



Technology by RDA
connects you **anytime, anywhere...**

Products

- ▶ Cellular Products
- ▶ Connectivity Products
- ▶ Broadcast Products
- ▶ Sample Application

GSM/EDGE power amplifier module

The current position is: Home - Products - GSM/EDGE power amplifier

RDA6216 Power Amplifier Module



Download: For Datasheet

The RDA6216 is a high-power, high-efficiency quad-band power amplifier Module. This device is designed for GSM850, EGSM900, DCS, PCS and EDGE handheld digital cellular equipment. The power amplifiers and their controller are fabricated with GaAs Heterojunction Bipolar Transistor (HBT) and CMOS respectively. The package of this device is 6mm×6mm×1.1mm 10-pins LGA. The input and output are realized on-chip matched to 50Ω. The low-pass filter for ramping signal is integrated in CMOS controller. The RDA6216 requires few external components, simplifying PCB layout and reducing PCB board space.

Features

1. GSM and Linear EDGE Operation
2. Ultra-Small 6mm×6mm Package
3. Quad-Band Power Amplifier
4. Complete Power Control Solution
5. High efficiency
6. Low supply voltage (3.2~4.5V)
7. Input/Output matched @ 50Ω
8. Advanced HBT/CMOS process



Download: For Datasheet

