

Frequency Multiplier -40°C to 85°C 24-Pin QFN EP T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: QFN

Product Type: Logic ICs

Lifecycle: Active

General Description

The HMC368LP4(E) is a miniature amp- doubler-amps utilizing GaAs PHEMT technology in 4x4 mm leadless surface mount package. When driven by a +2 dBm signal, the multiplier provides +15 dBm typical output power from 9 to 16 GHz. The Fo and the 3Fo isolations are 18 dB typical. The low additive SSB phase noise of -140 dBc/Hz at 100 kHz offset helps the user maintain good system noise performance. The HMC368LP4(E) is ideal for use in LO multiplier chains allowing reduced parts count vs. traditional approaches.

Applications

Microwave Radios & VSAT
Fiber Optic Infrastructure
Military Communications & Radar

Key Features

Output Power: +15 dBm
Wide Input Power Range: 0 to +10 dBm
100 kHz SSB Phase Noise: -140 dBc/Hz
16 mm² Leadless QFN SMT Package

Application

Microwave Radios & VSAT
Fiber Optic Infrastructure
Military Communications & Radar



Recommended For You

HMC624ALP4E

Analog Devices, Inc
QFN24

HMC952ALP5GE

Analog Devices, Inc
QFN

HMC361S8GE

Analog Devices, Inc
SOP-8

HMC253AQS24E

Analog Devices, Inc
QFN

HMC346MS8G

Analog Devices, Inc
MSOP8

HMC1119LP4ME

Analog Devices, Inc
QFN

HMC659LC5

Analog Devices, Inc
QFN

HMC909LP4E

Analog Devices, Inc
QFN

HMC564LC4

Analog Devices, Inc
QFN

HMC1021LP4E

Analog Devices, Inc
QFN

HMC241AQS16E

Analog Devices, Inc
SSOP16

HMC424LP3E

Analog Devices, Inc
QFN

HMC662LP3E

Analog Devices, Inc
QFN

HMC8038LP4CE

Analog Devices, Inc
QFN16

HMC363S8G

Analog Devices, Inc
SOP8