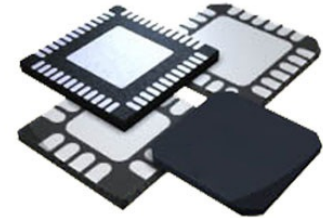


RF Switch SPDT 0MHz to 6GHz 23dB 6-Pin DFN EP T/R



Images are for reference only

Inquiry

Manufacturer: [Analog Devices, Inc](#)

Package/Case: QFN

Product Type: Switches

Lifecycle: Active

General Description

The HMC536LP2(E) is a DC to 6 GHz GaAs MMIC T/R switch in leadless 2x2 mm DFN LP2 surface mount packages with an exposed ground paddle. The switch is ideal for cellular, WiMAX, & WiBro access point and subscriber applications featuring low 0.6 dB insertion loss and high +54 dBm input IP3. Power handling is excellent up through 6 GHz with the switch offering a P0.1dB compression point of +29 dBm at +3V and +33 dBm at +5V control. On-chip circuitry allows positive voltage control of 0/+3V or 0/+5V at very low DC currents. The HMC536LP2(E) occupies only 4 mm² and are ideal for applications where small size is required.

Key Features

Input P0.1dB: +33 dBm @ +5V

Insertion Loss: 0.6 dB

Positive Control: +3V or +5V

Isolation: 27 dB

2x2 mm Leadless DFNSMT Package, 4 mm²

Application

Cellular/PCS/3G Infrastructure

WiMAX, WiBro & Fixed Wireless

CATV/CMTS

Test Instrumentation

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