

# MCP42XX Evaluation Board

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Part Number: MCP42XXEV

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The MCP42XX Evaluation Board allows the system designer to quickly evaluate the operation of Microchip Technology's MCP4261 Digital Potentiometer device. The board uses the TSSOP20EV Generic PCB and has been populated for the MCP4261. The 6-pin header (PICKit Serial) has been jumpered to the MCP4261's appropriate pins. This allows the PICKit Serial to communicate with the device.

Devices Supported: MCP4231, MCP4241, MCP4251, and MCP4261



### Features

### Package Contents

- PICKit Serial Interface
- One Resistor Network for Potentiometer configuration
- One Resistor Network for Rheostat or Potentiometer configuration
- One TSSOP-20 and SSOP-20 Evaluation Board

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| AppNotes  | Last Updated          | Size  |  |
|---|-----------------------|-------|--|
| AN1154 - Precision RTD Instrumentation for Temperature Sensing        | 5/6/2013 2:30:56 PM   | 274KB |  |
| AN1080 - Understanding Digital Potentiometers Resistor Variations     | 7/27/2009 1:45:44 PM  | 565KB |  |
| AN1316 - Using Digital Potentiometers for Programmable Amplifier Gain | 4/14/2010 10:44:01 AM | 441KB |  |
| Documents   | Last Updated          | Size  |  |
| Quick Guide to Microchip Development Tools                            | 8/5/2013 11:14:00 AM  | 7MB   |  |
| Digital Potentiometer Design Guide                                    | 1/3/2011 9:16:34 PM   | 706KB |  |
| 7/8-Bit Single/Dual SPI Digital POT with Non-Volatile Memory          | 12/10/2008 3:54:06 PM | 2MB   |  |
| 7/8-Bit Single/Dual SPI Digital POT with Volatile Memory              | 12/10/2008 3:21:49 PM | 2MB   |  |
| 20-Pin TSSOP and SSOP Evaluation Board Gerbers                        | 11/12/2009 4:35:46 PM | 185KB |  |
| MCP42XXEV Evaluation Board User's Guide                               | 4/14/2010 3:16:28 PM  | 2MB   |  |