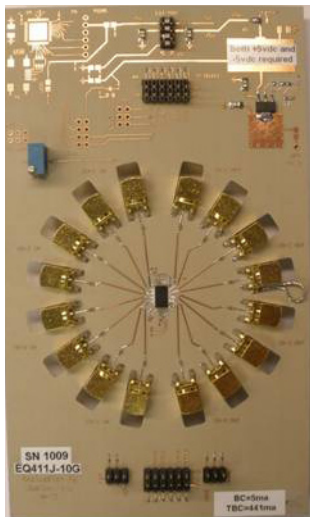


## QLx411GRx Evaluation Board

Quellan's QLX411GRx Lane Extender is a quad 11G silicon-based solution developed specifically for copper cable applications. Integrating QLx411GRx components into each end of a QSFP 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 QLx411GRx evaluation board is a versatile stand-alone SMA card developed to evaluate the performance of Quellan QLx411GRx Quad Equalizer.

[sales@quellan.com](mailto:sales@quellan.com)  
408-774-0084  
[www.quellan.com](http://www.quellan.com)



**QLx411GRx Evaluation Board**

### APPLICATIONS

#### ACTIVE CABLES:

- InfiniBand 4X and 12X Active Cables
  - InfiniBand (QDR)
- QSFP Active Cables
  - 40GBASE-CR4 (40G Ethernet)
  - InfiniBand (QDR)
- iPass™ Active Cables
- Proprietary High-Speed Interconnects

#### LINE CARDS & SWITCH CARDS:

- InfiniBand (QDR)
- 40GBASE-KR4 (40G Backplane Ethernet)
- RXAUI
- Proprietary High-Speed Interconnects

#### BACKPLANES:

- InfiniBand (QDR)
- 40GBASE-KR4 (40G Backplane Ethernet)
- RXAUI
- Proprietary High-Speed Backplanes

### FEATURES

- QLx411GRx series IC
- Single 5V external power supply
- On board DC-DC converter provides the 1.2V supply to the IC
- 8 sets of SMA connectors for high speed signals input and output
- 4 sets of 50 Ohm terminators on the channel outputs
- A variable potentiometer to set DT
- Boost setting for each channel via two sets of headers

### ORDERING INFORMATION

**PART NUMBER:** EBL411G

Evaluation Kit for QLx411GRx Quad 11 Gbps Quad Equalizer