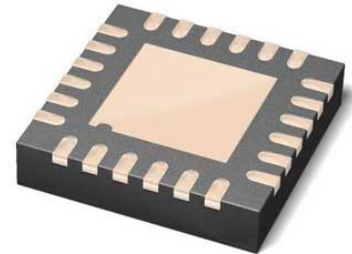


GaAs HEMT MMIC LOW NOISE AMPLIFIER, 24

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 HMC752LC4 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC752LC4 is a GaAs MMIC Low Noise Wideband Amplifier housed in a leadless 4x4 mm ceramic surface mount package. The amplifier operates between 24 and 28 GHz, providing up to 25 dB of small signal gain, 2.5 dB noise figure, and output IP3 of +26 dBm, while requiring only 70 mA from a +3V supply. The P1dB output power of up to +13 dBm enables the LNA to function as a LO driver for balanced, I/Q or image reject mixers. The HMC752LC4 also features I/Os that are DC blocked and internally matched to 50 Ohms, making it ideal for high capacity microwave radios or VSAT applications.

Features

Noise Figure: 2.5 dB

Gain: 25 dB

P1dB Output Power: +13 dBm

Supply Voltage: +3V @ 70 mA

Output IP3: +26 dBm

50 Ohm Matched Input/Output

24 Lead 4x4mm SMT Package: 16mm²

Application

Point-to-Point Radios

Point-to-Multi-Point Radios

Military & Space

Test Instrumentation

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)



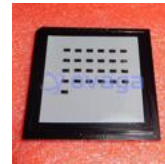
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



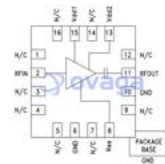
[HMC490](#)

Analog Devices, Inc
SMD



[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16