
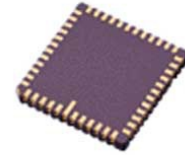


**RF Amp Single MMIC Amp 40GHz 5.5V 24-Pin CLLCC EP
T/R**

Manufacturer:	Analog Devices, Inc
Package/Case:	LCC24
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

The HMC635LC4 is a GaAs PHEMT MMIC Driver Amplifier die which operates between 18 and 40GHz. The amplifier provides 18.5 dB of gain, +27dBm Output IP3, and +22 dBm of output power at 1dB gain compression, while requiring 280 mA from a +5V supply. Ideal as a driver amplifier for microwaveradio applications, or as an LO driver for mixersoperating between 18 and 40 GHz, the HMC635LC4is capable of providing up to +23.5 dBm of saturatedoutput power at 15% PAE. The amplifier’s I/Os are DCblocked and internally matched to 50 Ohms making itideal for integration into Multi-Chip-Modules (MCMs).

Key Features

- Gain: 18.5 dB
- P1dB: +22 dBm
- Output IP3: +27 dBm
- Saturated Power: +23.5 dBm @ 15% PAE
- Supply Voltage: +5V @ 280 mA
- 50 Ohm Matched Input/Output
- 24 Lead Ceramic 4x4mm SMT Package: 16mm²

Application

- Point-to-Point Radios
- Point-to-Multi-Point Radios & VSAT
- Military & Space
- LO Driver for Mixers

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