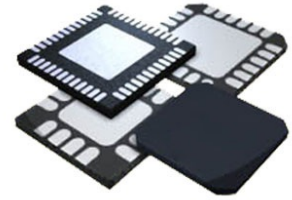


**Voltage Variable Attenuator 37dB 26500MHz 16-Pin LFCSP  
EP T/R**



Images are for reference only

**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** QFN

**Product Type:** RF Integrated Circuits

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

[Inquiry](#)

## General Description

The HMC712ALP3CE is an absorptive Voltage Variable Attenuator (VVA) which operates from 5 - 26.5 GHz and is ideal in designs where an analog DC control signal must be used to control RF signal levels over a 28 dB amplitude range. It features two shunt-type attenuators which are controlled by two analog voltages, Vctrl1 and Vctrl2. Optimum linearity performance of the attenuator is achieved by first varying Vctrl1 of the 1st attenuation stage from -5V to 0V with Vctrl2 fixed at -5V. The control voltage of the 2nd attenuation stage, Vctrl2, should then be varied from -5V to 0V, with Vctrl1 fixed at 0V. The HMC712ALP3CE is housed in a RoHS compliant 3x3 mm QFN leadless package.

## Key Features

Wide Bandwidth: 5 - 26.5 GHz

Excellent Linearity: +28 dBm Input P1dB

Wide Attenuation Range: 28 dB

Absorptive Topology

Singe or Dual Control Operation

16 Lead 3x3mm SMT Package: 9mm2

## Application

Applications

Point-to-Point Radio

VSAT Radio

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