

Digital Potentiometer 10kOhm 256POS Volatile Linear 16-Pin PDIP N



Images are for reference only

[Inquiry](#)

Manufacturer: [Maxim Integrated](#)

Package/Case: SMDSMT

Product Type: Data Conversion ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The DS1803 addressable dual digital potentiometer features two independently controlled 256-position potentiometers. Device control is achieved through a 2-wire serial interface. Three address pins allow up to 8 DS1803's to share the same 2-wire interface. The exact wiper position of each potentiometer can be written or read. The DS1803 is available in a 16-pin DIP, 16-pin SO, and 14-pin TSSOP package. The device is available in three standard resistance values: 10kΩ, 50kΩ, and 100kΩ and is specified over the industrial temperature range.

Key Features

3V or 5V Operation

Ultra-Low Power Consumption

Two Digitally Controlled, 256- Potentiometers

14-Pin TSSOP (173 mil) and 16- mil) Packaging Available for Surface- Applications

Addressable Using 3 Address

2-Wire Serial Interface

Operating Temperature Range:

Industrial: -40°C to +85°C

Standard Resistance Values:\x02

DS1803-010 10kΩ

DS1803-050 50kΩ

DS1803-100 100kΩ

Recommended For You

DS1804U-100+

Maxim Integrated
MSOP8

DS1881E-050+

Maxim Integrated
TSSOP16

DS1804Z-050+

Maxim Integrated
SOP-8

DS3904U-020+

Maxim Integrated
MSOP8

DS1804-100+

Maxim Integrated
DIP8

DS1267BS-010+

Maxim Integrated
SOP

DS1804-010+

Maxim Integrated
Correctoriginal

DS1807S+

Maxim Integrated
SOP16

DS1809-010+

Maxim Integrated
franchised

DS3902U-530+

Maxim Integrated
MSOP8

DS1856B-050/T&R

Maxim Integrated
CSBGA-1

DS3930E+T&R

Maxim Integrated
TSSOP-20

DS1806E-050+

Maxim Integrated
TSSOP20

DS1856B-020+

Maxim Integrated
CSBGA

DS1841N+

Maxim Integrated
10TDFN-EP