
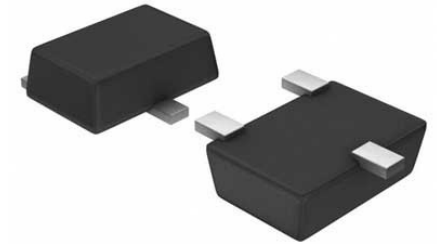


RF Detector 2500MHz 6-Pin SOT-23 T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	SOT23-6
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Unconfirmed



Images are for reference only

[Inquiry](#)

General Description

AD8361ARTZ is a high-performance, digitally controlled variable gain amplifier (VGA) manufactured by Analog Devices, Inc.

Key Features

- Wide dynamic range: 92 dB
- High linearity: ± 0.2 dB typ. gain error over the full gain range
- Digitally controlled gain range: 60 dB (in 3 dB steps)
- Low noise: 4.7 nV/ $\sqrt{\text{Hz}}$ at 10 MHz
- Wide bandwidth: 400 MHz (-3 dB)
- Low distortion: -72 dBc at 10 MHz
- Single supply voltage range: 5V to 24V
- Power-down mode for power savings

Application

- RF and IF automatic gain control (AGC) loops in communication systems
- AGC for radar receivers
- Ultrasound receivers
- High-performance instrumentation
- Wireless infrastructure

Recommended For You

ADF4153BCPZ

Analog Devices, Inc

QFN

ADF5355BCPZ

Analog Devices, Inc

LFCSP32

AD8318ACPZ

Analog Devices, Inc

LFCSP

AD6620ASZ

Analog Devices, Inc

QFP

ADF4107BCPZ

Analog Devices, Inc

QFN

ADL5513ACPZ-R7

Analog Devices, Inc

LFCSP-16

AD8319ACPZ

Analog Devices, Inc

LFCSP

ADRF6755ACPZ

Analog Devices, Inc

QFN

ADL5535ARKZ-R7

Analog Devices, Inc

SOT89

AD608AR

Analog Devices, Inc

SOP16

ADF4107BRUZ-REEL7

Analog Devices, Inc

TSSOP16

ADRF6780ACPZN

Analog Devices, Inc

QFN

AD8317ACPZ

Analog Devices, Inc

LFCSP

AD608ARZ

Analog Devices, Inc

SOP16

AD8318ACPZ-REEL7

Analog Devices, Inc

LFCSP