



## 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. A pulse width detection system can trigger, if pulse width are larger or less a specified time.

## Operation

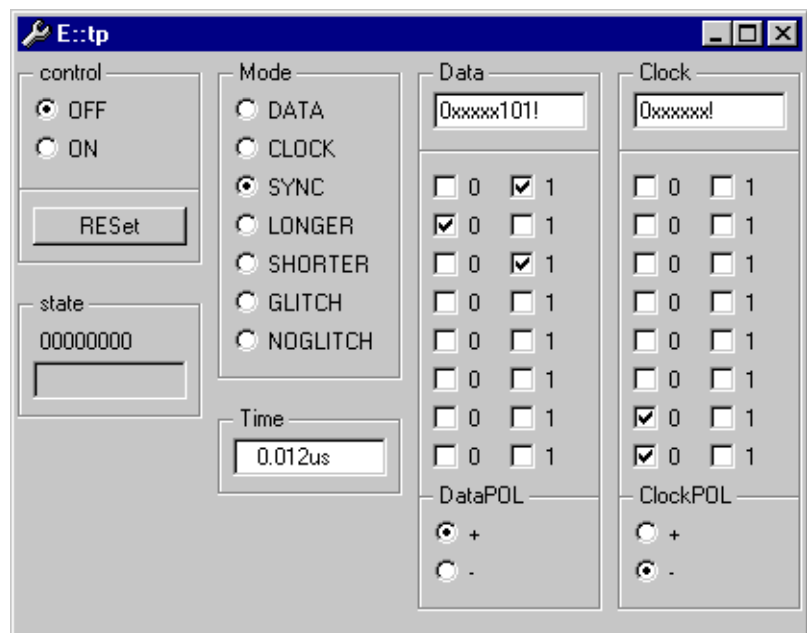
### Trigger Input

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

### Trigger Output

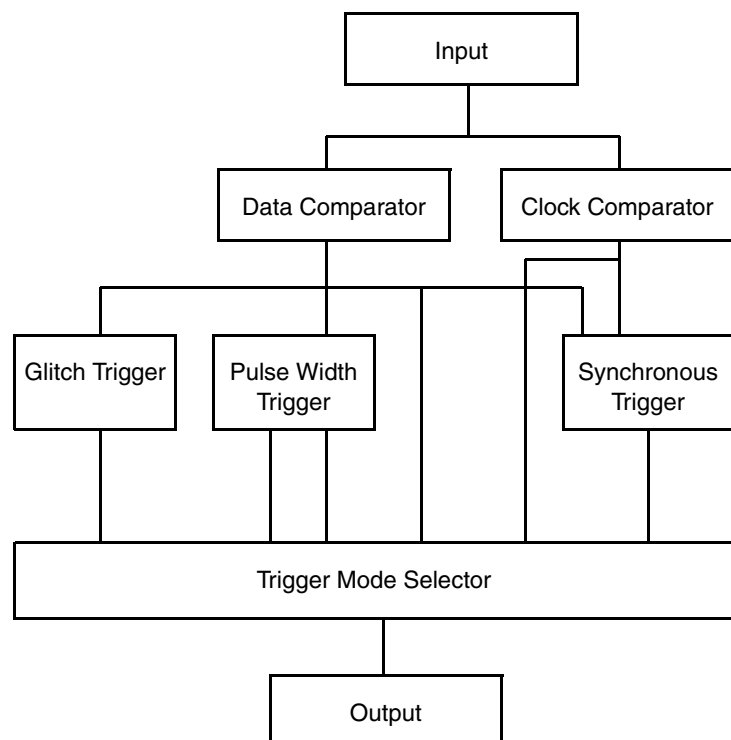
- 1 Trigger Output
- 50 Ohm
- Trigger Output to Trigger Bus (BUSA)

### 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



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## Order Information

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### Module Description

OrderNo Code	Text
<b>LA-7410</b> TP	<b>Trigger Probe</b> 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

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### Detailed Order Information

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

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