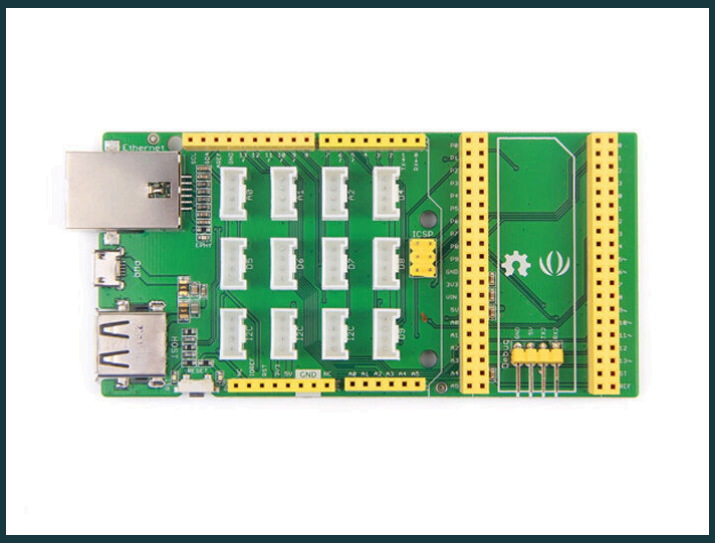
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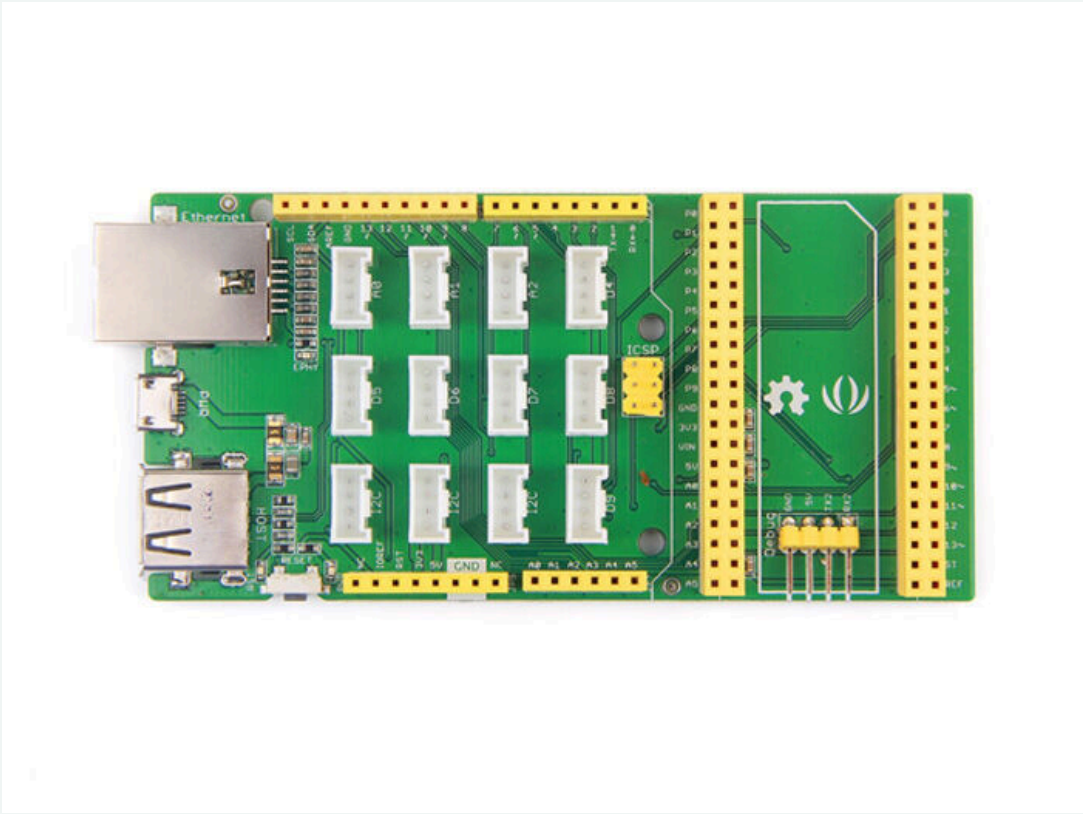
Arduino Breakout for LinkIt Smart 7688 Duo

Arduino Yún compatible breakout board with Grove interfaces for LinkIt Smart 7688 Duo, streamlining IoT prototyping and development.

