



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Xadow - LED 5x7



The Xadow LED 5x7 consists of a 5x7 monochrome LED matrix and a LED controller. You can send command to the LED controller through I2C interface (address 0x21) to display numbers, letters or even pixel images. This could come handy sometime in your project.

Features

- LED Matrix
- Plug-and-play if connected with RePhone Kit Create
- Open source and modular design
- Slim and small
- Built-in 11 PIN Xadow Connectors for full flexible connection with other Xadow Modules
- Stackable, chain-able and sew-able with other Xadow Modules

Specification

Microcontroller STM32F030F4

Core ARM® 32-bit Cortex® -M0 CPU

Power Supply 3.3 ~ 6 V (via breakout pins)

Flash 16 KB

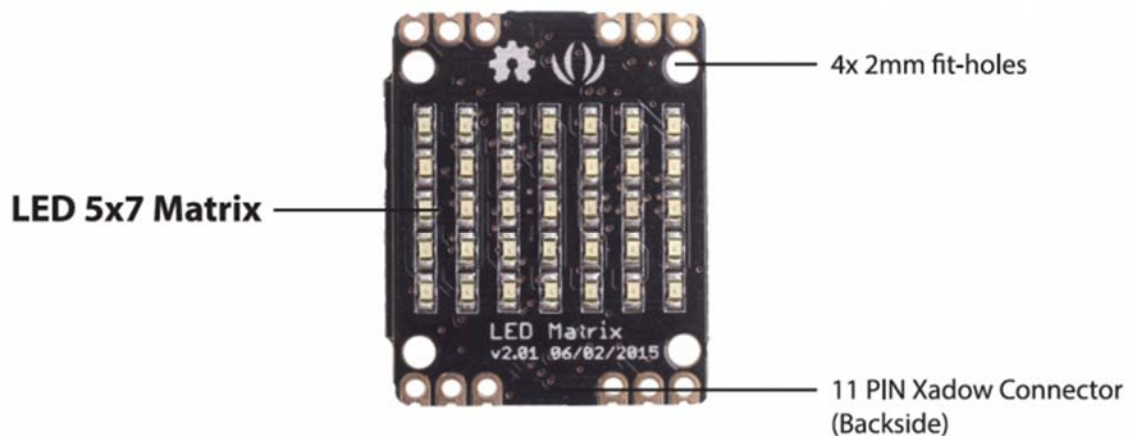
SRAM 4 KB

Clock Speed 48 MHz

Interfaces Interface with Xadow GSM+BLE through I2C (7-bit address 0x21)

Dimension 25.37mm × 20.30mm / 1" × 0.8"

Hardware Overview



Use it with RePhone Kit Create

Display characters:

Without any programming, you can connect it to the Core Module (Xadow GSM+BLE) of your 'RePhone Kit Create' to display numbers and letters using the 'Actuator Control'.

Set 'If This Then That' :

You can also set conditions in the 'If This Then That' to trigger the Xadow LED 5x7 to display specific characters or pixel images.

Rephone Community



We've been looking for a better place where our backers (RePhone Users) can sit together, warmly and comfortably, have conversations about RePhone, discuss technical problems, share ideas/projects, and give feedback on the modules' development in the future. And then here we go, the [RePhone Community](#).

Now join us in the [RePhone Community](#)! Together we seek answers, make interesting stuff, care about each other, and share our experiences.