
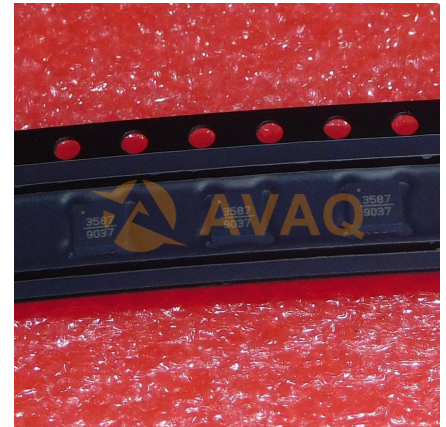


## RF Amp Single MMIC Amp 10GHz 6V 12-Pin QFN EP T/R

<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 HMC3587LP 3BE is a HBT Gain Block MMIC amplifier covering 4 GHz to 10 GHz and packaged in a 3x3 mm plastic QFN SMT package. This versatile amplifier can be used as a cascadable IF or RF gain stage in 50 Ohm applications. The HMC3587LP 3BE delivers 14.5 dB gain, and +13 dBm output P1dB with only 3.5 dB noise figure.

#### Applications

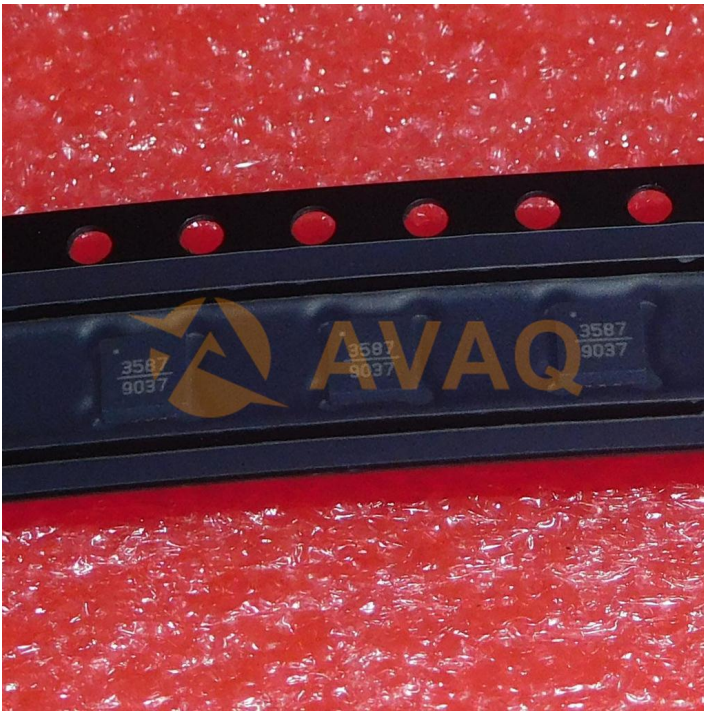
- Cellular / PCS / 3G
- Fixed Wireless & WLAN
- CATV, Cable Modem & DBS
- Microwave Radio & Test Equipment
- IF & RF Applications

### Key Features

- High Output IP3: +25 dBm
- Single Positive Supply: +5V
- Low Noise Figure: 3.5 dB(1)
- 12 Lead 3x3 mm SMT Package: 9 mm<sup>2</sup>

### Application

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## Recommended For You

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### **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