

# Grove Breakout for LinkIt Smart 7688 Duo

SKU 103030032

Up to 12 Grove ports Designed for quicker prototyping Provides I2C interfaces, analog input and digital I/Os Debug pins available on board Concise layout

Grove Breakout for LinkIt™ Smart 7688 Duo is a Grove port integrated and a feature expansion board for LinkIt™ Smart 7688 Duo development board. This breakout board will save a lot of work for quicker prototyping, especially for novices through simplified wiring procedure. So it will help 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. 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

- Grove interfaces: I2C × 3, Analog× 3, Digital× 6

## Specification

- Input voltage: 5.0V(With USB Power port)
- Operating voltage: 3.3V
- Debug pins connect with MT7688
- Other pins connect with ATmega32U4.

## DEMO



### Facebook Likes Reminder

It will remind you when you have a new 'like' on your facebook page. The device will vibrate, the lights will twinkle, while the screen will show the real-time facebook likes. Learn more at our [Recipe](#).

### Technical details

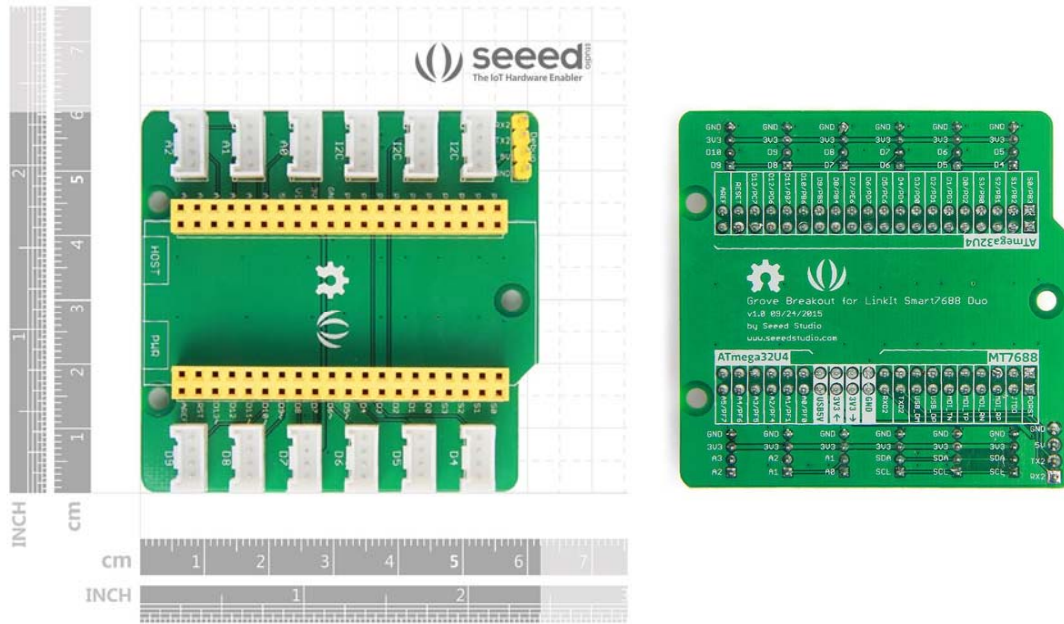
Dimensions	135mm x65mm x34mm
Weight	G.W 45g
Battery	Exclude

### Part List

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# ECCN/HTS

ECCN	EAR99
HSCODE	8517709000
USHSCODE	8517700000
UPC	841454118398



<https://www.seeedstudio.com/Grove-Breakout-for-LinkIt-Smart-7688-Duo-p-2575.html/6-18-19>