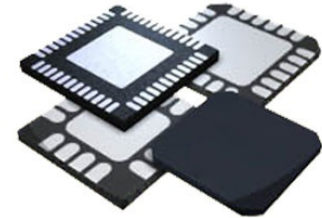


Up/Down Conv Mixer 16GHz 8-Pin MSOP EP T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: QFN

Product Type: RF Integrated Circuits

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The HMC412BMS8GE is a passive double-balanced mixer that operates from 8 to 16 GHz. The HMC412BMS8GE operates with LO drive levels between 9 to 15 dBm and provides 8 dB of conversion loss across the entire specified frequency band. This mixer requires no external components or bias.

Key Features

Conversion Loss: 8 dB

Noise Figure: 8 dB

LO to RF Isolation: 44 dB

LO to IF Isolation: 38

RF to IF Isolation: 29 dB

Input Third-Order Intercept: 19 dB

Input Power for 1 dB Compression: 10 dB

No External Components

MSOP8GE SMT Package

Application

Long Haul Radio Platforms

Microwave Radio

VSAT

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