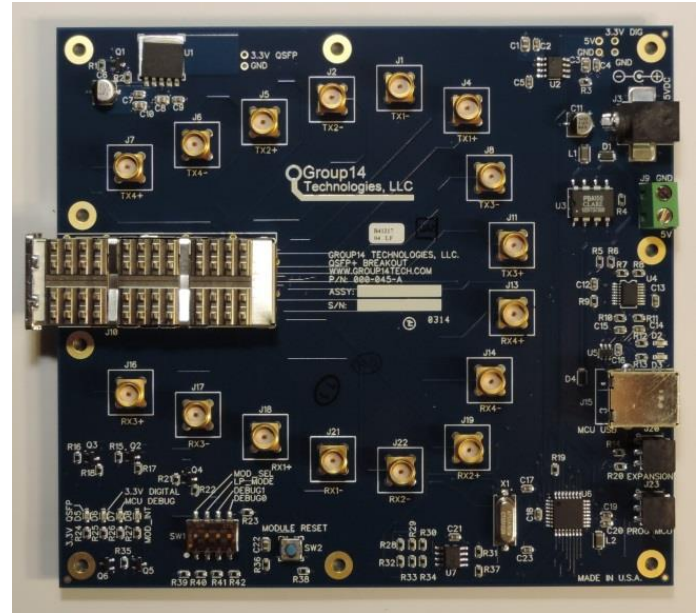
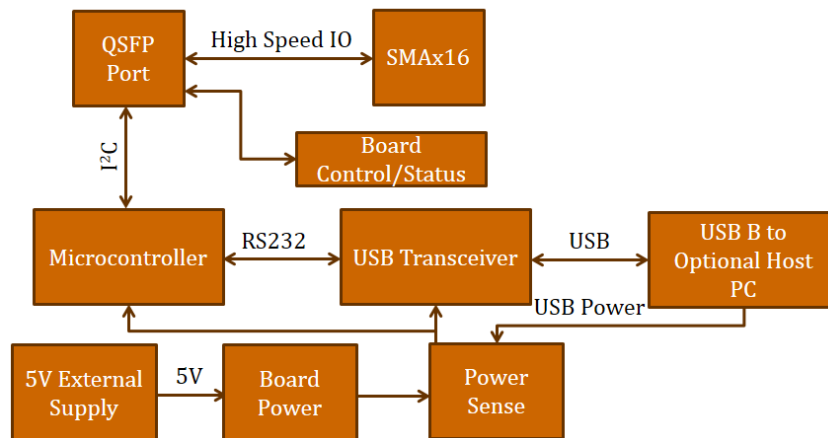


Features

- QSFP SFF-8635 (QSFP10) and SFF-8685 (QSFP14) MSA Compliant
- >10Gbps signal capable: uses FR-408 Dielectric
- SMA connections to length matched high speed lines
- USB control with CLI support (FTDI USB RS232 transceiver)
- Manual board level control and status
- Fully scriptable CLI
- Windows and Linux Support
- 5V Powered, supply included
- USB Power supported for microcontroller operation
- RoHS Compliant



QSFP Breakout Block Diagram



Overview

The QSFP Breakout is an interface board designed to connect the high speed lines of a QSFP module to SMA connectors for test and evaluation. In addition to high speed breakout, the unit can be controlled via a powerful command line interface or GUI which can control all aspects of the QSFP module per SFF-8635 and SFF-8685. Physical switches and LED status indicators are also on board for when a PC is not convenient or available. The QSFP device’s power is supplied externally but the on board microcontroller may be powered via its USB connection or with a 5V supply.

Powerful Software

- Full command line control
- Real time display
- Pin control
- Full register read/write access including dumps

Uses

- QSFP Module evaluation
- Add optical interconnection to existing evaluation system
- Link evaluation
- Production testing
- Link break tests

What's In the Box

- QSFP Breakout board
- USB Cable
- Power supply
- Website access
 - User's Guide
 - Schematics
 - Bill of materials
 - GUI software and source code
 - Drivers
 - Field reprogramming software

Ordering & Contact Information

- QSFP Breakout part number: *QSFP2SMA*
- Sales phone: (937) 985-4140
- Sales email: contactus@group14tech.com
- Web: <http://www.group14tech.com>

Typical Application

