

**RF Amp Single Gain Amp 6GHz 5.25V 4-Pin(3+Tab) SOT-89
T/R**



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: SOT-89

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The ADL5545 is a single-ended RF/IF gain block amplifier that provides broadband operation from 30 MHz to 6 GHz. The ADL5545 provides over 36 dBm of OIP3 using only 56 mA from a 5 V supply.

Key Features Application

Input/output internally matched to 50R The ADL5545 is fabricated on an InGaP HBT process and has a high ESD rating of ± 1.5 kV (Class 1C). The ADL5545 is also fully specified for operation across the wide temperature range of -40°C to $+105^{\circ}\text{C}$. A fully populated RoHS-compliant evaluation board is available.

Integrated bias control circuit

OIP3 of 36.4dBm at 900MHz

P1dB of 18.1dBm at 900MHz

Low quiescent current (56mA)

± 1.5 kV ESD rating (Class 1C)

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