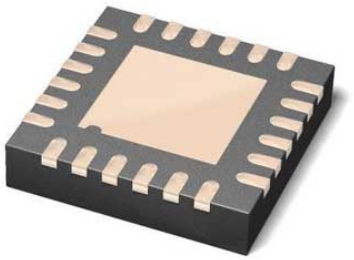
HMC997LC4

Data Sheet

RF Amp Chip Single GP 27GHz 5.5V 24-Pin CQFN EP T/R

Manufacturers	Analog Devices, Inc
Package/Case	QFN-24
Product Type	Amplifier - RF Chip
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC997LC4 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The HMC997LC4 is a GaAs MMIC PHEMT analog variable gain amplifier and / or driver amplifier which operates between 17 and 27 GHz. Ideal for microwave radio applications, the amplifier provides up to 20.5 dB of gain, output P1dB of up to +24 dBm, and up to +31 dBm of output IP3 at maximum gain, while requiring only 170 mA from a +5V supply. A gain control voltage (Vctrl) is provided to allow variable gain control up to 15 dB. Gain flatness is excellent making the HMC997LC4 ideal for EW, ECM and radar applications. The HMC997LC4 is housed in a RoHS compliant 4 x 4 mm ceramic QFN leadless package and is compatible with high volume surface mount manufacturing.

Features

Wide Gain Control Range:15 dB

Single Control Voltage

Output IP3 @ Max Gain:+31 dBm

Output P1dB: +24 dBm

No External Matching

24 Lead 4 x 4 mm SMT Package: 16 mm²

Application

Point-to-Point Radio

Point-to-Multi-Point Radio

EW & ECM Subsystems

Ka-Band Radar

Test Equipment

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]

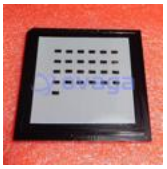
Analog Devices, Inc

LP3

[HMC358MS8GE]

Analog Devices, Inc

MSOP-8



[HMC490]

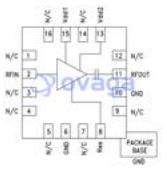
Analog Devices, Inc

SMD

[HMC453ST89E]

Analog Devices, Inc

ST89E



[HMC618ALP3E]

Analog Devices, Inc

QFN-16