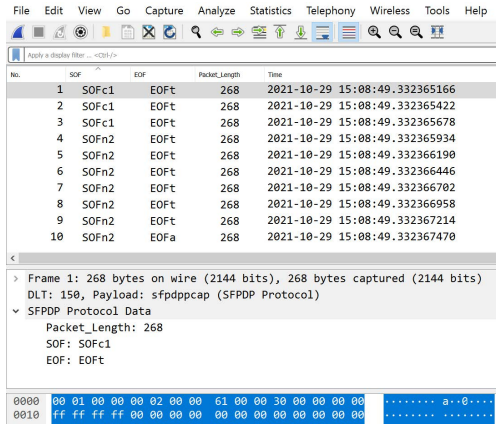


NI PXIe-6594 sFPDP Test Solution for LabVIEW™

PXIe Test Instrument for Serial Front Panel Data Port Protocol



> Input and output file format is compatible with Wireshark and other programs that use the PCAPNG file format

Our Commitment

New Wave DV is committed to providing the latest innovations in technology, architectures, and techniques to keep our customers one step ahead of the rest. Our products, complete with the Development Framework, are intended to offer our customers an entirely unique out-of-the-box experience.

Complete Product Support Program

New Wave DV prides itself on its excellent customer support, a fact that is echoed by our customers. New Wave DV provides industry standard warranty on its products, but it is the human factor that makes our support so valuable to our customers. Our team takes the time and effort to ensure that the customer experience with our products is a positive one.

Features

- Completely customizable SFPDP packets and data transmission patterns.
- Hardware timestamping (5ns resolution) synchronized across all 8 ports.
- Coordinate data transmission across all 8 ports within a single PCAPNG file.
- Stream to/from disk or DDR buffer.
- Windows C or LabVIEW™ API. Example designs provided.
- Included .lua dissector allows user to view/analyze captures in Wireshark
- Generate/Display statistical eye diagrams of incoming links
- Optional hardware error-injection on outgoing data

Configuration

- PXIe HARDWARE:**
[PXIe-6594 NI PXI High-Speed Serial Instrument](#)
- NETWORK INTERFACE:**
Up to 8 TX/RX lanes over 2 QSFP connectors.
- PROTOCOL:**
SFPDP

Ordering Information

400-56594-00-17-00: SFPDP Test Solution for LabVIEW: NI PXIe-6594 High Speed Serial Instrument, SFPDP Test Solution for LabVIEW IP Core, 1/2/2.5/4.25/5G, Transmit and Receive

[Contact New Wave DV today for more information.](#)

CONTACT US TODAY

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