

IC POWER MANAGEMENT

Manufacturers	Analog Devices, Inc
Package/Case	QFN-16
Product Type	RF Integrated Circuits
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC5510IUF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC5510IUF is an integrated RF power detector and directional coupler from Analog Devices. Here are some of its features:

Features

- It operates in the frequency range of 300 MHz to 40 GHz.
- It has a dynamic range of 55 dB.
- It has a coupler insertion loss of 1.4 dB.
- It has a power detection range of -50 dBm to 5 dBm.
- It has a temperature range of -40°C to 105°C.

Application

- Power amplifier (PA) monitoring in cellular base stations, wireless infrastructure, and other RF systems.
- Transmitter power control in microwave and millimeter-wave point-to-point radio systems.
- Power leveling in phased array and radar systems.
- Envelope detection in RF test equipment and instrumentation.



Related Products



[LT5519EUF](#)
Analog Devices, Inc
QFN-16



[LTM9001IV-AA#PBF](#)
Analog Devices, Inc
LGA81



[LTC5510IUF#TRPBF](#)
Analog Devices, Inc
16-WQFN



[LT5581IDDB](#)
Analog Devices, Inc
DFN8



[LT5538IDD](#)
Analog Devices, Inc
DFN8



[LT5521EUF](#)
Analog Devices, Inc
QFN-16



[LTP5902IPC-IPMA#PBF](#)
Analog Devices, Inc
SMD



[LTP5901IPC-IPMA#PBF](#)
Analog Devices, Inc
SMD