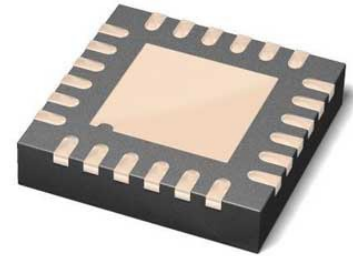


WIDEBAND MMIC VCO w/ BUFFER AMPLIFIER, 10

Manufacturers	Analog Devices, Inc
Package/Case	QFN-24
Product Type	Voltage Controlled Oscillators (VCO) & Phase Locked Oscillators (PLO) ; Wideband VCO
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC733LC4B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC733LC4B is a wideband MMIC Voltage Controlled Oscillator which incorporates the resonator, negative resistance device, and varactor diode. Output power and phase noise performance are excellent over temperature due to the oscillator's monolithic construction. The Vtune port accepts an analog tuning voltage from 0 to +22V. The HMC733LC4B VCO operates from a single +5V supply, consumes only 70 mA of current, and is housed in a RoHS compliant SMT package. This wideband VCO uniquely combines the attributes of ultra small size, low phase noise, low power consumption, and wide tuning range.

Features

Wide Tuning Bandwidth

Pout: +3 dBm

Low SSB Phase Noise: -90 dBc/Hz @100 kHz

No External Resonator Needed

Single Positive Supply: +5V @ 70 mA

24 Lead 4x4mm SMT Package: 16mm²

Application

Industrial/Medical Equipment

Test & Measurement Equipment

Military Radar, EW & ECM

Related Products



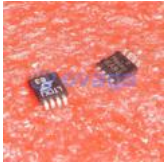
[HMC591LP5E](#)

Analog Devices, Inc
QFN32



[HMC589AST89E](#)

Analog Devices, Inc
SOT-89



[LTC6102HMS8#PBF](#)

Analog Devices, Inc
8MSOP



[HMC464LP5](#)

Analog Devices, Inc
QFN32



[HMC902LP3E](#)

Analog Devices, Inc
QFN-16



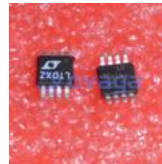
[LTC6102HMS8](#)

Analog Devices, Inc
MSOP8



[LT6375HMS#PBF](#)

Analog Devices, Inc
16MSOP



[LTC6102HMS8-1#PBF](#)

Analog Devices, Inc
8-MSOP