

RF Amplifier IC, 13 dB Gain / 4.75 dB Noise, 6.5 GHz to 13.5 GHz, 5 V, HVQFN-16

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFN-16
Product Type	RF Amplifiers
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC441LP3E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The HMC441LP3E is a broadband GaAs pHEMTMMIC Medium Power Amplifiers which operate between 6.5 and 13.5 GHz. The leadless plastic QFN surface mount packaged amplifier provides 14 dB of gain, +20 dBm saturated power at 20% PAE from a +5V supply voltage. An optional gate bias is provided to allow adjustment of gain, RF output power, and DC power dissipation. This 50 Ohm matched amplifier does not require any external components making it an ideal linear gain block or driver for HMC SMT mixers.

## Features

Gain: 14 dB

Saturated Power: +20 dBm @ 20% PAE

Single Supply Voltage:

50 Ohm Matched Input/Output

16 Lead 3x3mm SMT Package: 9mm<sup>2</sup>

## Application

Point-to-Point Radios

Point-to-Multi-Point Radios

VSAT

LO Driver for HMC Mixers

Military EW & ECM



### Related Products



#### [HMC3653LP3BE](#)

Analog Devices, Inc  
QFN-12



#### [HMC253AQS24](#)

Analog Devices, Inc  
24-SSOP (0.154, 3.90mm Width)



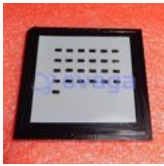
#### [HMC948LP3E](#)

Analog Devices, Inc  
LP3



#### [HMC358MS8GE](#)

Analog Devices, Inc  
MSOP-8



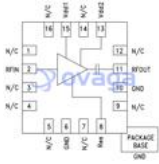
**HMC490**

Analog Devices, Inc  
SMD



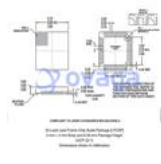
**HMC453ST89E**

Analog Devices, Inc  
ST89E



**HMC618ALP3E**

Analog Devices, Inc  
QFN-16



**HMC463LP5E**

Analog Devices, Inc  
QFN-32