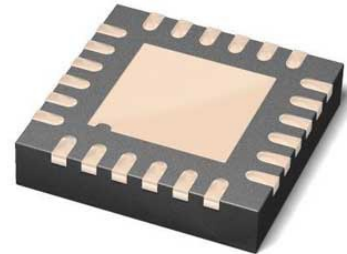


IC OSC VCO WIDEBAND 24SMD

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 HMC6380LC4B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC6380LC4B 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 V_{tune} port accepts an analog tuning voltage from 0 to +23V. The HMC6380LC4B VCO operates from a single +5V supply, consumes only 75 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: +6 dBm

Low SSB Phase Noise: -92 dBc/Hz @100 kHz

Single Positive Supply: +5V @ 75 mA

Ceramic Leadless SMT Package: 16 mm²

Application

Measurement Equipment

Satcom

Military Radar, EW, & ECM

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



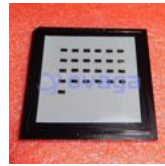
[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



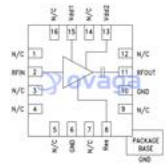
[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC490](#)

Analog Devices, Inc
SMD



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16