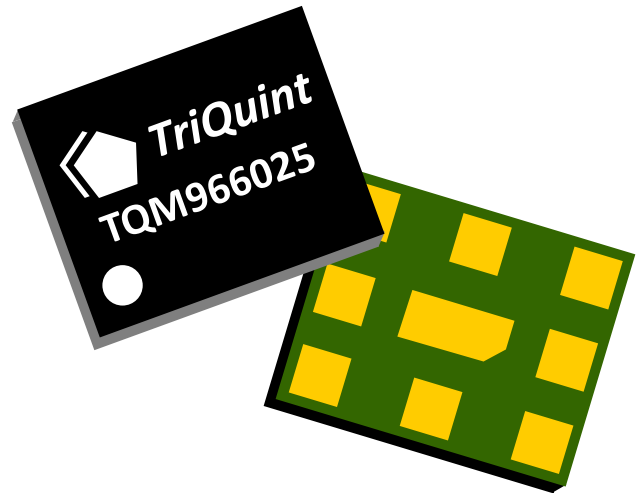


# TQM966025

## B25 BAW Diversity Rx Filter

### Applications

- CDMA / LTE handset, data card & mobile router applications using the extension PCS band (B25)



2.5 x 2.0 x 0.76 mm

### Product Features

- Highly selective BAW filter achieving low insertion loss over full bandwidth and operating conditions
- Rejection in Tx band of 40dB minimum
- Single-Ended (SE) 50ohm receive ports
- Performance -20 to +85 °C
- **RoHS** compliant, **Pb**-free module package

### General Description

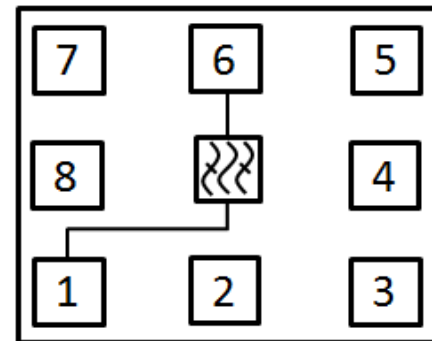
The TQM966025 is a high-performance Bulk Acoustic Wave (BAW) Receive Diversity (DRx) filter designed to meet the strict LTE rejection requirements for use in B25.

TQM966025 is specifically designed to meet the high performance expectations of insertion loss and rejection for CDMA/LTE diversity receive systems under all operating conditions.

The TQM966025 uses common module packaging techniques to achieve the industry standard 2.5 x 2.0 x 0.76 mm footprint.

### Functional Block Diagram

Top view



### Pin Configuration

Pin #	Description
1	Receive
3	N/C
6	Antenna
8	N/C (internal to GND)
2,4,5,7,9	Ground*

\*Note, see application section for details on optimal grounding

### Ordering Information

Part No.	Description
TQM966025	packaged part
TQM966025-EVB	evaluation board

Standard T/R size = 2,500 units/reel.