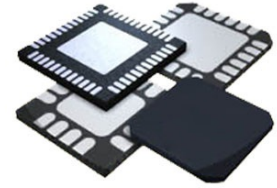


## RF Switch SP8T 100MHz to 3.8GHz 19dB Automotive 14-Pin QFN EP T/R



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 SKY13418-485LF is a Single Pole, Eight-Throw (SP8T) antenna switch. The high linearity performance and low insertion loss achieved by the SKY13418-485LF make it an ideal choice for main/diversity switching commonly used in LTE-based handsets, data cards, and tablets that use antenna diversity solutions.

The SKY13418-485LF is part of a scalable family of products that covers SP4T through SP8T switches that allow up to eight bands of WCDMA/LTE.

The symmetric port designs provide flexibility in signal routing for both receive diversity and higher power TD-SCDMA/TDD-LTE, WCDMA/FDD, and LTE transmit/receive applications.

Switching is controlled by three CMOS/TTL-compatible control voltage inputs (V1, V2, and V3). Depending on the logic voltage level applied to the control pins, the ANT pin is connected to one of eight switched RF input/output (I/O) ports (RF1 to RF8) using a low insertion loss path, while the paths between the ANT pin and the other RF pins are in a high isolation state. No external blocking capacitors are required on the RF paths.

The SKY13418-485LF is manufactured in a compact, 14-pin 2.0 x 2.0 mm, Quad Flat No-Lead (QFN) package.

### Key Features

Broadband frequency range: 0.1 to 6.0 GHz

Low insertion loss: 0.7 dB typical @ 2.7 GHz

High isolation: >20 dB @ 2.7 GHz

Integrated logic

Small QFN (14-pin, 2.0 x 2.0 mm) package (MSL1, 260 °C per JEDEC J-STD-020)

### Application

Tablets

4G LTE

### 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