

## UMTS PA Module

TriQuint introduces the TQM7M60001 dual-band UMTS power amplifier module (PAM) in a small form factor  $15.4 \times 15.4 \times 1.1$  mm. The module is designed to support cost-effective GSM/EDGE/UMTS (HSDPA) compressed mode phone architectures with only one antenna. The TQM7M6001 power amplifier module's biasing circuit is optimized for low idle current consumption (below 30 mA), which results in increased handset talk time in UMTS mode. The TQM7M6001's output power (27.5 dBm minimum) offers ample margin for front-end losses. Furthermore, its linearity (7 dB margin to ETSI-requirements for UMTS) offers sufficient margin for applying additional transmit channels for large-scale data transmission rates, enabling next generation 3G phones for HSDPA.

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<http://www.wirelessdesignmag.com/product-releases/2004/12/umts-pa-module>