



Stimuli Generator

- 64 Digital Channels
- 12 Analog Channels
- Pulse Generator
- Pattern Generator
- Connection Tester

The STIMULI generator is made for automated testing of embedded systems in the development and production phase. It support digital and analogous signals.

Features

8 channel groups with 8 Bits each

Output enable for each channel group

- Each line can be individually defined
 - Low (max. -25 mA)
 - High (max. 25 mA at 3.3 V)
 - Pulse output
 - Input (TTL)
- Outputs Short Circuit Protected

Every line can be supplied by internal pulse generator

- 200ns resolution
- Max. 1s pulse width
- 1 Hz ... 1,25 MHz repetition rate
- Single pulse

Every line can be sampled by frequency counter

- max. 10 MHz frequency
- Pulse width 100ns resolution
- Period time
- Glitch detection

Logical names can be used for channels and channel groups

Analog input channels

- 8 channels single 0..5 V
- 4 channels differentiell

4 Analog Outputs

- 0..5 V

Logic state tester

- Low

- High
- Pulse
- Tristate (floating)

Connection tester for powered target systems

- 0..5 V test range
- 10 Ohm test sensitivity

Order Information

Module Description

OrderNo Code	Text
LA-7401 STG-PATTERN	Stimuli Generator 64 universal i/o pins, pulse generator, 8 analog inputs, 4 analog outputs, 64 channel, 50 MHz pattern generator, logic state tester, connection tester
LA-6470 CLIPSET	Clip Set (Cable and Clips) 10 Clips + Cable for CIN8, COUT8, STG, PowerProbe

Detailed Order Information

Order No.	Code	Text
LA-7401	STG-PATTERN	Stimuli Generator
LA-6470	CLIPSET	Clip Set (Cable and Clips)

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