

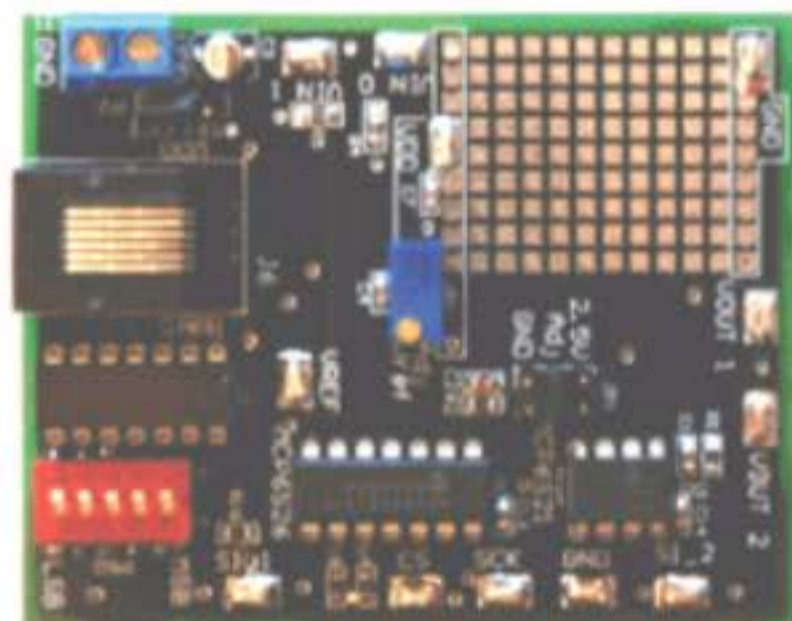
MCP6S2X PGA Evaluation Board [Buy Now](#)



Part Number: MCP6S2XEV

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The MCP6S2X PGA Evaluation Board (Rev. 4) features the MCP6S21/91 and MCP6S26 devices. The PGA devices interface to a PIC16F676 providing versatile selection of input channels and gains to evaluate device performance. The board supports multiple input signal sources and two devices are cascaded to produce a gain between 1 V/V and 1024 V/V .



Features

Package Contents

- MCP6S26 multiplexes 6 analog input signals
- Device gains from 1 to 32 V/V can be configured
- MCP6S21/91 and MCP6S26 are cascaded to allow for gains between 1 V/V and 1024 V/V
- Reference voltage inputs of 0V, 2.5V and 5.0V are provided
- SMD pads for adding SMD connectors
- Prototyping area for custom circuit development
- Reprogrammable PIC16F676 with ICSP™ (In-Circuit Serial Programming) interface

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AppNotes	Last Updated	Size	
AN248 - Interfacing MCP6S2X PGAs to PICmicro® Microcontroller	9/26/2005 12:25:37 PM	265KB	
Documents	Last Updated	Size	
MCP6S21/2/6/8 Datasheet	2/5/2013 10:07:19 AM	724KB	
MCP6S22 PGA Thermistor Demo Board Video	5/20/2009 3:43:06 PM	18MB	
MCP6S2X PGA Evaluation Board Gerbers	1/6/2006 2:29:46 PM	191KB	
MCP6S2X PGA Evaluation Board Firmware	1/6/2006 2:27:08 PM	2KB	
Single-Ended, Rail-to-Rail I/O, Low-Gain PGA	10/20/2004 5:07:49 PM	690KB	
MCP6S2X Eval. Board User's Guide	9/10/2004 4:21:01 PM	638KB	