


RF Switch SPDT 1GHz to 6GHz 20dB 6-Pin MLPD EP T/R

Manufacturer:	Skyworks Solutions, Inc
Package/Case:	QFN
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SKY13585-679LF is a single-pole, double-throw (SPDT) switch intended for mode switching in WLAN applications. Using advanced switching technologies, the SKY13585-679LF maintains low insertion loss and high isolation for all switching paths.

The high-linearity performance and low insertion loss achieved by the switch make it an ideal choice for low-power transmit/receive applications. Depending on the logic voltage applied to the control pin (VCTL), the INPUT pin is connected to one of the two switched RF outputs (OUTPUT1 or OUTPUT2) using a low insertion loss path, while the path between the INPUT pin and the other OUTPUT pin is in a high-isolation state. The switch is "reflective short" on the isolated port.

The SKY13585-679LF has integrated DC blocking capacitors, so no external DC blocking capacitors are required.

The switch is manufactured in a compact, 1 × 1 × 0.32 mm, 6-pin exposed pad plastic Micro Lead-frame Package Dual (MLPD) package.

Key Features

- Broadband frequency range: 1.0 to 6.0 GHz
- Low insertion loss, 0.5 dB typical @ 2.45 GHz
- High isolation, 38 dB typical @ 2.45 GHz
- Excellent linearity performance, IP0.1dB = +31 dBm
- Single control logic
- 1.8 V and 3.3 V logic compatibility
- Wide 3 to 5 V supply voltage range
- Integrated DC blocking capacitors
- Ultra-miniature, MLPD (6-pin, 1 × 1 × 0.32 mm) package (MSL1, 260 °C per JEDEC J-STD-020)

Application

- Smartphones
- 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

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

SKY13446-374LF

Skyworks Solutions, Inc

DFN