ACPM-7788

Multiband Multimode PA Quad-Band GSM/EDGE and MultiMode B1/B2/B3/B4/B34,B39/B5(B26)/B8/B17/B20/B28A/B28B(B13)

Product Brief

Description

The ACPM- 7788 is a multiband multimode PA which supports GMSK and 8-PSK modulation schemes and UMTS bands 1, 2, 3, 4, 34, 39, 5, 8, 13, 17, 20, 28A and 28B.

Input and output terminals are internally matched to 50 ohms. The power amplifier is manufactured on an advanced InGaP HBT technology offering state-of-the-art reliability, temperature stability and ruggedness. This module is housed in a cost effective, extremely small and thin 5mmx7mm package.

Ordering Information

Part Number	Number of Devices	Container
ACPM-7788-TR1	1000	178 mm (7 in.) tape/reel

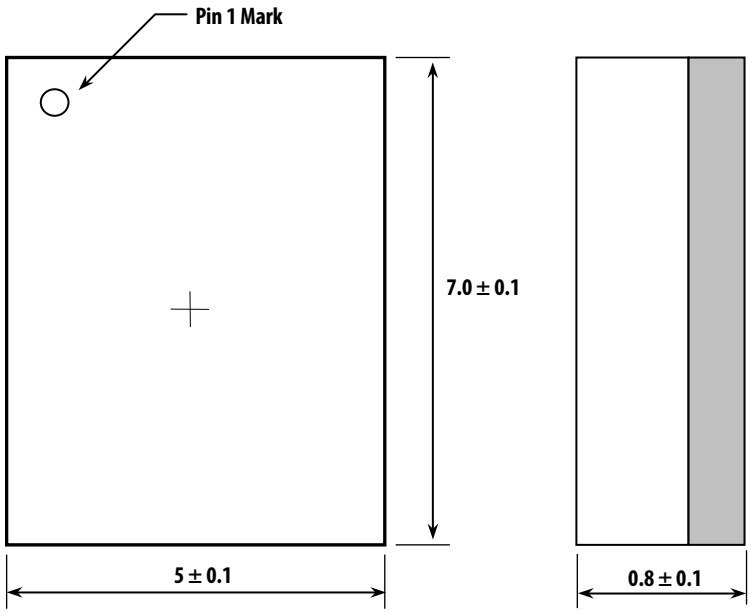
Features

- Quad Band GSM/EDGE
- UMTS/LTE: 5 High Band Outputs and 6 Low Band Outputs
- UMTS B1, B2, B3, B4, B34/39, B5(B26), B8, B17, B20, B28A and B28B (B13)
- Small Size (7x5mm2)
- APT Compatible
- High Efficiency with APT
- Compatible with MIPI RFFE
- 42-pin surface mounting package
- Internal 50 Ω matching networks for both RF input and output
- Green- Lead-free and RoHS compliant

Applications

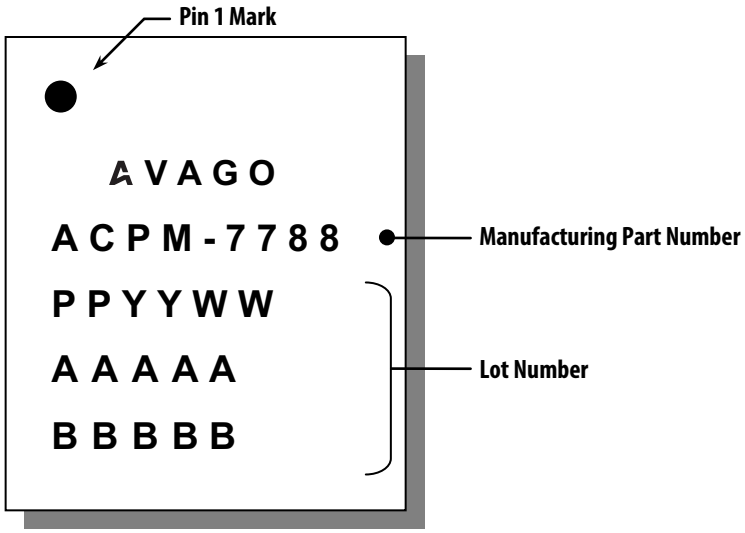
- GSM850/900, DCS1800/PCS1900
- UMTS/LTE B1, C2K BC6
- UMTS/LTE B2, LTE B25, C2K BC1
- UMTS/LTE B3
- UMTS/LTE B4
- TD-SCDMA B34, B39, TD-LTE B39
- UMTS/LTE B5, LTE B26, C2K BC0 (BC10)
- UMTS/LTE B8
- LTE B17, B20, B28A and B28B (B13)

Package Dimensions

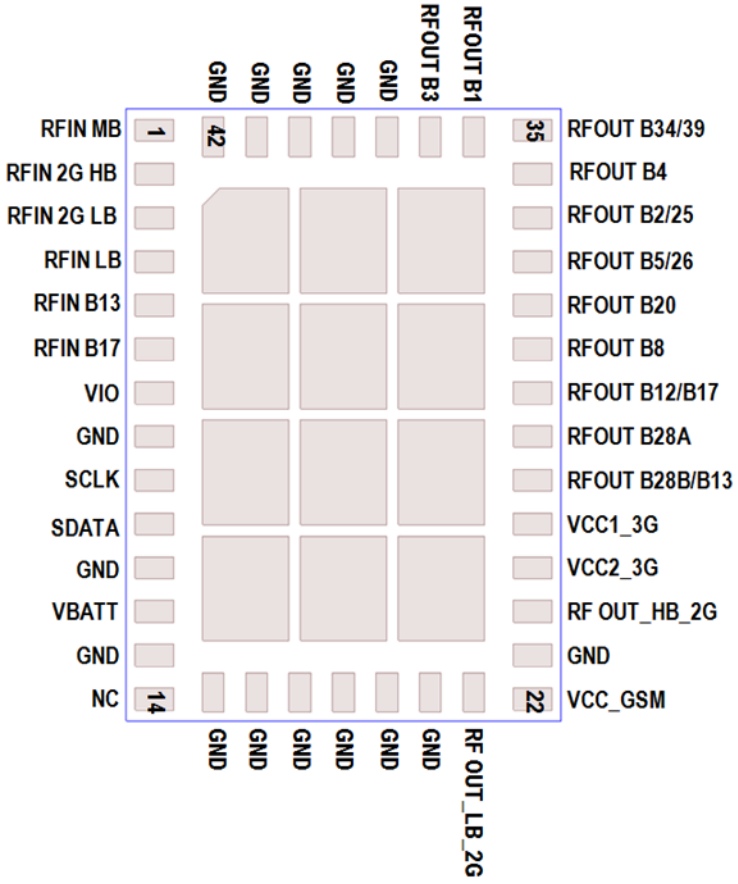


All dimensions in millimeters

Marking Specification



Pin Description



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Lead (Pb) Free
RoHS 6 fully compliant
RoHS 6 fully compliant options available;
-xxxE denotes a lead-free product