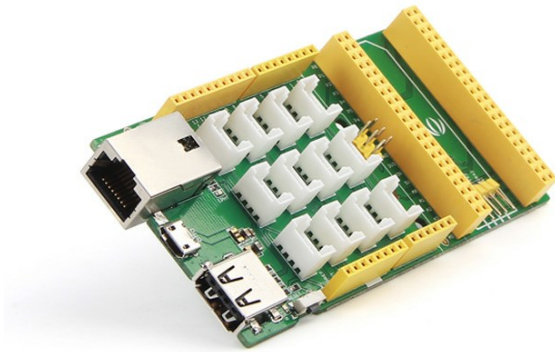




Description

Arduino Breakout for LinkIt Smart 7688 Duo is an Arduino Yún compatible (share the same MCU model) and a Grove port feature expansion board for LinkIt™ Smart 7688 Duo development platform. This breakout board allows you to use different features from Arduino Yún and LinkIt Smart 7688 Duo which will help you build rich applications based on various, robust and compiled Arduino sketches. This breakout board will save a lot of work and makes prototyping easier through simplified wiring. So it helps a beginner get a quick start. It supports serial buses like I2C, UART and provides access to reserved original pins of LinkIt™ Smart 7688 Duo. It also comes with USB and Ethernet ports.

In addition, it also integrates several frequently used peripheral ports such as USB port, Ethernet port. LinkIt Smart 7688 Duo(a compact controller board) is an open development board, based on the OpenWrt Linux distribution, MT7688 and ATmega32u4. The board is designed especially to enable the prototyping of Rich Application IoT devices for smart house.

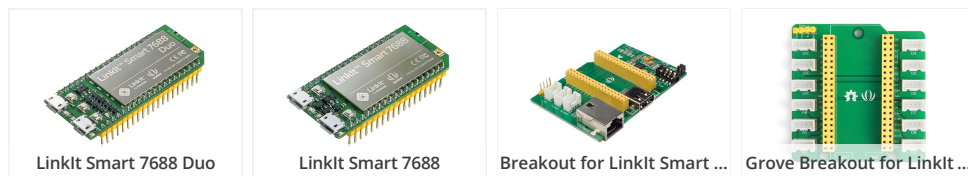
FEATURES

- Arduino Shield Compatible,
- 1 x Ethernet to connect to internet
- 1 x USB 2.0 for more peripherals
- Grove interfaces: I2C × 2, Analog × 3, Digital× 6, UART × 1
- 4-pin debug port × 1, ICSP × 1

DOCUMENTS

Please visit our [Wiki](#) page for more info about this product. It will be highly appreciated if you can help improve the documents, add demo codes or tutorials. For technical support, please post your questions to our Forum.

Best-sellers



Technical Details

Arduino Breakout for LinkIt Smart 7688 Duo

SKU 103030033


IN STOCK

HK: 18 Available

US: 4 Available

fulfillment by 

- 1 +

ADD TO CART

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Weight	G.W 83g
Battery	Exclude
Input voltage	5.0V(With USB Power port)
Operating voltage	3.3V
Debug pins	
Ethernet pins and USB type-A host pins connect with MT7688	
Other pins connect with ATmega32U4	

Part List

Arduino Breakout for LinkIt Smart 7688 Duo	1
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Documents

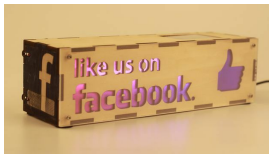
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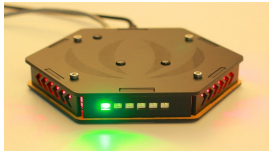
Built an IoT application with Smart LinkIt 7688

This is the demo for Grove - Starter kit Smart LinkIt 7688. Here we share this project control your desk lamp. You can get light value of surrounding, and display on OLED.You lamp via 3 ways as well. ...



Facebook Like Monitor

A device to get how many likes at your Facebook page



Smart router with WiFi Connection Visualization

Smart router with WiFi Connection Visualization



Lightsaber Stand for Hackers

For 2015 HITCON CTF(<http://ctf.hitcon.org/>) contest we decided to present something special for the hacker teams - a Star Wars-themed lightsaber score board! The CTF involves each team attacking other"capture flag"through system ...



ReRouter - Make an Extensible IoT Router

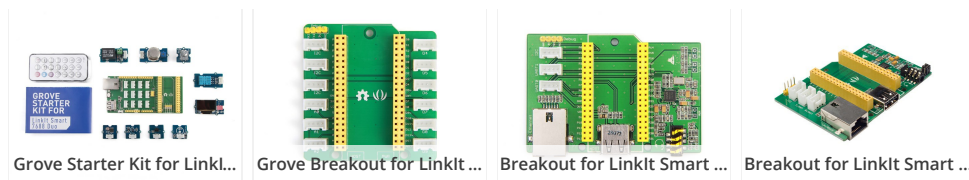
A few months ago, I shared my project aboutRouter named Smart router with WiFi Connection Visualization. which can tell you the number of devices that are connected to your and monitors network speed. Luckily I've got more than 96k views ...

Questions and Answers

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



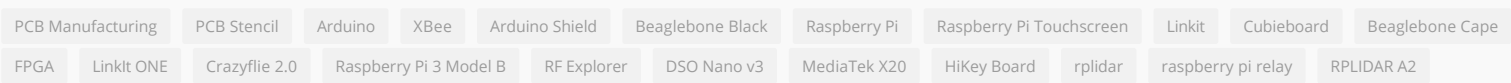
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