

Applications

- 200/400 Gb/s Linear Driver: 16 QAM
- 100 Gb/s Linear Driver: DP-QPSK

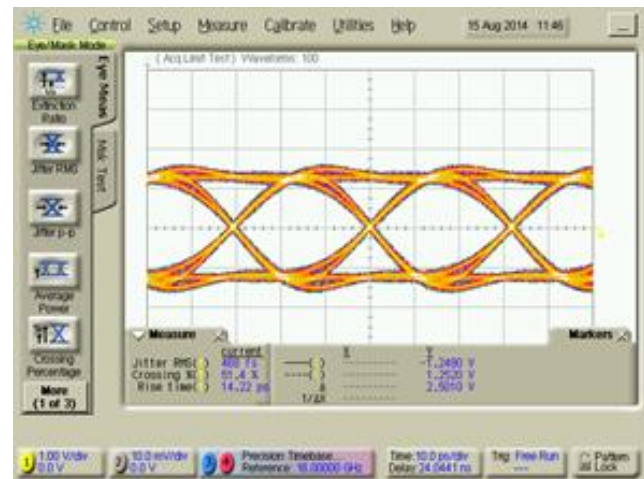


Product Features

- 100 - 200 Gb/s Linear Performance
- Dual Channel, Differential Input and Single Ended Output
- Gain, Diff-to-SE, 24 dB
- THD <2%
- CMRR 20 dB
- Channel to Channel isolation is >30dB
- Integrated broadband RF Chokes

Eye Diagram

32 Gb/s



General Description

The TriQuint TGA4893-SL is a dual channel optical differential input, single ended output modulator linear driver amplifier designed for 100-400 Gb/s optical markets.

The TGA4893-SL consists of two channels of high performance wideband amplifiers and integrated broadband RF Chokes requiring a minimum of off-chip components. Two TGA4893-SLs placed between the MUX and Optical Modulator provides OEMs with a modulator linear driver surface mount solution.

The TGA4893-SL is lead-free and RoHS compliant. Evaluation boards and bias boards are available upon request.

Ordering Information

Part No.	ECCN	Description
TGA4893-SL	5A991.b	Diff In, Single Out, 200/400 Gbps Linear Modulator Driver