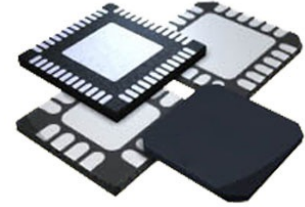


RF Amp Single Driver Amp 20GHz 5.5V 24-Pin CLLCC EP T/R



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 HMC634LC4 is a GaAs PHEMT MMIC Driver Amplifier in a leadless 4 x 4 mm ceramic surface mount package which operates between 5 and 20 GHz. The amplifier provides up to 21 dB of gain, +29 dBm Output IP3, and +22 dBm of output power at 1 dB gain compression, while requiring 180 mA from a +5V supply. The HMC634LC4 is an ideal driver amplifier for microwave radio applications from 5 to 20 GHz, and may be biased at +5V, 130 mA to provide lower gain with optimized PAE. The amplifier's I/Os are DC blocked and matched to 50 Ohms with no external matching required.

Key Features

Gain: 21 dB

P1dB: +22 dBm

Saturated Power: +23 dBm @ 17% PAE

Single Supply Voltage: +5V @180 mA

50 Ohm Matched Input/Output

24 Lead Ceramic 4x4mm SMT Package: 16mm²

Application

Point-to-Point Radios

Point-to-Multi-Point Radios & VSAT

LO Driver for Mixers

Military & Space

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