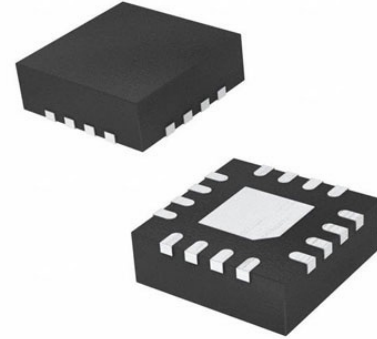


MMIC VCO w/ DIVIDE-BY-16, 23.8 - 24.8 GHz

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



Images are for reference only

Please submit RFQ for HMC533LP4E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC533LP4(E) are GaAs InGaP Heterojunction Bipolar Transistor (HBT) MMIC VCOs. The HMC533LP4(E) integrate resonators, negative resistance devices, varactor diodes and feature a divide-by-16 output. The VCO's phase noise performance is excellent over temperature, shock, and process due to the oscillator's monolithic structure. Power output is +12 dBm typical from a +5V supply voltage. Prescaler function can be disabled to conserve current if not required. The voltage controlled oscillator is packaged in a leadless QFN 4x4 mm surface mount package.

Features

Pout: +12 dBm

Phase Noise: -95 dBc/Hz @100 KHz Typ.

No External Resonator Needed

Single Supply: +5V @ 220 mA

QFN Leadless SMT Package, 16 mm²

Application

VSAT Radio

Point-to-Point/Multi-point Radio

Test Equipment & Industrial Controls

Military End-Use

Automotive Radar

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)



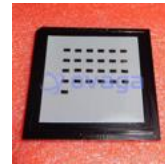
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



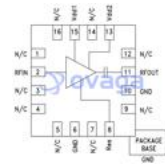
[HMC490](#)

Analog Devices, Inc
SMD



[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16