
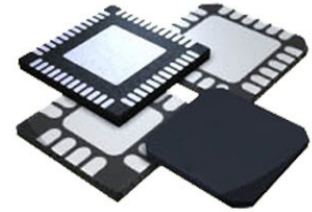


## PIN Diode Attenuator/Switch 200V 200mA 3-Pin QFN EP T/R

<b>Manufacturer:</b>	<a href="#">Skyworks Solutions, Inc</a>
<b>Package/Case:</b>	QFN
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The SMP1302 series of plastic packaged, surface mountable, low capacitance (0.3 pF) silicon PIN diodes is designed for highvolume switch and attenuator applications from 10 MHz to beyond 2 GHz.

These diodes are designed for use in low- distortion PI and TEE attenuators with low drive current (maximum resistance at 1 mA is 10 Ω) commonly used in TV distribution and cellular base station applications. The nominal 50 μm I region width, combined with a maximum resistance of 3 Ω at 10 mA, makes these diodes useful in large signal switch applications.

The SMP1302 series provides single and dual diodes in a selection of plastic packages including SOT-23, SOD-323, small footprint SC-79, an ultralow inductance (0.2 nH) SOT-143 (SMP1302-017), and miniature SC-70.

A four-diode array is available in an SOT-5 package (SMP1302- 027) designed for insertion in the commonly used four-diode PI attenuator circuits.

SMP1302 Series includes SMP1302-078LF, SMP1302-040LF, SMP1302-003LF, SMP1302-011LF and SMP1302-079LF.

***Please note: SMP1302-001LF and SMP1302-074LF are being discontinued and are not recommended for new designs.***

### Key Features

- Designed for base station and handset applications
- Low-distortion design
- Available in tape and reel packaging
- Packages rated MSL1 @ 260 °C per JEDEC J-STD-020

### Application

- Small Cells
- Macro/Massive MIMO

### Recommended For You

**SMS7630-040LF**

Skyworks Solutions, Inc  
QFN

**SMP1321-079LF**

Skyworks Solutions, Inc  
SC-79

**SMS7630-005**

Skyworks Solutions, Inc  
SOT-23

**SMS7621-005**

Skyworks Solutions, Inc  
SOT-23

**SMP1322-005LF**

Skyworks Solutions, Inc  
SOT-23

**SMS7621-040LF**

Skyworks Solutions, Inc  
SMD

**SMS7630-061**

Skyworks Solutions, Inc  
QFN

**SMV1705-079LF**

Skyworks Solutions, Inc  
SC-79

**SMP1330-085LF**

Skyworks Solutions, Inc  
QFN

**SMS7621-060**

Skyworks Solutions, Inc  
SMD

**SMS7621-517**

Skyworks Solutions, Inc  
4-LGA

**SMS3923-040LF**

Skyworks Solutions, Inc  
SOD882

**SMV1247-040LF**

Skyworks Solutions, Inc  
DFN

**SMS3922-079LF**

Skyworks Solutions, Inc  
SC79

**SMV1430-040LF**

Skyworks Solutions, Inc  
SMT