

Digital Potentiometer 5kOhm 256POS Volatile Linear Automotive 8-Pin PDIP Tube



Images are for reference only

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: DIP8

Product Type: Data Conversion ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[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

128 Resistors with taps to VSS and VDD

SPI compatible interface

<100ppm Typical absolute (rheostat)

<10ppm Typical ratiometric (potentiometer) low tempco

100R Typical low wiper resistance

Resistor network terminal disconnect

Brown-out reset protection (1.5V typical)

Serial interface inactive current (2.5 μ A typical)

High-voltage tolerant digital inputs up to 12.5V

Supports split rail applications

Internal weak pull-up on all digital inputs

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