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RDA6232 Front-end Module



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The RDA6232 is a high-power, high-efficiency quad-band front-end Module. This device is designed for GSM850, EGSM900, DCS1800, PCS1900 handheld digital cellular equipment. The module consists of quad band power amplifiers and quad band antenna switch. The power amplifiers, switch and their controller are fabricated with GaAs HBT, GaAs PHEMT and CMOS respectively.

The device package is 6mm×6mm×1.1mm 28-pins LGA. The input and output are realized on-chip matched to 50Ω. The RDA6232 requires few external components, simplifying PCB layout

Features

- 1.Ultra-Small 6mm×6mm Package
- 2.Quad-Band Power Amplifier with RF switches
- 3.ESD protection at Antenna
- 4.Complete Power Control Solution
- 5.High efficiency
- 6.Low supply voltage (3~4.5V)
- 7.Input/Output matched @ 50Ω
- 8.Advanced HBT/PHEMT/CMOS process



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