
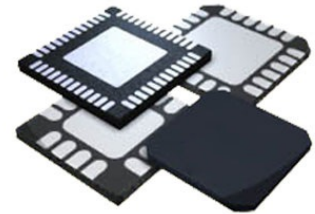


RF Amp Single Power Amp 3.8GHz 5.5V 24-Pin QFN EP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	QFN
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC409LP4(E) is a high efficiency GaAs InGaP HBT MMIC Power amplifier operating from 3.3 to 3.8 GHz. The amplifier is packaged in a low cost, leadless SMT package. Utilizing a minimum of external components the amplifier provides 31 dB of gain and +32.5 dBm of saturated power from a +5V supply voltage. The power control (Vpd) can be used for full power down or RF output power/current control. For +22 dBm OFDM output power (64 QAM, 54 Mbps), the HMC409LP4(E) achieves an error vector magnitude (EVM) of 2%, meeting WiMAX 802.16 linearity requirements.

Key Features

- Gain: 31 dB
- 40% PAE @ +32.5 dBm pout
- 2% EVM @ Pout = +22 dBm
- Integrated Power Control (Vpd)
- Single +5V Supply

Application

- WiMAX 802.16
- Fixed Wireless Access
- Wireless Local Loop

Recommended For You

HMC624ALP4E

Analog Devices, Inc
QFN24

HMC952ALP5GE

Analog Devices, Inc
QFN

HMC361S8GE

Analog Devices, Inc
SOP-8

HMC253AQS24E

Analog Devices, Inc
QFN

HMC346MS8G

Analog Devices, Inc
MSOP8

HMC1119LP4ME

Analog Devices, Inc
QFN

HMC659LC5

Analog Devices, Inc

QFN

HMC909LP4E

Analog Devices, Inc

QFN

HMC564LC4

Analog Devices, Inc

QFN

HMC1021LP4E

Analog Devices, Inc

QFN

HMC241AQS16E

Analog Devices, Inc

SSOP16

HMC424LP3E

Analog Devices, Inc

QFN

HMC662LP3E

Analog Devices, Inc

QFN

HMC8038LP4CE

Analog Devices, Inc

QFN16

HMC363S8G

Analog Devices, Inc

SOP8