

MCP3905A Energy Meter Evaluation Board

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Part Number: MCP3905EV

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The MCP3905A Evaluation board is designed (using the new MCP3905A device) to test out a variety of energy meter designs. On the input side high voltage line and load AC-plug headers are included, along with mounting holes for shunts, current transformers, and screw-type connections for wiring. On the output side a large prototype area is included along with optical isolation and a standard PICTail header for experiment with a variety of PIC-based energy meter designs.



Features

Package Contents

- Uses the new MCP3905A device
- Evaluation system for a variety of energy meter designs
- Easy connection to line and load experiments with AC plug and screw-type connections
- PIC demonstration board connections (PICTail) with optical isolator
- On-board power supply circuitry for power-supply evaluation and experimentation
- Resistive network with mechanical potentiometer for calibration experimentation
- Jumpers for gain and frequency selection

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AppNotes	Last Updated	Size	
AN994 - IEC Compliant Active-Energy Meter Design Using the MCP3905/6	7/1/2009 8:55:07 AM	554KB	
Documents	Last Updated	Size	
Intelligent Metering & Power Monitoring Solutions	1/28/2015 2:00:03 PM	280KB	
MCP3905A/05L/06A Data Sheet	7/21/2011 2:46:05 PM	535KB	
MCP3905A/6A Evaluation Board User's Guide	8/28/2009 10:06:23 AM	565KB	
MCP3905A Power Meter Evaluation Board Gerbers	1/12/2006 3:05:12 PM	189KB	