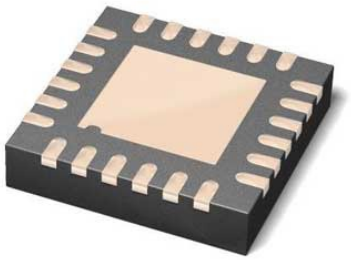
HMC738LP4E

Data Sheet

MMIC VCO w/ HALF FREQUENCY OUTPUT & DIVIDE-BY-16, 20.9

Manufacturers	Analog Devices, Inc
Package/Case	QFN24
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC738LP4E or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The HMC738 is a GaAs InGaP Heterojunction Bipolar Transistor (HBT) MMIC VCO. The HMC738 integrates a resonator, negative resistance device, varactor diode and divide-by-16 prescaler. The VCOs phase noise performance is excellent over temperature, shock, and process due to the oscillator's monolithic structure. Power output is +9 dBm typical from a 5V supply voltage. The voltage controlled oscillator is packaged in a low cost leadless QFN 4x4 mm surface mount package.

Features

Pout: +9 dBm

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

No External Resonator Needed

24 Lead 4x4 mm QFN Package: 16 mm²

Application

Point-to-Point Radios

Point-to-Multi-Point Radios / LMDS

VSAT

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

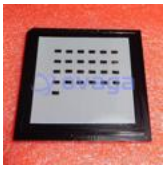
Analog Devices, Inc

MSOP-8

HMC453ST89E

Analog Devices, Inc

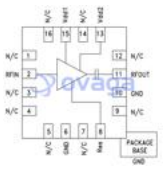
ST89E



HMC490

Analog Devices, Inc

SMD



HMC618ALP3E

Analog Devices, Inc

QFN-16