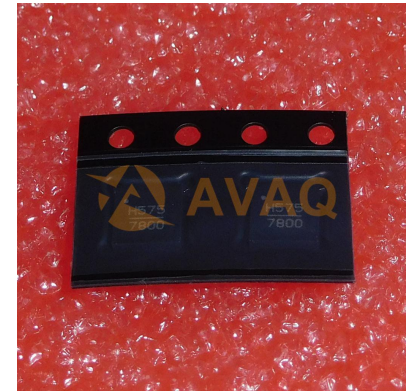


**Active RF Multipliers x2 6GHz to 9GHz-OUT 24-Pin LFCSP  
EP T/R**



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** QFN24

**Product Type:** RF Integrated Circuits

**RoHS:** RoHS Compliant/Lead free 

**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

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### **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