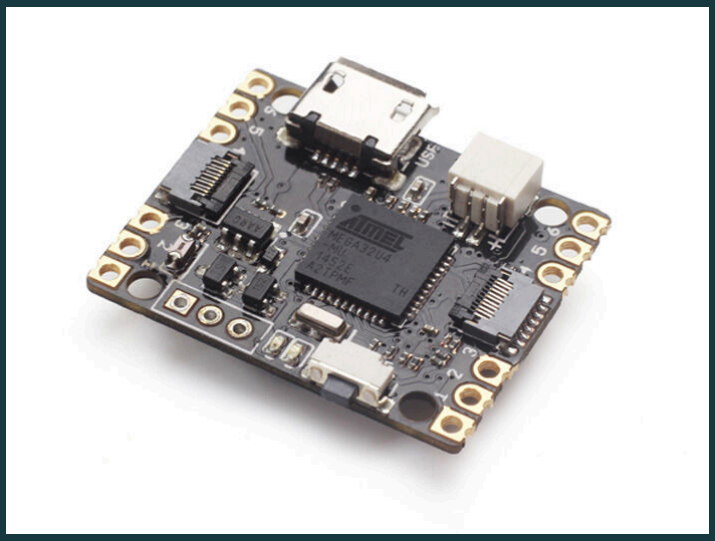
seeed studio

INDUSTRIAL PRODUCT DATASHEET

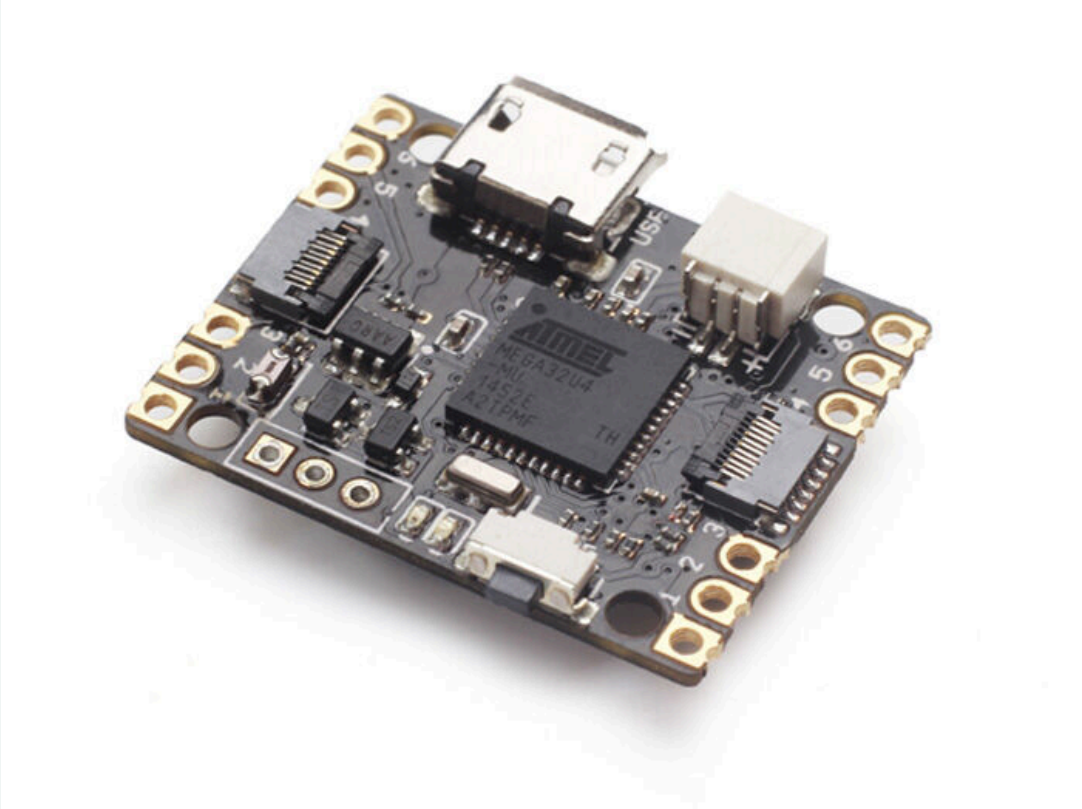
Xadow Duino

The Xadow Duino is the perfect choice for LED lovers to create stackable, chainable lighting projects with WS2812b LEDs and Arduino compatibility.

