

## TRIUMF™ MMPA Module with Quad-Band GSM/EDGE and Penta-Band W/CDMA/HSPA+/LTE

Part # TQP9058

End of Life announced October 12, 2015 ~ December 2, 2015.

Last Time Buy May 20, 2016.

Last Time Buy Contact your local sales representative for assistance.

Please use TQP9058H as a replacement.

### Key Features

- Quad-Band Linear GSM/EDGE
- UMTS B1,2,3/4 and B5,8
- Input power controlled – GMSK and 8PSK
- GSM has 2 modes – HPM, LPM
- W/CDMA has 2 modes – HPM, LPM
- HBT / CuFlip™ PA Technology
- Integrated coupler and Band distribution switches
- Built-in voltage regulator
- 50 ohm input and output impedance
- Lead-free 260 C / RoHS / Halogen-free
- 42 Pin 5x7x1.0 mm package

### Description

The TQP9058 is a fully matched multimode multiband Power Amplifier Module that supports Quad-band Linear GSM/EDGE, W/CDMA & LTE Bands 1, 2, 3/4, 5 & 8. The GSM PA output power is controlled by the input power coming from the transceiver in both GMSK and 8PSK modes. The 2-Gain state WCDMA PA operates in LPM and HPM to maximize talk time over the entire range of operating conditions. It also includes a coupler and built-in regulator, ideal for today's extremely small data enabled phones.

The TQM7M9050 is designed on TriQuint's GaAs HBT technology with CuFlip™ assembly offering state of the art reliability, temperature stability and ruggedness. RF performance meets the stringent linearity requirements for multimode operation.

### Specifications

<b>Size (mm)</b>	7.0 x 5.0 x 1.0
<b>Bands</b>	GSM850 / 900, DCS / PCS & WCDMA & LTE B1, B2, B3/4, 5 and 8
<b>Features</b>	High / Low Power Modes
<b>RoHS</b>	Yes
<b>Lead Free</b>	Yes
<b>Halogen Free</b>	Yes

**Typical Applications**

Datacards	M2M
GSM / CDMA / WCDMA / LTE	Mobile Devices
Handsets	Tablets

**Additional Information**

<b>Status</b>	Last Time Buy
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