


Digital Potentiometer 50kOhm 256POS Volatile Linear Automotive 8-Pin PDIP Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	PDIP-8
Product Type:	Data Conversion ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The MCP41/425X devices are volatile, 8-bit (257 wiper steps) digital potentiometers with an SPI compatible interface. The MCP41/42XX family is available with end-to-end resistor values of 5K Ω , 10K Ω , 50k Ω and 100K Ω . These devices offer a variety of configurations simplifying design while minimizing cost, package size and pin count.

Key Features

8-bit: 257 Resistors with Taps to VSS and VDD

SPI compatible interace

Automatic Recall of Potentiometer Wiper Settings

Resistance Values: 5k Ω , 10k Ω , 50k Ω , 100k Ω

Low Tempco:

Absolute (Rheostat): <100 ppm (typ.)

Ratiometric (Potentiometer): <10 ppm (typ.)

Low Wiper Resistance: 100 Ω (typ.)

Low-Power Operation: 1 μ A Max Static Current

Wide Operating Voltage: 1.8V to 5.5V

Extended Temperature Range: -40 $^{\circ}$ C to +125 $^{\circ}$ C

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

MCP4151-103E/SN

Microchip Technology, Inc
SOP8

MCP4011-103E/SN

Microchip Technology, Inc
SOP8

MCP42010-I/ST

Microchip Technology, Inc
TSSOP14

MCP4011-202E/SN

Microchip Technology, Inc
SOIC