


Digital Potentiometer 100kOhm 256POS Volatile Linear Automotive 14-Pin PDIP Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	PDIP-14
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 5KΩ, 10KΩ, 50kΩ and 100KΩ. These devices offer a variety of configurations simplifying design while minimizing cost, package size and pin count.

Key Features

8-bit:256 Resistors with Taps to VSS and VDD

SPI compatible interace

Automatic Recall of Potentiometer Wiper Settings

Resistance Values: 5kΩ, 10kΩ, 50kΩ, 100kΩ

Low Tempco:

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

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

Low Wiper Resistance: 100Ω (typ.)

Low-Power Operation: 1μA Max Static Current

Wide Operating Voltage: 1.8V to 5.5V

Extended Temperature Range: -40°C to +125°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

MCP4151-503E/P

Microchip Technology, Inc
PDIP-8

MCP4151-103E/SN

Microchip Technology, Inc
SOP8

MCP4011-103E/SN

Microchip Technology, Inc
SOP8

MCP42010-I/ST

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TSSOP14