

RMS to DC Converter 13.5V 8000kHz 16-Pin SOIC W Tube

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD637AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD637AR is a specific integrated circuit (IC) manufactured by Analog Devices. It is a high precision, true RMS-to-DC converter that can accurately measure AC signals with a wide frequency range.

Features

High accuracy: it has a typical error of less than 0.3% over a wide range of input amplitudes and frequencies.

Wide input frequency range: it can measure signals with frequencies up to 500 kHz.

Low power consumption: it operates with a supply voltage of 2.5V to 18V and consumes only 1.3 mA of current.

Easy to use: it has a simple interface with a single input pin and a single output pin.

Application

Power measurement: it is used in power meters to accurately measure AC power.

Signal analysis: it is used in spectrum analyzers to measure the amplitude of AC signals at different frequencies.

Instrumentation: it is used in various test and measurement instruments such as oscilloscopes and multimeters.





Related Products



[ADP3336ARMZ-REEL7](#)

Analog Devices, Inc
MSOP-8



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SOIC-8



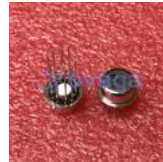
[ADP3330ARTZ3.3-RL7](#)

Analog Devices, Inc
SOT-23-6



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