

Wide Dynamic Range RF/IF Log Detector; Package: DD PAK; No of Pins: 8; Temperature Range: -40°C to +125°C

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	DFN-8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT5537EDDB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LT5537EDDB is a high frequency, high dynamic range RF power detector from Analog Devices Inc. It is designed to accurately measure RF power in wireless infrastructure, portable battery-powered equipment, and other high frequency applications.

### Features

- Frequency range: 300 MHz to 7 GHz
- Wide dynamic range: -60 dBm to 5 dBm
- High accuracy:  $\pm 1$  dB error across the entire dynamic range
- Low power consumption: 1.5 mA at 3.3 V
- Small package: 6-lead DFN (2 mm x 2 mm)

### Application

- Power control and monitoring in wireless base stations and small cells
- Power measurement and control in portable battery-powered equipment such as mobile phones, tablets, and laptops
- Power measurement and control in RF test and measurement equipment
- Envelope detection in amplitude modulation (AM) and phase modulation (PM) systems

### Related Products



[LT3015EQ](#)

Analog Devices, Inc  
TO-263



[LTC2990IMS](#)

Analog Devices, Inc  
MSOP-10



[LTC4357HMS8](#)

Analog Devices, Inc  
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[LT1964ES5-SD#PBF](#)

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TSOT23



[LT5560EDD](#)

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[LT1764AEFE](#)

Analog Devices, Inc  
TSSOP1



[LT1764EQ](#)

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TO-263