

Digital Potentiometer 50kOhm 256POS Volatile Linear 8-Pin SOIC N Tube

Manufacturer: [Analog Devices, Inc](#)

Package/Case: SOP8

Images are for reference only

Product Type: Data Conversion ICs

[Inquiry](#)

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

Each VR has its own VR latch that holds its programmed resistance value. These VR latches are updated from an SPI compatible serial-to-parallel shift register that is loaded from a standard 3-wire serial-input digital interface. Ten data bits make up the data word clocked into the serial input register. The data word is decoded where the first two bits determine the address of the VR latch to be loaded, the last eight bits are data. A serial data output pin at the opposite end of the serial register allows simple daisy-chaining in multiple VR applications without additional external decoding logic.

Key Features

256-Position

Replaces 1,2 or 4 Potentiometers

1 k Ω , 10 k Ω , 50 k Ω , 100 k Ω

Power Shutdown - Less than 5 μ A

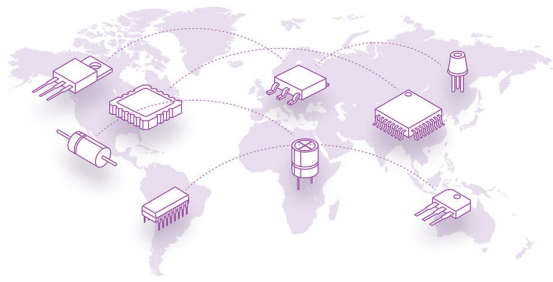
3-Wire SPI-Compatible Serial

Data Input

10 MHz Update Data Loading Rate

2.7 V to 5.5 V Single-Supply Operation

Midscale Preset



Recommended For You

AD5262BRUZ200

Analog Devices, Inc
TSSOP16

AD8402ARUZ50

Analog Devices, Inc
TSSOP-14

AD5160BRJZ50-RL7

Analog Devices, Inc
SOT23-8

AD5280BRUZ20

Analog Devices, Inc
TSSOP14

AD5262BRUZ50

Analog Devices, Inc
TSSOP16

AD5204BRUZ10

Analog Devices, Inc
TSSOP24

AD5207BRUZ10

Analog Devices, Inc
TSSOP14

AD5160BRJZ10-R2

Analog Devices, Inc
SOT23-8

AD5200BRMZ10

Analog Devices, Inc
MSOP10

AD5220BNZ100

Analog Devices, Inc
8-PDIP

AD5259BRMZ100-R7

Analog Devices, Inc
MSOP10

AD5143BCPZ10-RL7

Analog Devices, Inc
16-LFCSP

AD8402ARUZ1

Analog Devices, Inc
TSSOP-14

AD5263BRUZ200

Analog Devices, Inc
TSSOP24

AD5260BRUZ20

Analog Devices, Inc
TSSOP14