Grove Shield for Intel Joule

SKU 103030095

IN STOCK 13 Available

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Description

At the 2016 Intel Developer Forum, Intel announced the availability of the Joule Module, a Linux system on module that offers high computational power, RAM, and storage. This Grove shield introduces the family of Grove modules to the powerful Intel JouleTM, aims at helping inventors and IoT developers create there project more convenient and faster.
By simply plugging it on your Joule board, it will own 8 solid and easy-to-use Grove connectors which includes interfaces like I2C, UART, digital I/Os and analog inputs right away. In addition to rich Grove connectors, the shield also keeps 2x20 pin headers in case you want more GPIOs for the project. An integrated switch on the board allows you to select the working voltage at either 5V or 3.3V.

Note

Please pay attention to the orientation when you are plugging the shield.
Libmraa does not support the UART pins of Joule for the time being. So the UART interface is not available.

Features

- Interfaces: 8 Grove connectors
- Plug-and-play
- Interfaces Detail: I2C x 3, UART x 1, Digital x 2, Analog x 2
- Working Voltage: 5V/3.3V
- A switch for selecting working voltage.
- 4 channel analog interface, Resolution: 12 Bits
- Working temperature: -40 - 85℃
- Size: 84.9*51.7mm

Documents

- For libraries and documents, please visit our Wikipage.
- For technical discussion, please come to our Forum.
- For projects that you would like to share with the community, please visit Recipe.

Best-sellers

Grove Maker Kit for Intel J...


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Grove Cape for BeagleBon...


Grove - 6-Axis Accelerome...

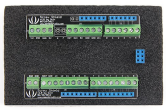
Technical Details

Dimensions	140mm x 75mm x 27mm
Weight	G.W 49g
Battery	Exclude

Questions and Answers

Have a question about this? Ask people who own it.

View History


Screw Shield


XBee Shield V2.0


Base Shield V2


SD Card Shield V4