

GaAs PHEMT MMIC POWER AMPLIFIER, 2.0 - 20.0 GHz

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFN32
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HMC464LP5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The HMC464LP5(E) is a GaAs MMIC PHEMT Distributed Power Amplifier in leadless 5x5 mm surface mount package which operates between 2 and 20 GHz. The amplifier provides 14 dB of gain, +30 dBm output IP3 and +26 dBm of output power at 1 dB gain compression while requiring 290 mA from a +8V supply. Gain flatness is good from 2 - 18 GHz making the HMC464LP5(E) ideal for EW, ECM and radar driver amplifiers as well as test equipment applications. The wideband amplifier I/O's are internally matched to 50 Ohms.

## Features

Output Power: +26 dBm P1dB

Gain: 14 dB

Output IP3: +30 dBm

Supply Voltage: +8V @ 290 mA

50 Ohm Matched Input/Output

25 mm<sup>2</sup> Leadless SMT Package

## Application

Telecom Infrastructure

Microwave Radio & VSAT

Military EW, ECM & C<sup>3</sup>I

Test Instrumentation

Fiber Optics



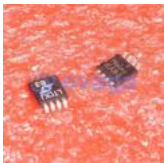


## Related Products



### [HMC591LP5E](#)

Analog Devices, Inc  
QFN32



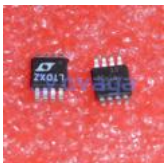
### [LTC6102HMS8#PBF](#)

Analog Devices, Inc  
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### [LTC6102HMS8](#)

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### [HMC589AST89E](#)

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