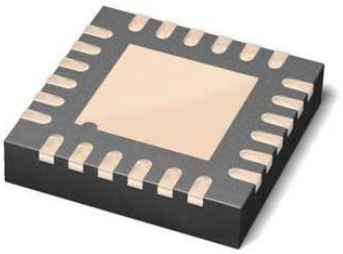
HMC1019ALP4E

5Bit 0.5dBStep 15.5dB 30GHz 24-Pin LFCSP EP Cut Tape

Manufacturer:	Analog Devices, Inc
Package/Case:	QFN-24
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active



Images are for reference only

Inquiry

General Description

The HMC1019ALP4E is a broadband 5-bit GaAs IC digital attenuator in a low cost leadless surface mount package. Covering 0.1 to 30.0 GHz, the insertion loss is less than 4.0 dB typical. The attenuator bit values are 0.5 (LS B), 1, 2, 4, 8 for a total attenuation of 15.5 dB. Attenuation accuracy is excellent at ±0.3 dB typical step error with an IIP3 of +45 dBm. The control interface is CMOS/TTL compatible and accepts a three wire serial input. The HMC1019ALP4E features a user selectable power up state and a serial output port for cascading other Analog Devices serial controlled components.

Key Features

0.5 dB LSB Steps to 15.5 dB

TTL/CMOS Compatible, Serial Control

Unique Asynchronous Mode Control Allows Immediate Attenuation Level Setting

High Input IP3: +45 dBm

24 Lead 4x4mm SMT Package: 16mm

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Application

Fiber Optics & Broadband Telecom

Microwave Radio & VSAT

Military Radios, Radar & ECM

Space Applications

Sensors

Test & Measurement Equipment

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