ACPM-7777

Multiband Multimode PA
Quad-Band GSM/EDGE and Multi Mode
B1/B2/B3/B4/B5/B8/B17(13,20,28)

Product Brief

Description

The ACPM- 7777 is a multiband multimode PA that supports GMSK and 8-PSK modulation schemes and UMTS bands 1, 2, 3, 4(34,39), 5, 8 and 17(13,20,28).

A directional coupler is integrated for UMTS PAs and isolation port is terminated internally.

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 5 mm × 7 mm package.

Features

- Internal daisy-chain coupler
- Quad band GSM/EDGE
- UMTS/LTE: 4 high band outputs and 3 low band outputs
- UMTS B1, B2, B3, B4, B5, B8 and B17(13,20,28)
- Small size (7 mm × 5 mm)
- APT compatible
- High efficiency with APT
- Compatible with MIPI RFFE
- Internal 50 Ω matching networks for both RF input and output
- Green – lead-free and RoHS compliant

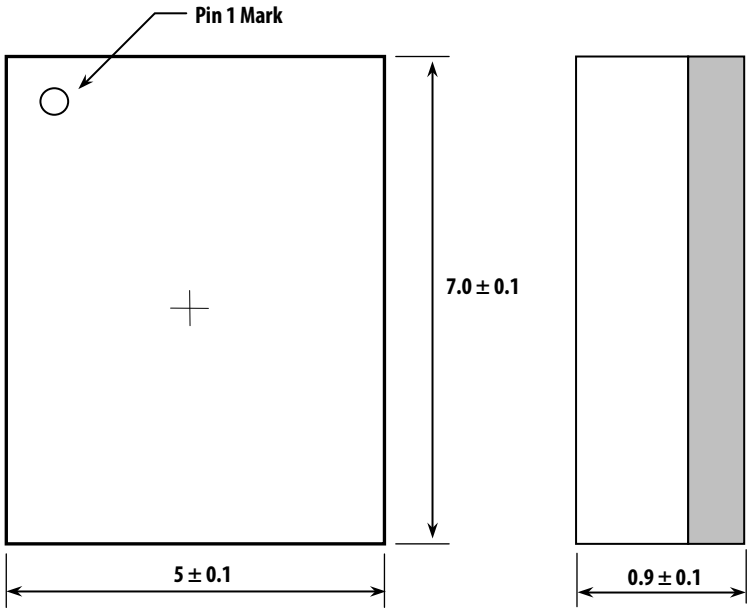
Applications

- 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
- UMTS/LTE B8
- LTE B17, B13, B20 or B28

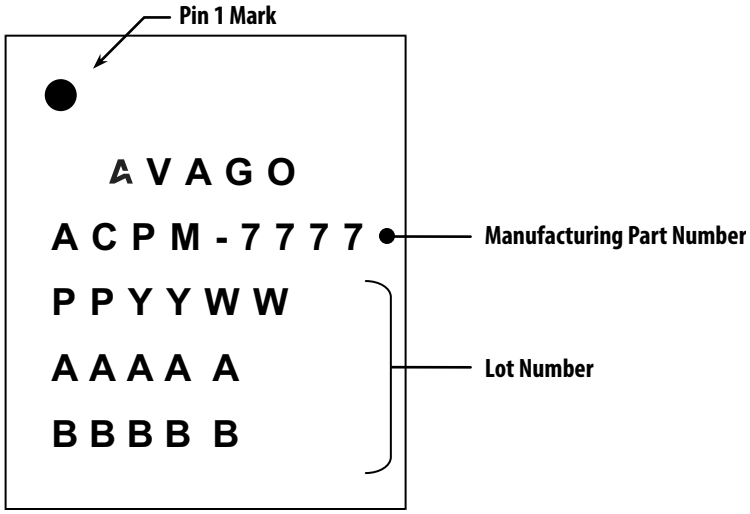
Ordering Information

Part Number	Number of Devices	Container
ACPM-7777-TR1	1000	178 mm (7 in.) tape/reel

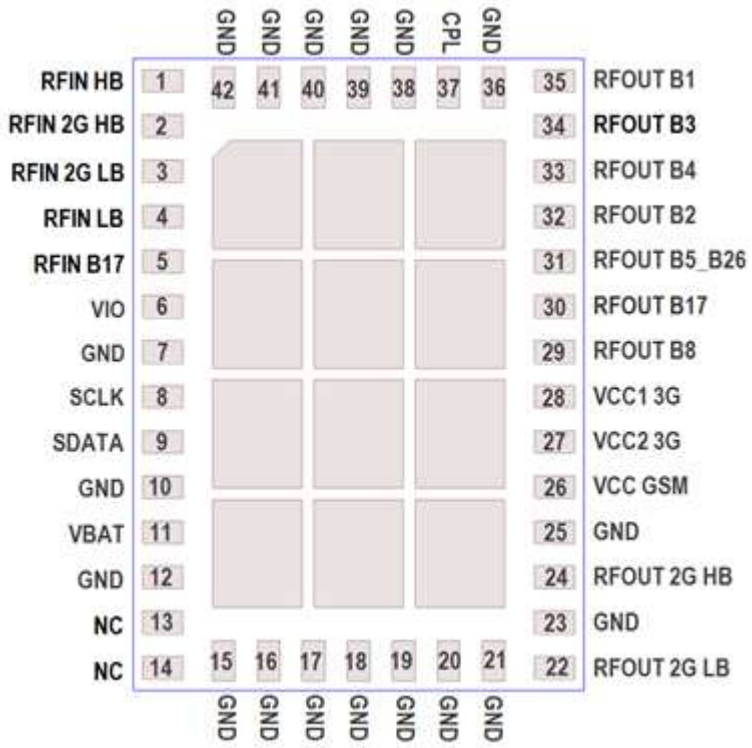
Package Dimensions



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