

## RF Switch SPDT 500MHz to 6GHz 17dB 6-Pin DFN EP T/R

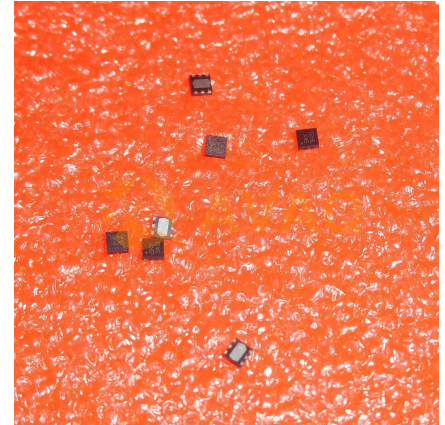
**Manufacturer:** [Skyworks Solutions, Inc](#)

**Package/Case:** DFN6

**Product Type:** Switches

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

The SKY13431-374LF is a GaAs pHEMT Single-Pole, Double-Throw (SPDT) high power switch with 50  $\Omega$  terminated outputs. The high linearity performance and low insertion loss achieved by the SKY13431-374LF make it an ideal choice for WiMAX and higher power WLAN applications such as access points.

This part is designed for use in WLAN systems using discrete Power Amplifier (PA) and Low-Noise Amplifier (LNA) implementations. The 50  $\Omega$  impedance of the switch in the “off” state ensures good isolation regardless of the match to which the switch is connected.

The SKY13431-374LF is manufactured in a compact, 1.5 x 1.5 mm, 6-pin Dual Flat No-Lead (DFN) package.

### Key Features

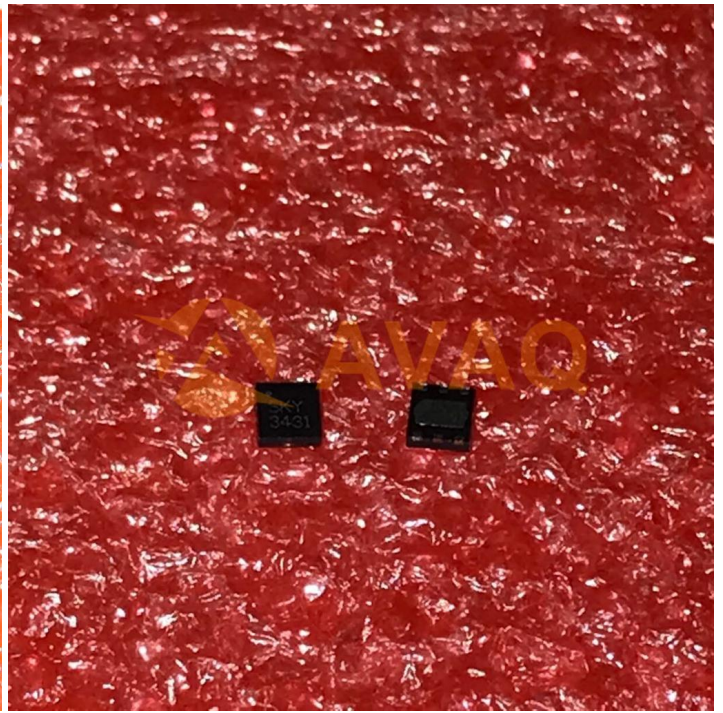
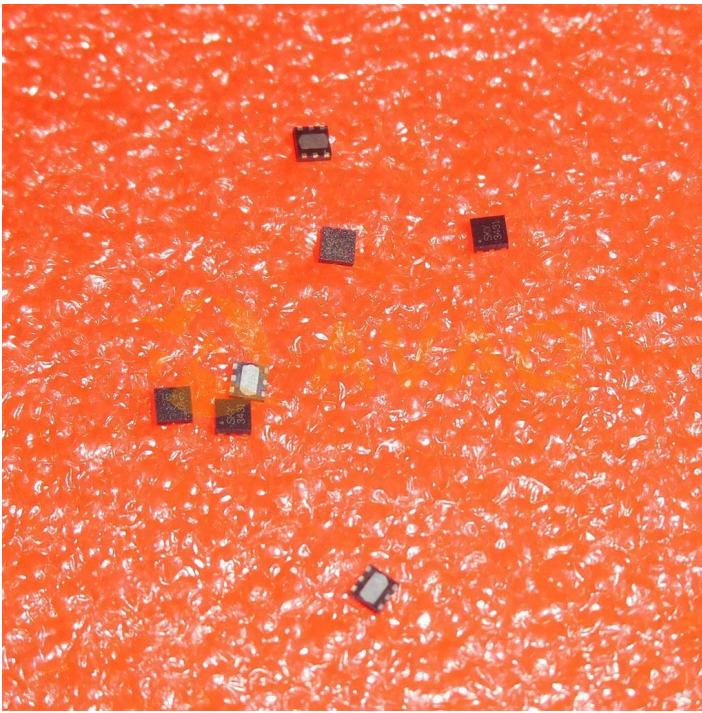
50  $\Omega$  matched RF ports in all states

Low insertion loss: 0.5 dB @ 2.5 GHz

High isolation: 25 dB @ 2.5 GHz

IP1dB: +36 dBm

Small, DFN (6-pin, 1.5 x 1.5 mm) package (MSL1, 260 °C per JEDEC J-STD-020)



## Recommended For You

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### **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

### **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