

Trigger Probe for PODBUS

- Works with ICE, FIRE and ICD
- Asynchronous Trigger
- Synchronous Trigger
- Pulse Width Trigger
- Glitch Trigger
- Scope Trigger Output

The trigger probe is a small box connected to the POD-BUS, which brings the trigger capability of high-end DSOs to the emulator or in-circuit debugger.

Trigger signals can be combined, sampled synchronously by complex clock signals or checked for glitches. An pulse width detection system can trigger, if pulse width are larger or less a specified time.

Operation

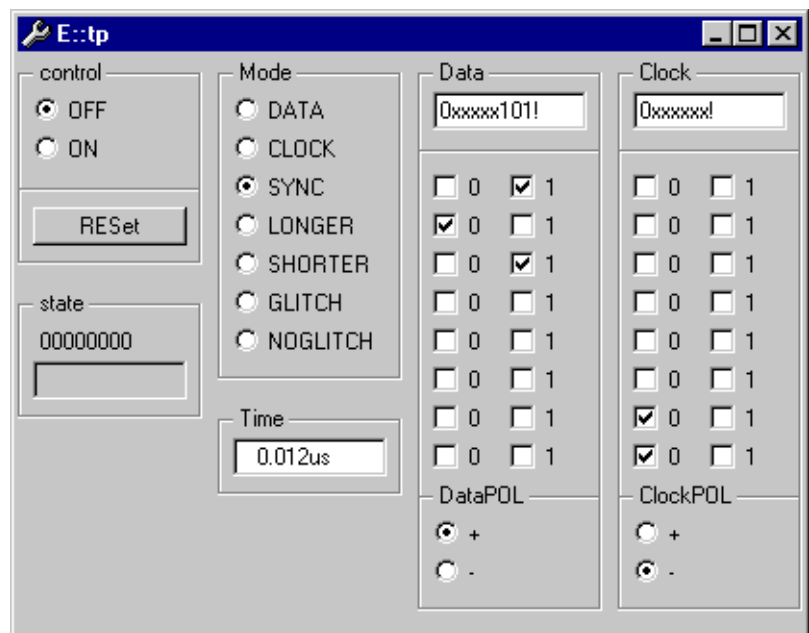
Trigger Input

- 8 Input Lines
- 1.4 V Threshold Level
- 1 MOhm

Trigger Output

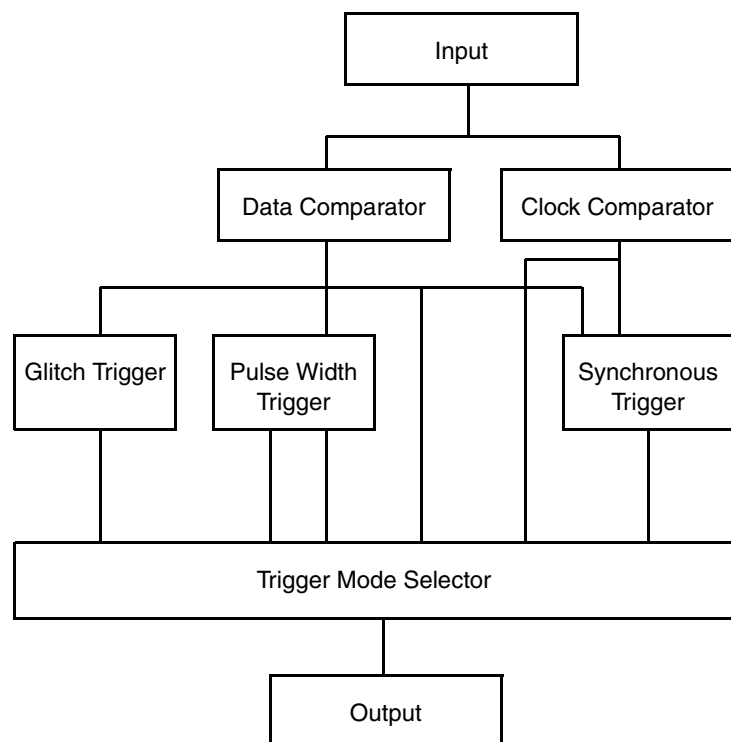
- 1 Trigger Output
- 50 Ohm
- Trigger Output to Trigger Bus (BUSA)

Trigger Modes



- Data
 - Combines 8 Inputs to one trigger signal
 - High, Low, Don't Care for every bit
 - Positive and negative polarity for trigger output
- Clock
 - Same as Data, but 2nd comparator
- SYNC
 - Combination of Data and Trigger event
 - Positive and negative Clock edge
 - True and false data event
- LONGER
 - Pulse width trigger
 - 10ns .. 3 ms
 - Positive and negative pulse

- ❑ SHORTER
 - Pulse width trigger
 - 10ns .. 3 ms
 - Positive and negative pulse
- ❑ GLITCH+
 - Glitch trigger on positive impulse
 - 2..10ns detection
- ❑ GLITCH-
 - Glitch trigger on negative impulse
 - 2..10ns detection
- ❑ GLITCH
 - Glitch trigger on positive or negative impulse
 - 2..10ns detection



Order Information

Module Description

OrderNo Code	Text
LA-7410 TP	Trigger Probe Trigger probe for PODBUS and ICD, allows complex triggering with 8 input signals, data mask, clock and data triggering, glitch trigger, puls width trigger 20 ns to 6 ms fixed threshold level 1.4 V trigger output to PODBUS, frequency counter or DSO

Detailed Order Information

Order No.	Code	Text
LA-7410	TP	Trigger Probe
Additional Options		
LA-6470	CLIPSET	Clip Set (Cable and Clips)

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