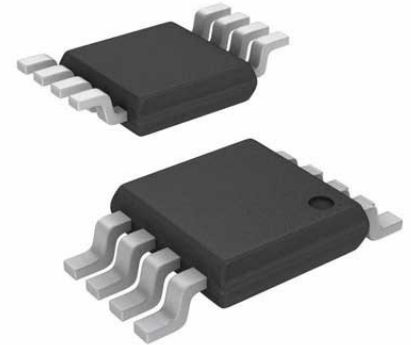


## RF Amp Single Power Amp 7GHz 5.5V 8-Pin MSOP EP T/R



Images are for reference only

Inquiry

**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** MSOP8

**Product Type:** Amplifier ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The HMC407MS8G & HMC407MS8GE are high efficiency GaAs InGaP Heterojunction Bipolar Transistor (HBT) MMIC Power amplifiers which operate between 5 and 7 GHz. The amplifier requires no external matching to achieve operation and is thus truly 50 Ohm matched at input and output. The amplifier is packaged in a low cost, surface mount 8 leaded package with an exposed base for improved RF and thermal performance. The amplifier provides 15 dB of gain, +29 dBm of saturated power at 28% PAE from a +5V supply voltage. Power down capability is available to conserve current consumption when the amplifier is not in use.

Applications  
 UNII  
 HiperLAN

### Key Features

- Gain: 15 dB
- Saturated Power: +29 dBm
- 28% PAE
- Supply Voltage: +5V
- Power Down Capability
- No External Matching Required

### Application

- UNII
- HiperLAN

### 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