
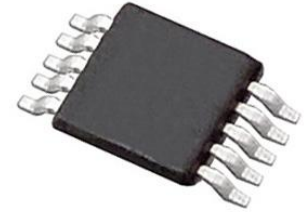


5Bit 1dBStep 31dB 3.8GHz 10-Pin MSOP EP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	MSOP10
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The HMC273AMS10G(E) is a general purpose broadband 5-Bit positive control GaAs IC digital attenuator in a 10 lead MSOP plastic package. Covering 0.7 to 3.8 GHz, the insertion loss is typically less than 3 dB. The attenuator bit values are 1 (LSB), 2, 4, 8, and 16 dB for a total attenuation of 31 dB. Accuracy is excellent at ± 0.2 dB typical with an IIP3 of up to +46 dBm. Five bit control voltage inputs, toggled between 0 and +3 to +5 volts, are used to select each attenuation state. A single Vdd bias of +3 to +5 volts applied through an external 5K Ohm resistor is required.

Key Features

- RoHS compliant product
- 1 dB LSB steps to 31 dB
- Single positive control per BIT
- Miniature MSOP 10 package: 14.8mm²
- Included in the HMC-DK004 designer's kit

Application

- Cellular; UMTS/3G infrastructure
- ISM, MMDS, WLAN, WiMAX
- Microwave radio & VSAT
- Test equipment and sensors

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