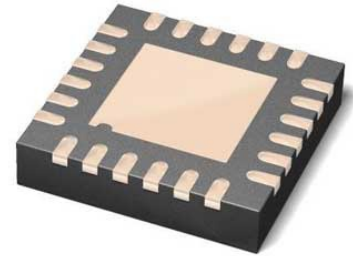


Oscillator VCO 4000MHz to 8000MHz 5V Medical 24-Pin CQFN EP SMD T/R

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFN-24
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC586LC4B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The HMC586LC4B is a wideband GaAs InGaP 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 +18V. The HMC586LC4B VCO operates from a single +5V supply, consumes only 55 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: +5 dBm

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

No External Resonator Needed

Single Positive Supply: +5V @ 55 mA

RoHS Compliant 4x4 mm SMT Package

## Application

Industrial/Medical Equipment

Test & Measurement Equipment

Military Radar, EW & ECM

## Related Products

