Other Links

- Buy/Sample Options TC1047ADM-PICTL
- Contact Microchip
- Development Tool Selector
- Microchip Advanced Parts Selector (MAPS)

Programming

- Design Center Home
- Programming Home
- Programming Specifications
- Code Examples
- Code Templates
- Firmware Drivers
- Gerber Files
- Application Maestro ™ Software

Resources

- Technical Support
- 24/7 Technical Support
- Third Party Development Tools and Design Resources
- Online Discussion Groups

TC1047A Temp-to-Voltage Converter PICtail Demo Board

Buy it Now

Part Number: TC1047ADM-PICTL

Devices Supported: TC1047A

Summary Description:

The TC1047A Temperature to Voltage Converter PICtail Demo Board demonstrates how to interface the TC1047A Temperature to Voltage Sensor device to a microcontroller. This board can connect directly to the PICkit 1 Flash Starter Kit, providing a platform for code development and evaluation. The system designer will be able to use this design as an example of how to integrate an analog temperature sensor in their system.

Features:

- Available F/W routine transmits TC1047A temperature data via SPI serial bus to a PIC microcontroller, as well as performs conversions to °F and °C.
- Standard 100-mil header for easy interface to PICkit 1 Flash Starter Kit or custom application
- Small PCB layout

Downloads

Title	Date Published	Size	D/L
Low Cost Development Tools Guide	2/17/2009 5:48:57 PM	1313 KB	
Stand-Alone Analog and Interface Solutions Brochure - English	2/23/2009 2:09:52 PM	478 KB	
TC1047/A Data Sheet	3/20/2007 4:54:10 PM	129 KB	
TC1047/A Data Sheet (Chinese)	8/3/2006 12:46:12 AM	454 KB	
TC1047A Temp-to-Voltage Converter PICtail Demo Board Firmware	1/6/2006 11:04:00 AM	13 KB	
TC1047A Temp-to-Voltage Converter PICtail Demo Board Gerbers	1/6/2006 12:37:00 PM	224 KB	
TC1047A Temperature-to-Voltage Converter PICtail™ Demo Board User's Guide	6/27/2006 12:03:00 PM	491 KB	

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