

Digital to Analogue Converter, Octal, 16 bit, SPI, 2.7V to 5.5V, TSSOP, 20 Pins

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSSOP20
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD5676RARUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

### Product Highlights

High Relative Accuracy (INL).AD5672R (12-bit):  $\pm 1$  LSB maximumAD5676R (16-bit):  $\pm 3$  LSB maximum

Low Drift 2.5 V On-Chip Reference.

## Features

High Performance

High relative accuracy (INL):  $\pm 3$  LSB maximum at 16 bits

Total unadjusted error (TUE):  $\pm 0.14\%$  of FSR maximum

Offset error:  $\pm 1.5$  mV maximum

Gain error:  $\pm 0.06\%$  of FSR maximum

Low drift 2.5 V reference: 2 ppm/°C typical

Wide Operating Ranges

2.7 V to 5.5 V power supply range

Easy Implementation

User selectable gain of 1 or 2 (GAIN pin/gain bit)

1.8 V logic compatibility

50 MHz SPI with readback or daisy chain

20-lead, RoHS-compliant TSSOP and LFCSP

## Application

Optical transceivers

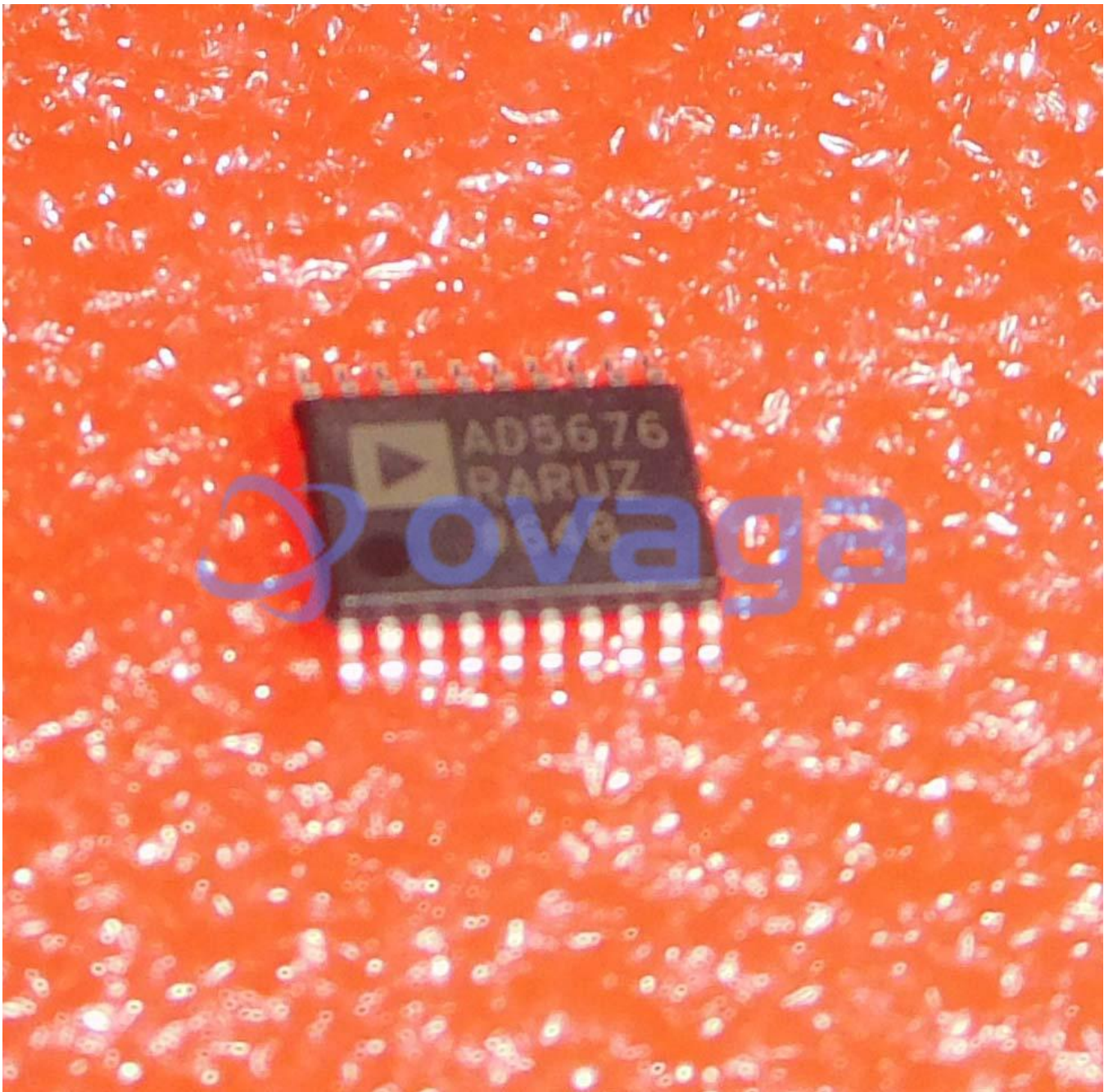
Base-station power amplifiers

Process control (PLC input/output cards)

Industrial automation

Data acquisition systems

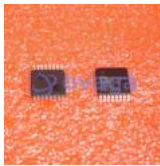




## Related Products



[ADAS3022BCPZ](#)  
Analog Devices, Inc  
LFCSP-40



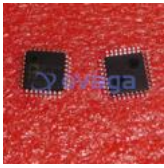
[AD7266BSUZ](#)  
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[AD574AJNZ](#)  
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PDIP-28



[AD7401YRWZ](#)  
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[AD7192BRUZ-REEL](#)

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[AD9680BCPZ-500](#)

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LFCSP-64