
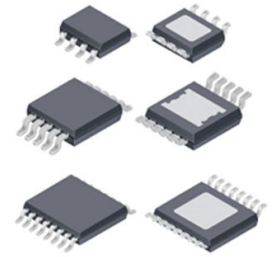


Digital Potentiometer 2.1kOhm 64POS Volatile Linear Automotive 8-Pin SOIC N Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	SOIC
Product Type:	Data Conversion ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[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 2.1kΩ, 5kΩ, 10kΩ and 50kΩ. These devices operate from a single 1.8V-5.5V supply and draw less than 1 μA 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
- 1μA 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

MCP4011-103E/SN

Microchip Technology, Inc
SOP8

MCP42010-I/ST

Microchip Technology, Inc
TSSOP14