

PGY-HSI Datasheet

MIPI-HSI Electrical Validation and Protocol Decode Software



Detail View correlates Waveform, Protocol and electrical measurements

The PGY-HSI HSI Electrical Validation and Protocol Decode Software offers electrical measurements compliance testing and protocol decoding as specified in version 1.01.00 dated September 2008. Now design and test engineers can automatically make accurate and reliable HSI electrical measurements and decode protocols in PGY-HSI software using data acquired by Tektronix DPO5000, DPO7000, DPO/DSA/MSO70000 oscilloscope series to reduce the development and test cycle.

Features:

- Automated HSI electrical measurements and protocol testing as per HSI documentation 1.01.00 dated 30 September 2008
- Supports analysis of Synchronized data flow, Pipelined data flow and Receiver real time data flow
- Supports Stream Transmission and Frame Transmission Modes
- User can set the channel descriptor bits
- Links the protocol content to the electrical signal in the oscilloscope for easy understanding of the electrical characteristics of the protocol
- Overlays the protocol data on analog waveform in a bus diagram window
- Zooms the selected HSI packet content in the decode table in the bus diagram display for easy analysis of electrical characteristics of the HSI frame
- Ability to view protocol decode data in hexadecimal, decimal, binary, octal, and ASCII formats
- Ability to store the HSI protocol data in CSV and txt format
- Utility features like zoom, undo, and fit screen for easy debugging while correlating the protocol data to the waveform
- Report generation in pdf format
- Supports wfm file formats for offline analysis

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Tektronix Oscilloscopes Supported

- DPO/MSO5000 series
- DPO7000 series
- DPO/MSO/DSA 70000 series

Ordering Information

PGY-HSI (shipment includes CD with PGY-MMC-SD Electrical Validation and Protocol Decode Software)

Contact:

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About Prodigy Technovations Pvt Ltd

Prodigy Technovations Pvt Ltd (www.prodigytechno.com) is a leading global technology provider of Protocol Decode, and Physical layer testing solutions on test and measurement equipment. The company's ongoing efforts include successful implementation of innovative and comprehensive protocol decode and physical Layer testing solutions that span the serial data, telecommunications, automotive, and defense electronics sectors worldwide.

Other products

- HDMI and MHL Protocol Compliance Test Software
- UniPRO, LLI Protocol Decode Software
- UFS Protocol Decode Software
- MIPI HSI Electrical Validation and Protocol Decode Software
- I2C Electrical validation and Protocol Decode Software
- SPI Electrical Validation and Protocol Decode Software
- I2S Electrical, Audio, and Protocol Testing Software
- UART/RS232 Protocol Decode Solution
- FlexRay Protocol and SI Analysis Software
- USB2.0 Protocol Decode Software
- HSIC Protocol Analysis Software
- RFFE Protocol Analysis Software