



Grove Shield for Intel Joule

SKU 103030095     

IN STOCK 13 Available

- 1 +

ADD TO CART

- Description
- Best-sellers
- Technical Details
- Questions and Answers
- View History

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 Joule™, aims at helping inventors and IoT developers create their 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.

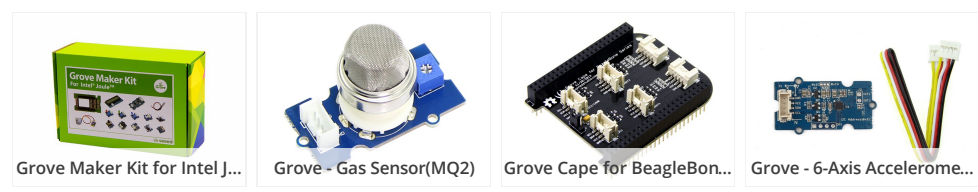
Features

- 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°C
- Size: 84.9*51.7mm

Documents

- For libraries and documents, please visit our [Wiki](#) page.
- For technical discussion, please come to our [Forum](#).
- For projects that you would like to share with the community, please visit [Recipe](#).

Best-sellers



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

Questions and Answers

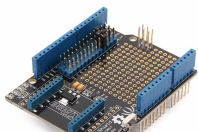
Have a question about this? Ask people who own it.



View History



Screw Shield



XBee Shield V2.0



Base Shield V2



SD Card Shield V4

POPULAR SEARCHES

- PCB Manufacturing
- PCB Stencil
- Arduino
- XBee
- Arduino Shield
- Beaglebone Black
- Raspberry Pi
- Raspberry Pi Touchscreen
- Linkit
- Cubieboard
- Beaglebone Cape
- FPGA
- LinkIt ONE
- Crazyflie 2.0
- Raspberry Pi 3 Model B
- RF Explorer
- DSO Nano v3
- MediaTek X20
- HiKey Board
- rplidar
- raspberry pi relay
- RPLIDAR A2



SHIPPING INFORMATION



KNOWLEDGE BASE



HELP CENTER

Seeed Info

- Reach Us
- Distributors
- Designers
- Careers
- Site Map

Customer Service

- Contact Us
- Customer Support
- Technical Support

Terms and Conditions

- Order Information
- Shipping Information
- Payment Information
- Warranty and Return
- Terms of use
- Privacy Policy

Stay Tuned

Subscribe to get the latest product releases, activities and tutorials from Seeed Studio.

email address

>



Copyright © 2008-2017 Seeed Development Limited All rights reserved



Select Language ▾

Contact Support