SKU	UPDATED	PRICE
105040001	2026-04-09 12:33:51	$19.00(Excl. VAT)



Overview



The Xadow Duino is an ATmega32u4-based board designed for building lighting devices with WS2812b RGB LEDs, featuring micro USB and 11-pin Xadow connectors for flexible expansion. It can be powered via USB, LiPo battery, breakout pins, or Xadow GSM+BLE, and programmed using RePhone Kit Create or Arduino IDE.

Key Features

The Xadow Duino is specially designed for building up awesome **Lighting Devices** using the most popular RGB LED WS2812b. Based on the MCU ATmega32u4 and the built-in micro USB, Xadow Duino allows you to either control the RGB LEDs directly from the software in RePhone Kit Create, or program the board with Arduino IDE to make it work dependently.

Unlike any other add-on modules, this board also has its own battery socket (JST1.0 type), so you can power it in many ways:

- Via 5V USB (if the battery is connected, it would also charge the battery simultaneously)
- Via 3.7V Lipo battery
- Via breakout pins
- Via Xadow GSM+BLE

Include
Xadow Duino* 1
FPC Cable 11 PIN * 2
LED strip * 1

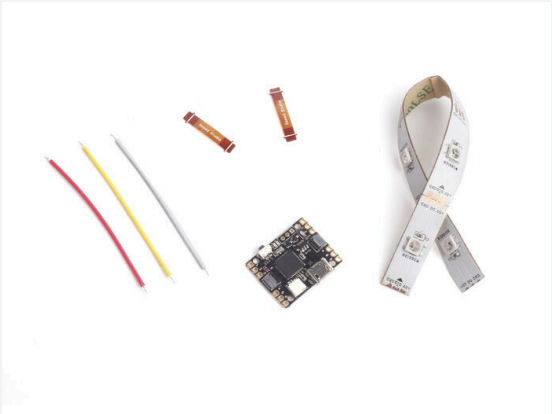
Features:

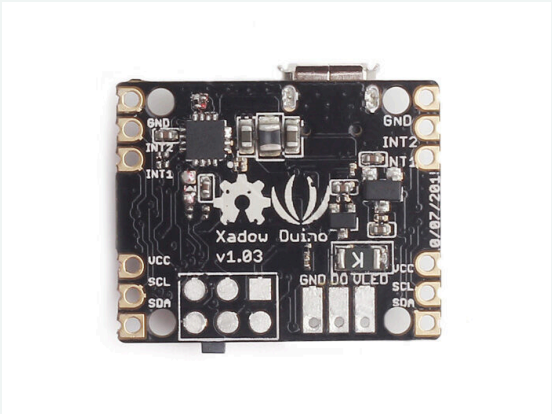
- Able to work like an Arduino
- Plug-and-play if connected with RePhone Kit Create
- Open source and modular design
- Slim and small
- Specially designed for WS2812B
- Built-in 11PIN Xadow Connectors for full flexible connection with other Xadow Modules
- Stackable, chainable and sewable with other Xadow Modules
- Perfect choice for LED lovers

Specification:

Documents
Please visit our **wiki** page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Product Gallery







Compliance & Logistics

HSCODE	8538900000
USHSCODE	8538901000
UPC	841454117315
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Xadow-Duino-p-2556.html
- Source Code for Xadow Duino
- Xadow Duino Schematic Files
- WS2812B

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com