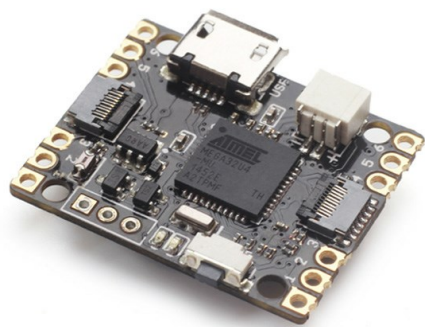Bazaar / IoT / Wearable / Xadow Duino

Xadow Duino
SKU 105040001

The Xadow Duino is specially designed for building up awesome Lighting Devices using the most popular RGB LED WS2812b

IN STOCK 5 Available

Qty : − 1 +

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Xadow GSM + BLE + Xadow Duino = **ADD TO CART**

Documents
WIKI ✦
WS2812B ✦
Xadow Duino Schematic Files ✦

Recommendations
Xadow GPS v2

Xadow Basic Sensors

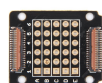Xadow GSM + BLE

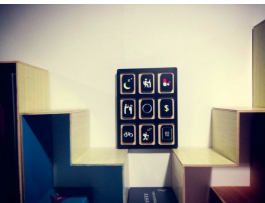Xadow - M0 mbed enabled ARM Cortex-M0...

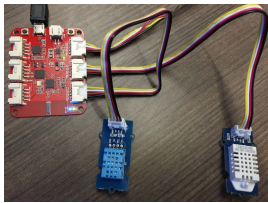RePhone Kit Create

Xadow LED 5 x 7
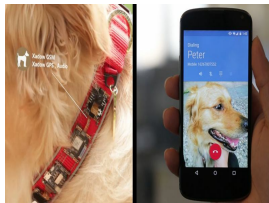
Xadow Audio

Xadow GSM Breakout

Description
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:

Microcontroller:	ATmega32u4
	5V via USB, current draw is 1.5A at Max

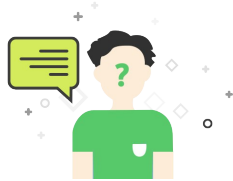See More ⌄

Recipes

DIY a sweet gift for your parents

Xadow luminescent bag straps

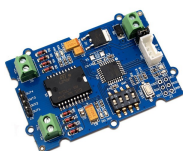RePhone - Traceable Dog Collar

Questions and Answers

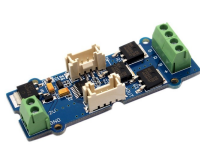Have a question about this? Ask people who own it.

View History

Grove - Vibration Motor

Grove - I2C Motor Driver

Grove - LED Strip Driver

Motor Shield V2.0

4A Motor Shield

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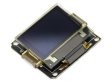
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Xadow 1.54 inch Touchscreen

Xadow NFC v2

Xadow - NFC

LinkIt Smart 7688 Duo

Xadow - RGB OLED 96x64

Wio Node

RePhone Strap Kit for Pebble Time

LinkIt ONE

Xadow - GPS

ESP-32S Wifi Bluetooth Combo Module

RePhone Extension Pack

NodeMCU v2 - Lua based ESP8266...

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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

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