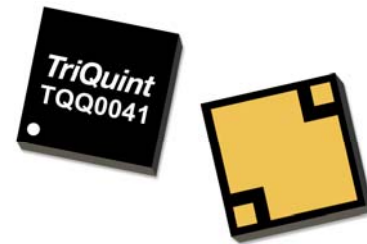


Applications

- Band 41 TD-LTE
- General Purpose Wireless



2 x 2 x 0.83 mm leadless SMT Package

Product Features

- Highly Selective BAW Filter
- Low Insertion Loss Over Band and Operating Conditions
- Internally Match for Single Ended 50 Ohm Operation
- Excellent Wi-Fi rejection
- Performance -20°C to +85°C
- Small Size: 2 x 2 x 0.83 mm SMT Package
- RoHS compliant, Pb-free

General Description

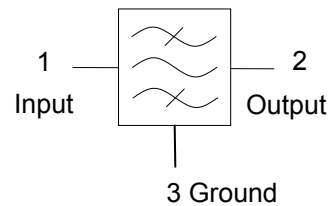
The TQQ0041 is a high-performance Bulk Acoustic Wave (BAW) Rx filter designed to meet the strict LTE rejection requirements for use in B41.

TQQ0041 is specifically designed to meet the high performance expectations for insertion loss and rejection in LTE transmit systems under all operating conditions.

The TQQ0041 uses common module packaging techniques to achieve the industry standard 2.0 x 2.0 x 0.83 mm footprint.

This module is part of TriQuint's wide portfolio of RF filters.

Functional Block Diagram



Pin Configuration

| Pin No. | Label |
|---------|---------------------|
| 1 | Input |
| 2 | Output (to Antenna) |
| 3 | Ground* |

*Note, see application section for details on optimal grounding

Ordering Information

| Part No. | Description |
|-------------|----------------------------|
| TQQ0041 | Band 41 Receive BAW Filter |
| TQQ0041-EVB | Evaluation board |

Standard T/R size = 2500 pieces per reel