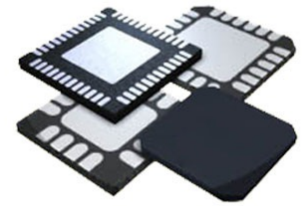


Active RF Multipliers x2 6GHz to 9GHz-OUT 24-Pin QFN EP T/R



Images are for reference only

[Inquiry](#)

Manufacturer:	Analog Devices, Inc
Package/Case:	QFN
Product Type:	RF Integrated Circuits
Lifecycle:	Active

General Description

The HMC575LP4(E) is a x2 active broadband frequency multiplier utilizing GaAs PHEMT technology in a leadless RoHS compliant SMT package. When driven by a 3 dBm signal, the multiplier provides +17 dBm typical output power from 6 to 9 GHz. The Fo and 3Fo isolations are 15 dBc with respect to output signal level.

This frequency multiplier features DC blocked I/O's, and is ideal for use in LO multiplier chains for Pt to Pt & VSAT Radios yielding reduced parts count vs. traditional approaches. The low additive SSB Phase Noise of -140 dBc/Hz at 100 kHz offset helps maintain good system noise performance. The HMC575LP4(E) is compatible with surface mount manufacturing techniques.

Key Features

- High Output Power: +17 dBm
- Low Input Power Drive: -2 to +6 dBm
- Fo, 3Fo Isolation: 15 dBc
- 100 KHz SSB Phase Noise: -140 dBc/Hz
- Single Supply: +5V@ 90 mA
- RoHS Compliant 4x4 mm SMT Package

Application

- Wireless Local Loop
- Point-to-Point & VSAT Radios
- Test Instrumentation
- Military & Space

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