

Digital Potentiometer 10kOhm 64POS Volatile Linear Automotive 8-Pin SOIC N Tube



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP8

Product Type: Data Conversion ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The MCP401X devices are volatile, 6-bit (64 wiper steps) digital potentiometers with a simple up/down serial interface. The MCP401X devices offer a variety of configurations simplifying design while minimizing cost, package size and pin count. The MCP4011 device offers a voltage divider (potentiometer), with all terminals available on pins. The MCP4012 is a true rheostat, with both nodes of the resistor available on pins. The MCP4013 device offers a voltage divider (potentiometer), with one terminal connected to ground. The MCP4014 device is a rheostat mode device, with one terminal of the resistor connected to ground. The MCP401X family of devices are available with resistor values of 2.1k Ω , 5k Ω , 10k Ω and 50k Ω . These devices operate from a single 1.8V-5.5V supply and draw less than 1 μ A while operating in the static state.

Key Features

Simple up/down (U/D) protocol

power-ON recall of default wiper setting

10ppm Typical ratiometric (potentiometer)

75R Typical low wiper resistance

Up to 12.5V high-voltage tolerant digital inputs

1 μ A Maximum static current low-power operation

Recommended For You

MCP41010-I/SN

Microchip Technology, Inc

SOP8

MCP4011-103E/MS

Microchip Technology, Inc

MSOP8

MCP42100-E/ST

Microchip Technology, Inc

TSSOP14

MCP40D18T-103E/LT

Microchip Technology, Inc
SC70-6

MCP4231-103E/P

Microchip Technology, Inc
PDIP14

MCP4151-104E/P

Microchip Technology, Inc
PDIP

MCP41010-I/P

Microchip Technology, Inc
DIP8

MCP4151-103E/P

Microchip Technology, Inc
PDIP

MCP41HV51-502E/ST

Microchip Technology, Inc
TSSOP14

MCP4011-503E/SN

Microchip Technology, Inc
SOP-8

MCP4017T-104E/LT

Microchip Technology, Inc
SC70-6

MCP4151-503E/P

Microchip Technology, Inc
PDIP-8

MCP4151-103E/SN

Microchip Technology, Inc
SOP8

MCP42010-I/ST

Microchip Technology, Inc
TSSOP14

MCP4011-202E/SN

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