
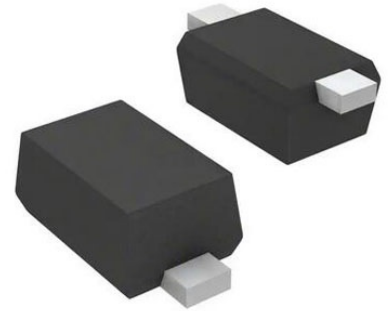


PIN Diode Attenuator/Switch 200V 2-Pin SC-79 T/R

Manufacturer:	Skyworks Solutions, Inc
Package/Case:	SC-79
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	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

SMP1302-085LF

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