

RF Amplifier IC, 7.5 dB Gain / 6.5 dB Noise, 400 MHz to 2.17 GHz, 5 V, SOT-89-3



Images are for reference only

Manufacturers	Analog Devices, Inc
Package/Case	ST89E
Product Type	RF Amplifiers
RoHS	Pb-free Halide free
Lifecycle	

Please submit RFQ for HMC453ST89E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC453ST89(E) is a high dynamic range GaAs InGaP HBT 1.6 Watt MMIC power amplifier operating from 0.4 to 2.2 GHz and packaged in industry standard SOT89 packages. Utilizing a minimum number of external components and a single +5V supply, the amplifier output IP3 can be optimized to +47 dBm at 0.4 GHz or +49 dBm at 2.1 GHz. The high output IP3 and PAE make the HMC453ST89(E) ideal power amplifier for Cellular/ PCS/3G and Fixed Wireless applications.

Features

- Output IP3: +49 dBm
- 20.5 dB Gain @ 400 MHz
- 7.5 dB Gain @ 2100 MHz
- 41% PAE @ +32.5 dBm Pout

Application

- GSM, GPRS & EDGE
- CDMA & W-CDMA
- CATV/Cable Modem
- Fixed Wireless





Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc
QFN-12



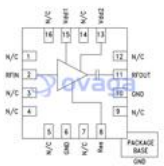
[HMC253AQS24](#)

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



[HMC358MS8GE](#)

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MSOP-8



[HMC618ALP3E](#)

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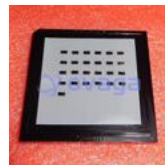
[HMC441LP3E](#)

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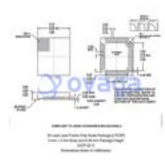
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC490](#)

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SMD



[HMC463LP5E](#)

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