
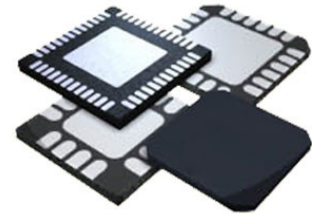


## RF Amp Single Power Amp 5.9GHz 5.5V 16-Pin QFN EP T/R

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	QFN
<b>Product Type:</b>	Amplifier ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The HMC408LP3(E) is a 5.1 - 5.9 GHz high efficiency GaAs InGaP Heterojunction Bipolar Transistor (HBT) Power Amplifier MMIC which offers +30 dBm P1dB. The amplifier provides 20 dB of gain, +32.5 dBm of saturated power, and 27% PAE from a +5V supply voltage. The input is internally matched to 50 Ohms while the output requires a minimum of external components. Vpd can be used for full power down or RF output power/current control. The amplifier is packaged in a low cost, 3x3 mm leadless surface mount package with an exposed base for improved RF and thermal performance.

#### Applications

802.11a & HiperLAN WLAN  
 UNII & Pt-to-Pt / Multi-Point Radios  
 Access Point Radios

### Key Features

- 32.5dBm at 27% PAE Saturated power
- Power down capability
- Offer +30dBm P1dB

### Application

RF Communications

### 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