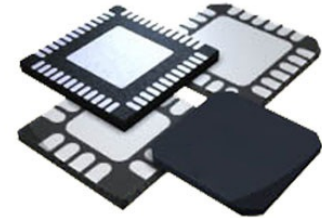


## PIN Diode Attenuator 50V 1500mA 2-Pin QFN EP T/R



Images are for reference only

[Inquiry](#)

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

**Package/Case:** QFN

**Product Type:** Thyristors

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The SMP1330 series of limiter diode in plastic packages is designed for use as a passive receiver protector in wireless and other RF systems covering 2 GHz and higher. It employs Skyworks limiter diode technology to produce a gold doped thin base limiter chip for low loss, low distortion performance and good limiter action.

This device has been characterized in limiter circuits and tightly specified to insure consistent performance.

SMP1330 Series includes SMP1330-005LF and SMP1330-040LF.

***Please note: SMP1330-999LF is being discontinued and is not recommended for new designs. The suggested replacement is SMP1330-005LF.***

## Key Features

Low Distortion Design

Characterized Limiter Performance 500 MHz to 2 GHz

Low Insertion Loss

Low Cost Plastic Package

Available in Tape and Reel Packaging

## Application

Space

Radar

Surveillance Systems

Instrumentation

Electronic Warfare

Small Cells

Military Communications

Avionics

Macro/Massive MIMO

Hearing Aids

Wearables

M2M

Smart Cities

Smart Energy

Biomedical Materials

Blood Sugar Monitors

Heart Monitors

Patient Telemetry

Radiation and Clinical Equipment

Smart Scales

Specialty Medical Applications

Connected Homes

Home Security and Automation

Factory Automation

Industrial IoT

Lighting

## Recommended For You

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### **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

### **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

### **SMV1430-040LF**

Skyworks Solutions, Inc  
SMT