



Port Analyzer

- 64 Channels
- 10 MHz Timing
- Slave Operation to State Analyzer
- Time Stamp
- List and Timing Display

The port analyzer is a special analyzer tool with 64 channels for sampling peripheral port on the emulation chip. It can run in state mode together with the state analyzer or separately with up to 10 MHz sampling rate as a timing analyzer system.

Features

Port Analyzer

- 64 Additional Trace Channels
 - Samples all ports
- 64 Channel Input Multiplexer
 - Switches selected port to universal counter/glitch detector
- 2 Operation Modes
 - State (slave to SA120)
 - Timing (10 MHz max.)
- Sampling Rate (Timing)
 - 10 MHz ... 100 Hz (1-2-5)
- Trace Storage
 - 32 K normal operation
 - 16K prestore mode
- Trigger Modes
 - Level High
 - Level Low
 - Rising Edge
 - Falling Edge
- Trigger Inputs
 - Trigger lines (system bus)
 - Port (input MUX)
 - RUN-Signal
- Trigger Delay
 - 0.2us ... 100s
- Time Stamp
 - Resolution 100us within 300 days
- List Display
- Timing Display
- Frame Display
- State Display
- Complex Search and Compare Functions
- Load and Save Function
- Time Correlation to State and Timing Analyzer
- Reference Marks and Time Measurement
- Signal Analysis with Universal Counter
 - Frequency
 - Period
 - Pulse width
 - Event count
 - Event profile
 - Event trigger
- Power Consumption
 - 3 W

Order Information

Module Description

Detailed Order Information

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