

## RF Detector 50MHz to 3000MHz -2dBm Automotive 6-Pin SC-70 T/R

**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** SC70-6

**Product Type:** RF Integrated Circuits

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Unconfirmed



Images are for reference only

[Inquiry](#)

### General Description

LT5534ESC6#PBF is an RF power detector integrated circuit (IC) manufactured by Analog Devices. It is designed for measuring the power of RF signals in the frequency range of DC to 4 GHz.

### Key Features

Wide frequency range of DC to 4 GHz

High dynamic range of 60 dB

Accurate power measurement with  $\pm 1$  dB error

Low power consumption of 8.5 mA

Fast response time of 500 ns

Temperature range of  $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$

Small size and package (SOT-23-6)

### Application

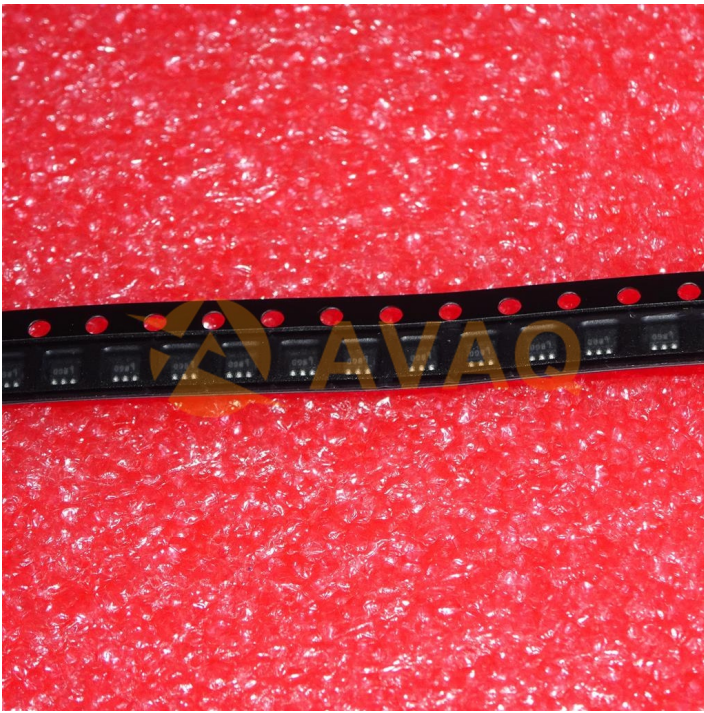
RF power measurement in wireless communication systems

Signal strength indication in cellular phones and other wireless devices

Power monitoring and control in radio transmitters and receivers

RF power leveling in power amplifiers

Automatic gain control in wireless communication systems



## Recommended For You

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### **LTC5507ES6#TRMPBF**

Analog Devices, Inc  
SOT23-6

### **LTC5564IUD#PBF**

Analog Devices, Inc  
QFN

### **LT5534ESC6**

Analog Devices, Inc  
SC70-6

### **LTC5531ES6**

Analog Devices, Inc  
SOT23-6

### **LTC5569IUF#PBF**

Analog Devices, Inc  
QFN16

### **LT5557EUF#PBF**

Analog Devices, Inc  
QFN

### **LT5537EDDB#TRMPBF**

Analog Devices, Inc  
DFN-8

### **LT5581HDD#TRPBF**

Analog Devices, Inc  
DFN

### **LT5534ESC6#TRMPBF**

Analog Devices, Inc  
SC-70

### **LTC5536ES6**

Analog Devices, Inc  
TSOT23-6

### **LTC5596IDC#TRMPBF**

Analog Devices, Inc  
DFN8

### **LTC5548IUDB#TRMPBF**

Analog Devices, Inc  
QFN-12

### **LTC5508ESC6**

Analog Devices, Inc  
SC70-6

### **LTC5510IUF#PBF**

Analog Devices, Inc  
QFN16

### **LTC5587IDD#PBF**

Analog Devices, Inc  
DFN12