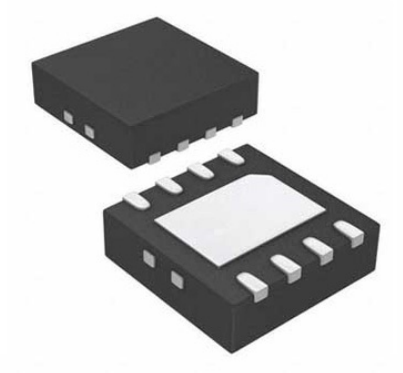


GaAs PHEMT MMIC MEDIUM POWER AMPLIFIER, 7.0 - 15.5 GHz

Manufacturers	Analog Devices, Inc
Package/Case	QFN-8
Product Type	High-frequency devices
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC441LM1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC441LM1 is a broadband 7 to 15.5 GHz GaAs PHEMT MMIC Medium Power Amplifier in an SMT leadless chip carrier package. The amplifier provides 15 dB of gain, 21.5 dBm of saturated power at 27% PAE from a +5V supply voltage. An optional gate bias is provided to allow adjustment of gain, RF output power, and DC power dissipation. This 50 Ohm matched amplifier does not require any external components making it an ideal linear gain block or driver for HMC SMT mixers.

Features

Gain: 15 dB

Saturated Power: +21.5 dBm @ 27% PAE

Single Supply Voltage: +5V w/ Optional Gate Bias

50 Ohms Matched Input/Output

Leadless SMT Package, 25mm²

Application

Point-to-Point Radios

Point-to-Multi-Point Radios

VSAT

LO Driver for HMC Mixers

Military EW & ECM

Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc

QFN-12



[HMC441LP3E](#)

Analog Devices, Inc

QFN-16



[HMC253AQS24](#)

Analog Devices, Inc
24-SSOP (0.154, 3.90mm Width)



[HMC948LP3E](#)

Analog Devices, Inc
LP3



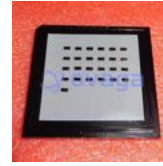
[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



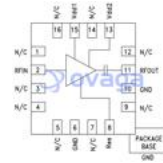
[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC490](#)

Analog Devices, Inc
SMD



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16