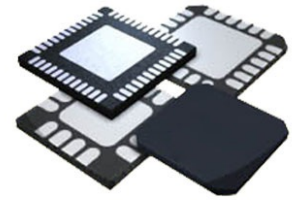


RF Amp Single Power Amp 30GHz 5.5V 24-Pin CLLCC EP Cut Tape



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 HMC383LC4 is a general purpose GaAs PHEMT MMIC Driver Amplifier housed in a leadless RoHS compliant SMT package. The amplifier provides 15 dB of gain and +18 dBm of saturated power from a single +5V supply. Consistent gain and output power across the operating band make it possible to use a common driver/LO amplifier approach in multiple radio bands. The RF I/Os are DC blocked and matched to 50 Ohms for ease of use. The HMC383LC4 is housed in a RoHS compliant leadless 4x4 mm package allowing the use of surface mount manufacturing techniques.

Key Features

- Gain: 15 dB
- Saturated Output Power: +18 dBm
- Output IP3: +25 dBm
- Single Positive Supply: +5V @ 100 mA
- 50 Ohm Matched Input/Output
- RoHS Compliant 4x4 mm Package

Application

- Point-to-Point Radios
- Point-to-Multi-Point Radios & VSAT
- Test Equipment & Sensors
- LO Driver for HMC 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