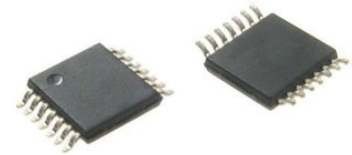


DUAL 7-BIT, NON-VOLATILE LINEAR POT W/SPI, -40C to +125C, 14-TSSOP, TUBE, Digital Potentiometer ICs Dual 7B NV SPI POT

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	TSSOP-14
Product Type	Digital Potentiometer ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCP4241-103E/ST or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The MCP41/424X devices are non-volatile, 7-bit (129 wiper steps) digital potentiometers with EEPROM and an SPI compatible interface. The MCP41/42XX family is available with end-to-end resistor values of 5K $\Omega$ , 10K $\Omega$ , 50k $\Omega$  and 100K $\Omega$ . These devices offer WiperLock™ Technology which allows the user unlimited reprogramming and locking of the wiper setting. It is useful for equipment that requires factory trimming or recalibration. The MCP41/42XX devices offer a variety of configurations simplifying design while minimizing cost, package size and pin count.

## Features

7-bit: 128 Resistors with Taps to VSS and VDD

SPI compatible interace

Automatic Recall of Potentiometer Wiper Settings Resistance Values: 5k $\Omega$ , 10k $\Omega$ , 50k $\Omega$ , 100k $\Omega$

Low Tempco:

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

Low Wiper Resistance: 100 $\Omega$  (typ.)

WiperLock™ Technology to Secure the EEPROM

Low-Power Operation: 1 $\mu$ A Max Static Current

Wide Operating Voltage: 2.7V to 5.5V

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

## Related Products



### [MCP4352T-104E/ST](#)

Microchip Technology, Inc  
TSSOP-14



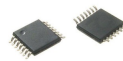
### [MCP4661T-103E/ML](#)

Microchip Technology, Inc  
QFN-16



### [MCP45HV51-503E/ST](#)

Microchip Technology, Inc  
TSSOP-14



### [MCP45HV51-502E/ST](#)

Microchip Technology, Inc  
TSSOP-14



### [MCP41HV51-104E/ST](#)

Microchip Technology, Inc  
TSSOP-14



### [MCP41HV51-103E/ST](#)

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TSSOP-14



### [MCP42100-I/SL](#)

Microchip Technology, Inc  
SOIC-14



### [MCP4461-103E/ST](#)

Microchip Technology, Inc  
TSSOP-20