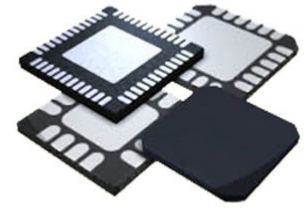


Voltage Variable Attenuator 31dB 5000MHz 16-Pin QFN EP T/R



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 HMC973ALP3E is an absorptive Voltage Variable Attenuator (VVA) which operates from 0.5 to 5 GHz and is ideal in designs where an analog DC control signal must be used to control RF signal levels over a 26 dB amplitude range. It features a shunt-type attenuator controlled by an analog voltage, V_{ctrl} . The HMC973ALP3E is an unidirectional device with optimum linearity performance achieved when the RF input signal is applied to the RFIN package lead. The HMC973ALP3E is housed in a RoHS compliant 3x3mm QFN leadless package.

Key Features

- Wide attenuation range: 26 dB
- Single positive voltage control: 0 to +5V
- Absorptive topology
- 16 lead 3x3mm SMT package: 9 mm²
- Excellent linearity: +35 dBm input IP3
- Wide attenuation range: 26 dB
- Single positive voltage control: 0 to +5V
- Absorptive topology
- 16 lead 3x3mm SMT package: 9mm²

Application

- Cellular/3G & WiMAX/4G infrastructure
- Test instrumentation
- Microwave sensors
- Military, ECM & radar

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