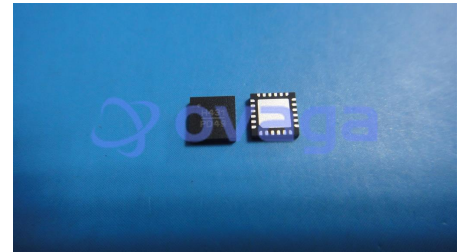


RF Amp Chip Single Buffer Amp 6.1GHz 3.5V 24-Pin QFN EP T/R

| | |
|---------------|-------------------------------------|
| Manufacturers | Analog Devices, Inc |
| Package/Case | QFN-24 |
| Product Type | RF Integrated Circuits |
| RoHS | Pb-free Halide free |
| Lifecycle | |



Images are for reference only

Please submit RFQ for HMC431LP4E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC431LP4(E) is a GaAs InGaP Heterojunction Bipolar Transistor (HBT) MMIC VCO with an integrated resonator, negative resistance device, varactor diode, and buffer amplifier. The VCO's phase noise performance is excellent over temperature, shock, vibration and process due to the oscillator's monolithic structure. Power output is 2 dBm typical from a 3V supply voltage. The voltage controlled oscillator is packaged in a low cost leadless QFN 4x4 mm surface mount package.

Features

Pout: +2 dBm

Phase Noise: -102 dBc/Hz @100 kHz

No External Resonator Needed

Single Supply: 3V @ 27 mA

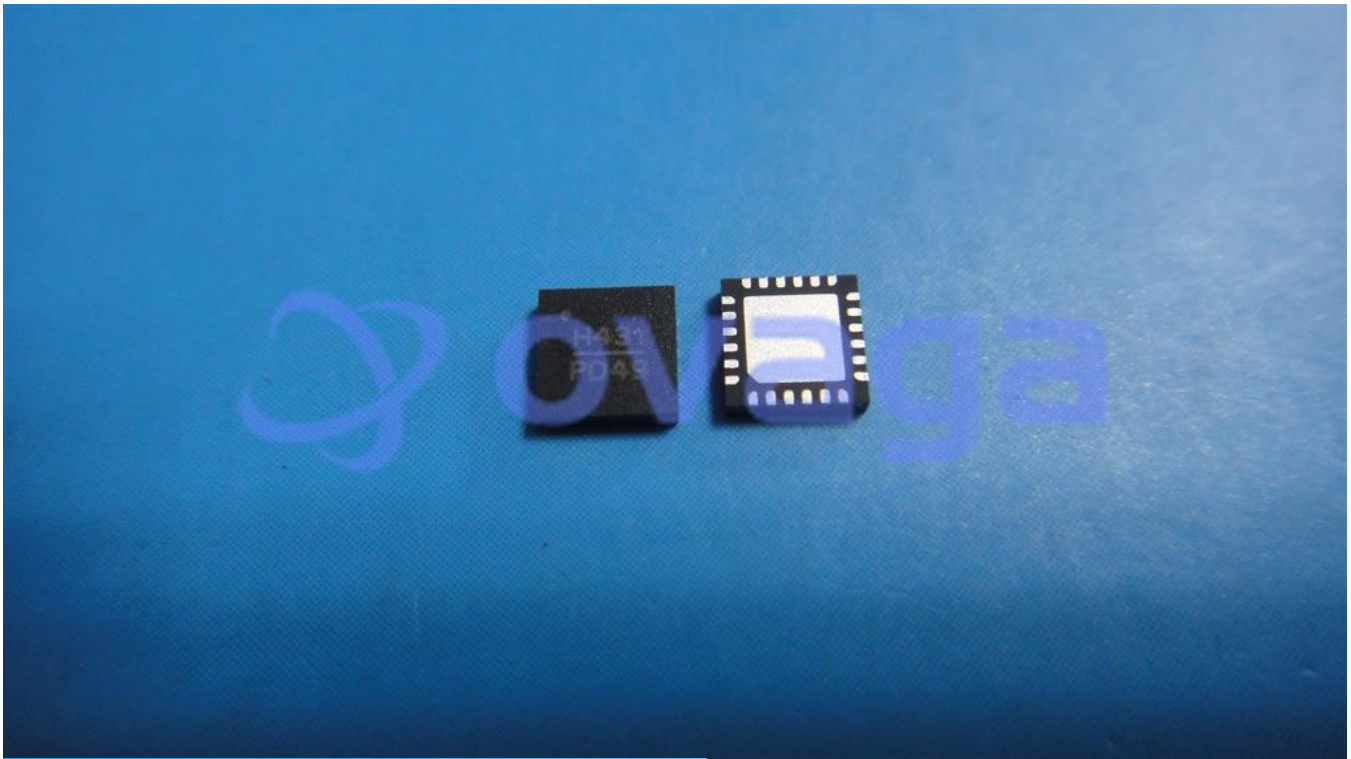
16mm² Leadless SMT Package

Application

802.11a & HiperLAN WLAN

VSAT Radios

UNII & Point-to-Point Radios



Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc
QFN-12



[HMC253AQS24](#)

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



[HMC441LP3E](#)

Analog Devices, Inc
QFN-16



[HMC948LP3E](#)

Analog Devices, Inc
LP3



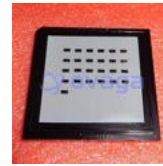
[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



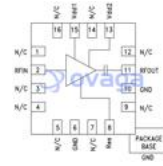
[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC490](#)

Analog Devices, Inc
SMD



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16