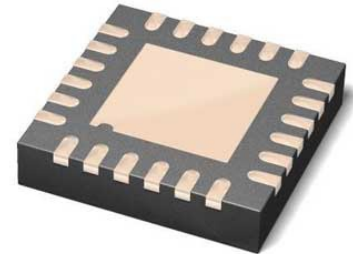


RF Amplifier, PHEMT, 25 dB Gain / 2 dB Noise, 17 GHz to 27 GHz, 3.5 V to 4.5 V Supply, QFN-24

Manufacturers	Analog Devices, Inc
Package/Case	QFN24
Product Type	RF Amplifiers
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC751LC4 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC751 is a high dynamic range GaAs PHEMT MMIC Low Noise Amplifier (LNA) housed in a leadless "Pb free" RoHS compliant SMT package. The HMC751 provides 25 dB of small signal gain, 2.2 dB of noise figure and output IP3 of +25 dBm. The P1dB output power of +13 dBm also enables the LNA to function as a LO driver for balanced, I/Q or image reject mixers. The HMC751 allows the use of surface mount manufacturing techniques.

Features

Noise Figure: 2.2 dB

Gain: 25 dB

Output IP3: +25 dBm

Single Supply: +4V @ 73 mA

50 Ohm Matched Input/Output

24 Lead 4x4mm SMT Package: 16mm²

Application

Point-to-Point Radios

Point-to-Multi-Point Radios & VSAT

Test Equipment and Sensors

Military

Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc
QFN-12



[HMC441LP3E](#)

Analog Devices, Inc
QFN-16



[HMC253AQS24](#)

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



[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



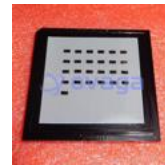
[HMC453ST89E](#)

Analog Devices, Inc
ST89E



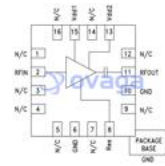
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC490](#)

Analog Devices, Inc
SMD



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16