

GaAs PHEMT MMIC MEDIUM POWER AMPLIFIER, 7.0 - 15.5 GHz

Manufacturers	Analog Devices, Inc
Package/Case	QFN12
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC441LH5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC441LH5 is a broadband 7 to 15.5 GHz GaAs PHEMT MMIC Medium Power Amplifier housed in a hermetic SMT leadless package. The amplifier provides 15 dB of gain and 21.5 dBm of saturated power at 25% PAE from a +5V supply. This 50 Ohm matched amplifier does not require any external components, and the RF I/Os are DC blocked, making it an ideal linear gain block or driver amplifier. The HMC441LH5 allows the use of surface mount manufacturing techniques and is suitable for high reliability military, industrial & space applications.

Features

- Gain: 15 dB
- Saturated Power: +21.5 dBm @ 25% PAE
- Single Positive Supply: +5V
- 50 Ohms Matched Input/Output
- Hermetic SMT Package, 25mm²
- Screening to MIL-PRF-38535 (Class B or S) Available

Application

- Telecom Infrastructure
- Military Radio, Radar & ECM
- Space Systems
- Test Instrumentation

Related Products



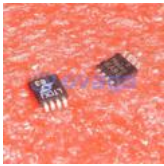
[HMC591LP5E](#)

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[HMC589AST89E](#)

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SOT-89



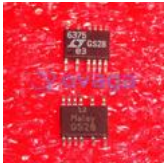
[LTC6102HMS8#PBF](#)

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QFN-16



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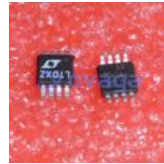
[HMC464LP5](#)

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