



A Leading Provider of Microcontrollers & Analog Semiconductors

Part Number: MCP3425EV

MCP3425 SOT23-6 Evaluation Board

Devices Supported: MCP3425



Summary Description:

The MCP3425 SOT23-6 Evaluation Board (P/N MCP4725EV) contains a MCP3425 18-bit Delta-Sigma Analog-to-Digital Converter (ADC). The MCP3425 is an 18 bit single channel ADC device with various options. The MCP3425 SOT23-6 Evaluation Board has analog input connection pads and various test pads. The user can connect any sensor input signal to this evaluation board and test the ADC conversion results. The PICKit™ Serial Analyzer's PC graphic user interface (GUI) provides user's interface for configuration register bits of the MCP3425 and displays the ADC conversion values.

The PICKit™ Serial Analyzer links between the GUI and the MCP3425 SOT23-6 Evaluation Board, and provides the I²C communication to the MCP3425 SOT23-6 Evaluation Board. The user also can use this MCP3425 SOT23-6 Evaluation Board without the PICKit™ Serial Analyzer as long as providing the I²C communication signal using the user's test board.

Features:

- Measure sensor voltage
- Test Pins for I²C Interface Signals
- Work with PICKit Serial