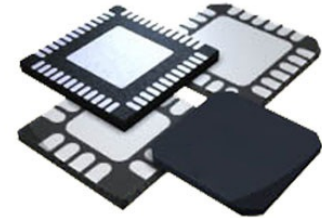


RF Switch SPDT 100MHz to 6GHz 20dB 6-Pin MLPD



Images are for reference only

[Inquiry](#)

Manufacturer: [Skyworks Solutions, Inc](#)

Package/Case: QFN

Product Type: Switches

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The SKY13335-381LF is a pHEMT GaAs FET I/C switch. The device features low insertion loss and positive voltage operation with very low DC power consumption. The switch is manufactured in a compact, low-cost 1.5 x 2.0 mm, 6-pin Micro Leadframe Package Dual (MLPD) package.

The switch can be used in transmit/receive applications by connecting the RF common port (RFC, pin 5) to either the OUT1 or OUT2 port (pins 1 or 3, respectively) using a low-loss path (i.e., a positive voltage applied to either the VCTL1 or VCTL2 pins). The switch is a reflective short on the isolated port.

Key Features

Positive voltage control

Control voltage high = 1.8 to 5.0 V

Broadband, 0.1 to 6.0 GHz

Very low insertion loss, 0.40 dB typical @ 2.5 GHz

High isolation, 27 dB typical @ 2.5 GHz

Excellent linearity performance, P1dB = +29 dBm @ 3 V

Ultra-miniature, MLPD (6-pin, 1.5 x 2.0 x 0.5 mm) package (MSL1, 260 °C per JEDEC J-STD-020)

Application

Routers and Gateways

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

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