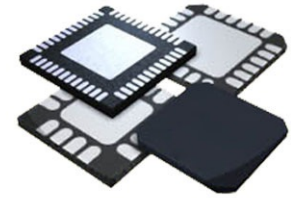


RF Amp Single MMIC Amp 26.5GHz 4V 24-Pin CLLCC EP Cut Tape



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: QFN

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The HMC963LC4 is a self-biased GaAs MMIC Low Noise Amplifier housed in a leadless 4x4 mm ceramic surface mount package. The amplifier operates between 6 and 26.5 GHz, providing 20 dB of small signal gain, 2.5 dB noise figure, and output IP 3 of +18 dBm, while requiring only 45 mA from a +3.5 V supply. The P1dB output power of +10 dBm enables the LNA to function as a LO driver for balanced, I/Q or image reject mixers. The HMC963LC4 also features I/Os that are DC blocked and internally matched to 50 Ohms, making it ideal for high capacity microwave radios and VSAT applications.

Key Features

Low Noise Figure: 2.5 dB

High Gain: 22 dB

P1dB Output Power: 10 dBm

Single Supply Voltage: +3.5V @ 45mA

Output IP3: +18 dBm

50 Ohm matched Input/Output

24 Lead 4x4 mm SMT Package: 16mm

Application

Point-to-Point Radios

Point-to-Multi-Point Radios

Military & Space

Test Instrumentation

Recommended For You

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