
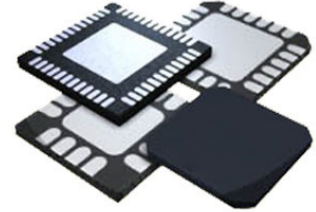


RF Detector 0MHz to 3900MHz 16dBm 24-Pin QFN EP T/R

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



Images are for reference only

[Inquiry](#)

General Description

Key Features Application

Input Dynamic Range: -50 to +10 dBm The HMC1010LP4E is ideally suited to those wide bandwidth, wide dynamic range applications, requiring repeatable measurement of real signal power, especially where RF/IF wave shape and/or crest factor change with time.

Digitally Programmable Integration Bandwidth The integration bandwidth of the HMC1010LP4E is digitally programmable with the use of input pins SC I1- 4 with a range of more than 4 decades. This allows the user to dynamically set the operation bandwidth providing the capability of handling different types of modulations on the same platform.

RF Signal Wave Shape & Crest Factor Independent The HMC1010LP4E features an internal op-amp at output stage, which provides for slope & intercept adjustments and enables controller application.

Excellent Temperature Stability Applications

Power-Down Mode Log → Root-Mean-Square (RMS) Conversion

24 Lead 4x4mm SMT Package: 16mm² Received Signal Strength Indication (RSSI)

Transmitter Signal Strength Indication (TSSI)

RF Power Amplifier Efficiency Control

Receiver Automatic Gain Control

Transmitter Power Control

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