
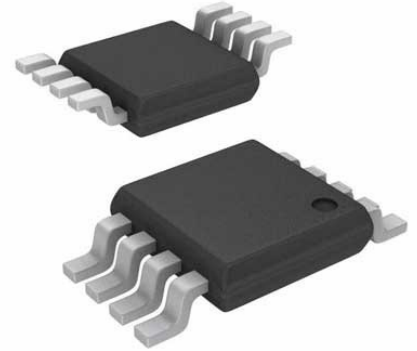


Up/Down Conv Mixer 8GHz 8-Pin MSOP EP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	MSOP8
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC218BMS8GE is an ultra miniature double- balanced mixers in an 8 lead plastic surface mount packages (MSOP). This passive MMIC mixer is constructed of GaAs Schottky diodes and novel planar transformer baluns on the chip. The device can be used as an up-converter, down-converter, bi-phase modulator / demodulator, or phase comparator. This mixer performs well when used as a down-converter from 3.5 to 8 GHz and as an up-converter from 4.5 to 8 GHz. The low conversion loss, high isolation and wide IF bandwidth make this mixer ideal for a variety of Rx and Tx frequency plans.

Key Features

Passive Double-Balanced Topology

Input IP3 : +17 dBm

Low Conversion Loss: 7 dB

LO / RF Isolation: 38 dB

LO / IF Isolation: 32 dB

Upconverter & Downconverter Applications

Application

Base stations, Repeaters & Access Points

WiMAX, WiBro & Fixed Wireless

Portables & Subscribers

PLMR, Public Safety & Telematics

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