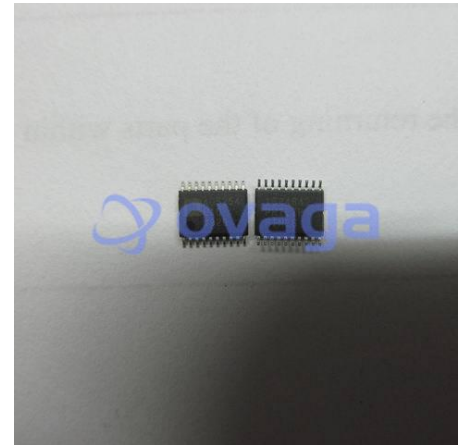


Non Volatile Digital Potentiometer, 10 kohm, Quad, I2C, Serial, Linear, $\pm 20\%$, 2.7 V

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP20
Product Type	Digital Potentiometer ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD5254BRUZ10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD5254BRUZ10 is a digital potentiometer chip manufactured by Analog Devices. It is a 256-position I2C programmable device with a logarithmic resistor configuration, allowing for easy and precise adjustment of resistance in various electronic circuits.

Features

- 256-position digital potentiometer with logarithmic resistor configuration
- 10k Ω resistance range
- I2C interface for easy digital communication with microcontrollers and other digital devices
- Low power consumption
- High reliability and durability
- Small size and easy integration into various electronic designs

Application

- Audio equipment: volume control, tone adjustment
- Power supply and voltage regulation: adjustable power supplies, LED brightness control
- Sensor calibration: precise adjustment of sensor output
- Test and measurement equipment: calibration and signal conditioning
- Industrial automation: motor control, process control, machine calibration

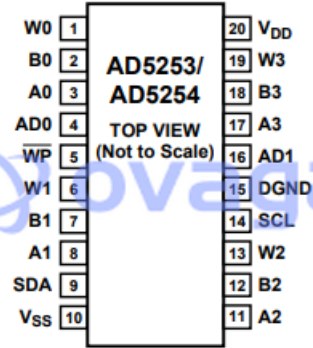
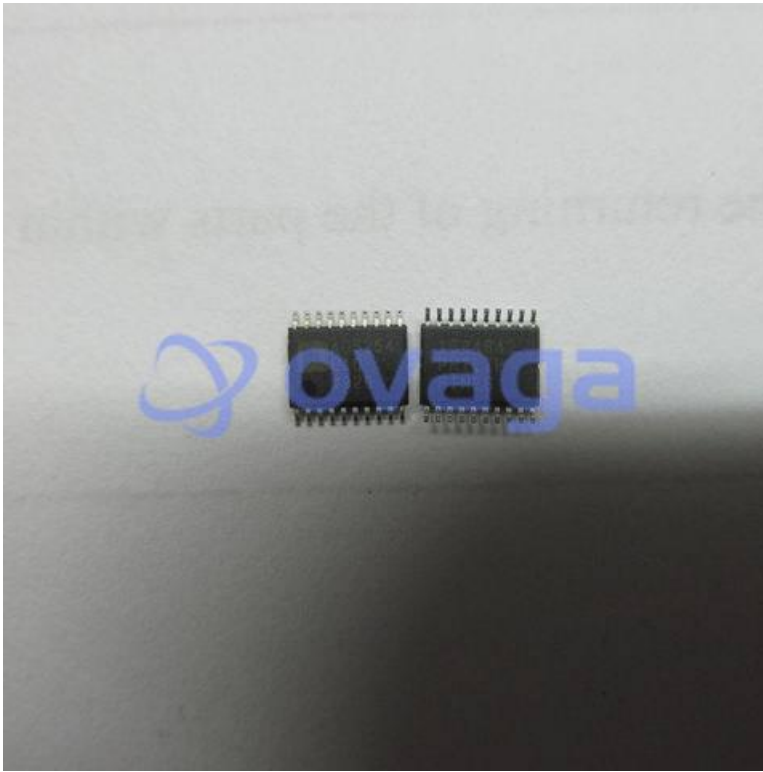
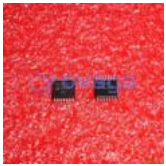


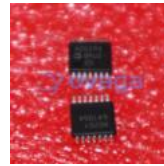
Figure 2. Pin Configuration

Related Products



[AD5292BRUZ-20](#)

Analog Devices, Inc
14TSSOP



[AD5293BRUZ-20](#)

Analog Devices, Inc
TSSOP-14



[AD5242BRZ10](#)

Analog Devices, Inc
SOIC-16



[AD8403ARZ10](#)

Analog Devices, Inc
SOIC-24



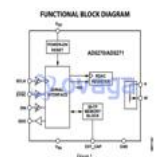
[AD5142ABCPZ10-RL7](#)

Analog Devices, Inc
LFCSP-16



[AD8400ARZ10](#)

Analog Devices, Inc
SOIC-8



[AD5270BRMZ-20](#)

Analog Devices, Inc
MSOP-10



[AD5258BRMZ10](#)

Analog Devices, Inc
MSOP-10