



MCP6N11 and MCP6V2x Wheatstone Bridge Reference Design



Part Number: [ARD00354](#)

Summary:

This board demonstrates the performance of Microchip's MCP6N11 instrumentation amplifier (INA) and a traditional three op amp INA using Microchip's MCP6V26 and MCP6V27 auto-zeroed op amps. The input signal comes from an RTD temperature sensor in a Wheatstone bridge. Real world interference is added to the bridge's output, to provide realistic performance comparisons. Data is

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 Documents and Software

 Overview

 Features

 Additional Resources

 Related Tools

Documents and Software

Contains 

> Documents

MCP6N11 and MCP6V2x Wheatstone Bridge Reference Design User's Guide

1/10/2012

2MB



Thermal Management Utility (v1.5.6)

6/22/2018

7MB



PIC18F2455/2550/4455/4550 Data Sheet Errata

3/23/2014

198KB



MCP6N11 Ref Des (ARD00354) BOM

11/8/2011

20KB



MCP6N11 Ref Des (ARD00354) Schematic

11/7/2011

371KB



MCP6N11 Ref Des (ARD00354) Gerbers

11/7/2011

94KB



MCP6N11 Ref Des (ARD00354) Firmware v1.0 (hex only)

11/7/2011

10KB



MCP6N11

10/11/2011

5MB



MCP6V26/7/8 Data Sheet

8/10/2011

2MB



PIC18F2455/2550/4455/4550 Data sheet

10/27/2009

6MB



PIC18F2458/2553/4458/4553 Data Sheet

10/21/2009

829KB



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