SKU	UPDATED	PRICE
103030033	2025-07-30 07:31:39	$12.95(Excl. VAT)



Overview



The Arduino Breakout for LinkIt Smart 7688 Duo is an Arduino Yún compatible expansion board with Grove ports, USB, and Ethernet, designed to simplify prototyping with the LinkIt Smart 7688 Duo platform. It supports I2C, UART, and Arduino sketches, enabling rich IoT applications for smart homes, robotics, and multimedia devices.

Key Features

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 LinkItTM 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 LinkItTM 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.

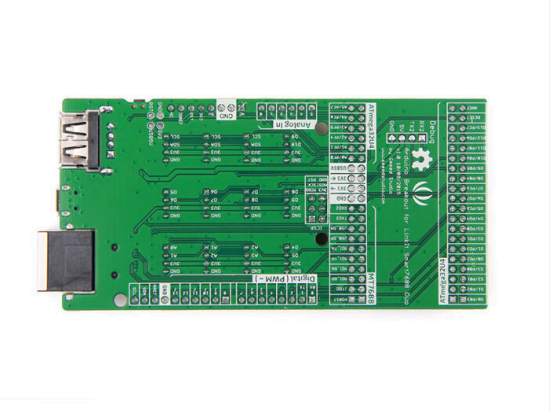
Features

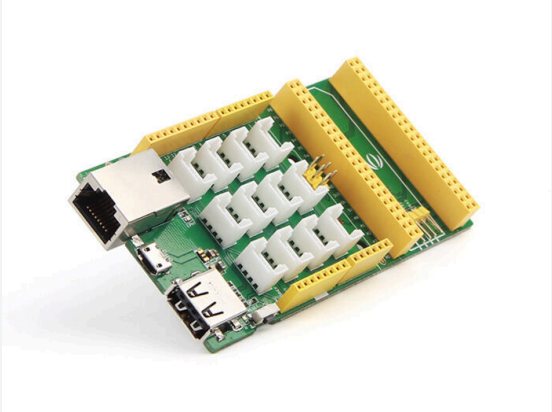
- Arduino Shield Compatible,
- 1 x Ethernet to connect to internet
- 1 x USB 2.0 for more peripherals
- Grove interfaces: I2C × 2, Analog × 3, Digital× 6, UART × 1
- 4-pin debug port × 1, ICSP × 1

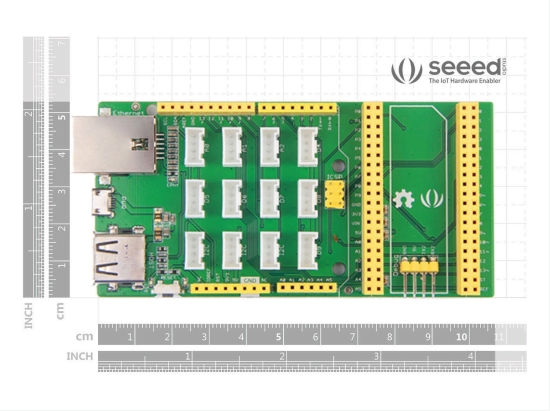
Application Ideas

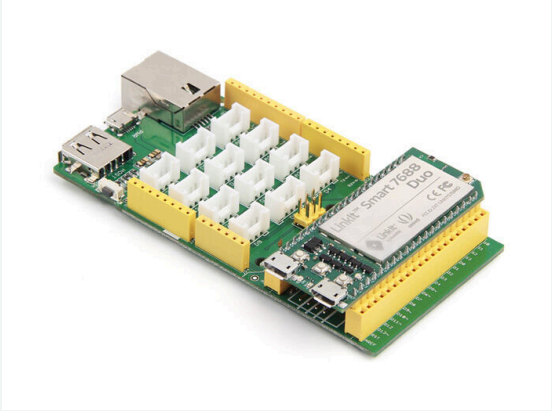
- IoT/Gateway Device.
- Robotics
- Smart multimedia devices
- Teaching and learning

Product Gallery











Part List

Arduino Breakout for LinkIt Smart 7688 Duo	1

Compliance & Logistics



HSCODE	8543909000
USHSCODE	8543903500
UPC	841454118404
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Arduino-Breakout-for-LinkIt-Smart-7688-Duo-p-2576.html
- Schematic files
- Wiki link for LinkIt Smart 7688 Duo
- OpenWrt

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