

RF Amp Single Power Amp 18GHz 6V 12-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 HMC441LC3B is an efficient GaAs PHEMTMMIC Medium Power Amplifier housed in a leadlessRoHS compliant SMT package. Operating between 6 and 18 GHz, the amplifier provides 14 dB of gain, +21.5 dBm of saturated power and 27% PAE from a +5V supply. This 50 Ohm matched amplifier does not require any external components and operates from a single positive supply, making it an ideal linear gain block or driver for HMC SMT mixers. The HMC441LC3B is compatible with high volume surface mount manufacturing techniques, and the I/Os are DC blocked for further ease of integration.

Key Features

Gain: 14 dB

Saturated Output Power: +21.5 dBm @ 27% PAE

Single Positive Supply: +5V @ 90 mA

50 Ohm Matched Input/Output

12 Lead Ceramic 3x3mm SMT Package: 9mm

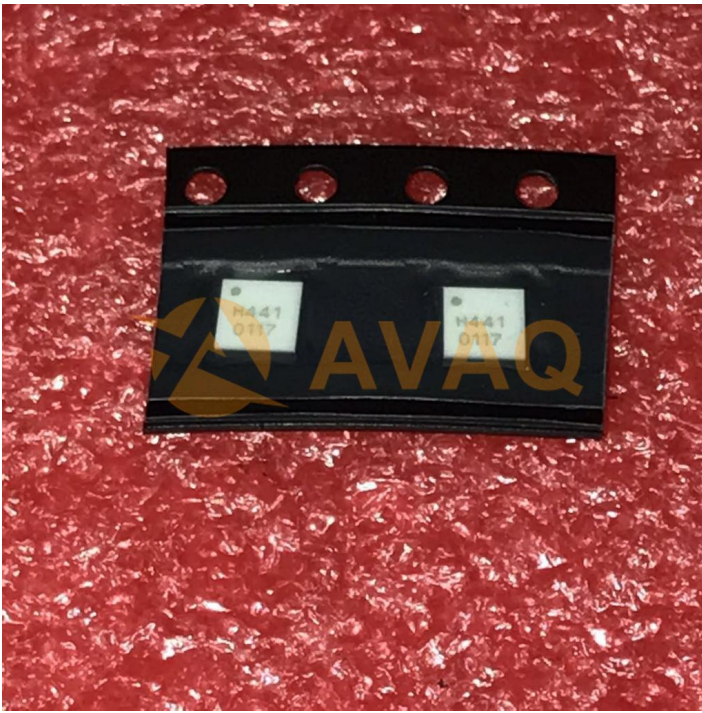
Application

Point-to-Point Radios

Point-to-Multi-Point Radios & VSAT

LO Driver for HMC Mixers

Military EW & ECM



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