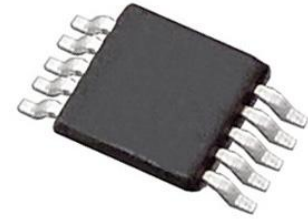


Non Volatile Digital Potentiometer, 50 kohm, Single, I2C, Serial, $\pm 1\%$, 2.7 V

Manufacturers	Analog Devices, Inc
Package/Case	MSOP10
Product Type	D/A Converters (DAC) ; Digital Potentiometers (DigiPOT)
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD5272BRMZ-50 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD5272/AD5274 are single-channel, 1024-/256-position digital rheostats that combine industry leading variable resistor performance with nonvolatile memory (NVM) in a compact package.

The AD5272/AD5274 ensure less than 1% end-to-end resistor tolerance error and offer 50-times programmable (50-TP) memory.

The guaranteed industry leading low resistor tolerance error feature simplifies open-loop applications as well as precision calibration and tolerance matching applications.

The AD5272/AD5274 device wiper settings are controllable through the I2C-compatible digital interface. Unlimited adjustments are allowed before programming the resistance value into the 50-TP memory. The AD5272/AD5274 do not require any external voltage supply to facilitate fuse blow and there are 50 opportunities for permanent programming. During 50-TP activation, a permanent blow fuse command freezes the wiper position (analogous to placing epoxy on a mechanical trimmer).

The AD5272/AD5274 are available in a 3 mm \times 3 mm 10-lead LFCSP package and in a 10-lead MSOP package. The parts are guaranteed to operate over the extended industrial temperature range of -40°C to $+125^{\circ}\text{C}$.

