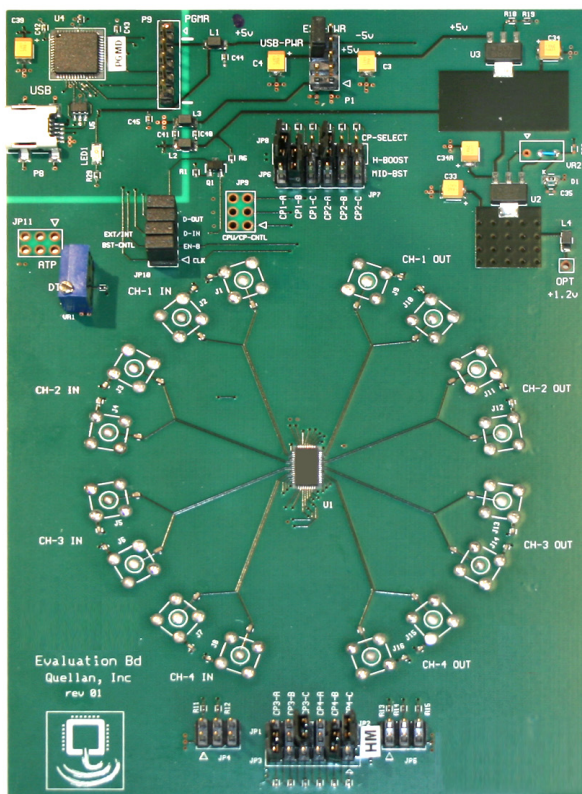


QLx4000 Series Evaluation Kit

Q:ACTIVE® Lane Extender technology is the first silicon-based solution developed specifically for copper cable applications. Integrating Q:ACTIVE components into each end of a passive cable assembly boosts the signal and reduces noise to provide a dramatic decrease in cable gauge and an increase in cable reach - up to three times that of a passive cable.

The QLx4000 evaluation board is a versatile stand-alone SMA card developed to evaluate the performance of Quellan QLx4300 and QLx4600 Quad Equalizers. The Evaluation Kit includes the evaluation board, a USB cable, a power cable, a CD with the control GUI software and a set of shorting jumpers.

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408-774-0084
www.quellan.com



QLx4600 Evaluation Board

APPLICATIONS

QLX LANE EXTENDER EVALUATION FOR:

- Active copper cable
- Line cards and switch cards
- Backplane applications

FEATURES

- QLx4000 series IC
- Boost control and power via one simple mini USB connector
- Option to power the board with a single 5V external power supply
- On board DC-DC converter provides the 1.2V supply to the IC
- Optional on board boost selection for each channel via two sets of jumpers
- Adjustable Detection Threshold

ORDERING INFORMATION

PART NUMBER: EBL4300CI

Evaluation Kit for QLx4300-S45 3 Gbps Quad Equalizer with Impedance Select

PART NUMBER: EBL4600CI

Evaluation Kit for QLx4600-S30 6 Gbps Quad Equalizer with Impedance Select

PART NUMBER: EBL4600CL

Evaluation Kit for QLx4600-SL30 6 Gbps Quad Equalizer with Loss of Signal Functionality