
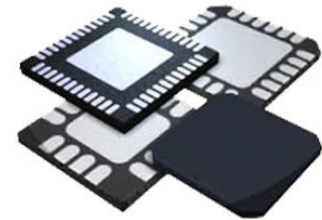


7Bit 0.25dBStep 31.75dB 4GHz 32-Pin QFN EP

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



Images are for reference only

[Inquiry](#)

General Description

The SKY12343-364LF is a GaAs broadband seven-bit pHEMT digital attenuator with a 0.25 dB Least Significant Bit (LSB). A TTL/CMOS-compatible, dual mode serial or parallel programming interface (SPI) controller is integrated into the device.

The SKY12343-364LF attenuator features low insertion loss, excellent attenuation accuracy, a 31.75 dB attenuation range, and high linearity performance. The device is an ideal choice for a wide variety of 3G and 4G cellular infrastructure applications.

Attenuation is controlled by an SPI controller. Depending on the SPI sequence applied to the DATA_IN pin, the attenuation state between the RF1 and RF2 pins is programmed between a low insertion loss state or up to 31.75 dB. The V1 through V7 DC control pins determine the attenuation state if parallel mode is enabled.

Key Features

Broadband operation: 0.01 to 4.0 GHz

Attenuation range: 31.75 dB with 0.25 dB LSB

TTL/CMOS-compatible serial, parallel, or latched parallel control interface

Single supply voltage: +3.3 or +5 V

Small, QFN (32-pin, 5 x 5 mm) Pb-free package (MSL1, 260 °C per JEDEC J-STD-020)

Application

Small Cells

Recommended For You

SKY85712-21

Skyworks Solutions, Inc

QFN

SKY13373-460LF

Skyworks Solutions, Inc

QFN

SKY65404-31

Skyworks Solutions, Inc

QFN

SKY67151-396LF

Skyworks Solutions, Inc

QFN

SKY65723-81

Skyworks Solutions, Inc

DFN-6

SKY13320-374LF

Skyworks Solutions, Inc

QFN

SKY13415-485LF

Skyworks Solutions, Inc

QFN14

SKY13585-679LF

Skyworks Solutions, Inc

QFN

SKY85712-11

Skyworks Solutions, Inc

QFN

SKY13416-485LF

Skyworks Solutions, Inc

QFN

SKY13431-374LF

Skyworks Solutions, Inc

DFN6

SKY13372-467LF

Skyworks Solutions, Inc

QFN

SKY67150-396LF

Skyworks Solutions, Inc

DFN6

SKY13414-485LF

Skyworks Solutions, Inc

QFN

SKY65405-21

Skyworks Solutions, Inc

QFN