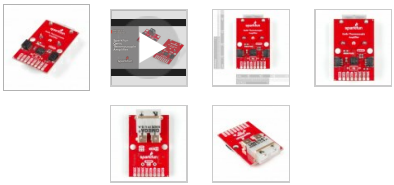

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Previous Versions

SparkFun Qwiic Thermocouple Amplifier - MCP9600 (PCC Connector)

SEN-16294

DESCRIPTION | FEATURES | DOCUMENTS

- Temperature Range of -200°C to 1350°C
- Four Onboard Temperature Alerts
- Resolution of 0.0625°C
- PCC Connector for K-Type Thermocouple
- ADDR Jumper for variable I²C Addresses (**default address of 0x60**)
- 2x Qwiic Connectors

Tags

AMPLIFIER | BREAKOUT | I2C | K-TYPE | MCP9600 | PCC CONNECTOR | QWIIC | SENSOR | SPARKFUN ORIGINAL | TEMPERATURE | THERMOCOUPLE

SparkFun Qwiic Thermocouple Amplifier - MCP9600 (PCC Connector) Product Help and Resources

TUTORIALS | VIDEOS | SKILLS NEEDED

SparkFun Qwiic Thermocouple Hookup Guide

MARCH 12, 2020

Learn how to hook up your Qwiic Thermocouple Amplifier.

COMMENTS 3 | REVIEWS 0

Comments

Looking for answers to technical questions?

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Talobab / about 3 weeks ago / 1

Is it possible to get this without the PCC soldered or maybe you guys change the PCC to Type B? Using a type K PCC means the user is restricted to type K TCs (due to the chemical makeup of the connector), whereas if you used a type B (copper-copper) the user could use any type TC (since the cold junction compensation happens so close to the connector. This would open up more of a market.

> xtopher / about 3 weeks ago / 1
>
> Although we don't offer a version of the board with a PCC to Type B variation, we do offer a version of this board without Qwiic and without the PCC Connector pre-soldered. We also released a version of this board with a screw terminal today in order for more user-defined options.
>
> We decided to release this PCC Connector type and the version with a screw terminal to provide individuals with a common connector (PCC) as well as one that provides more options (screw terminal). Hopefully, this helps!
>
> > Talobab / about 2 weeks ago / 1
> >
> > Thanks for the reply! To be clear, the point I was making was switching to the B type or U type PCC would change nothing about what you have supported here while simultaneously adding support for all the other TC types (since the cold junction is so close by), which seems like a win-win. The screw terminal unit is helpful, thanks. The other unit is a lower resolution, so not particularly good for type R/S or B TCs.