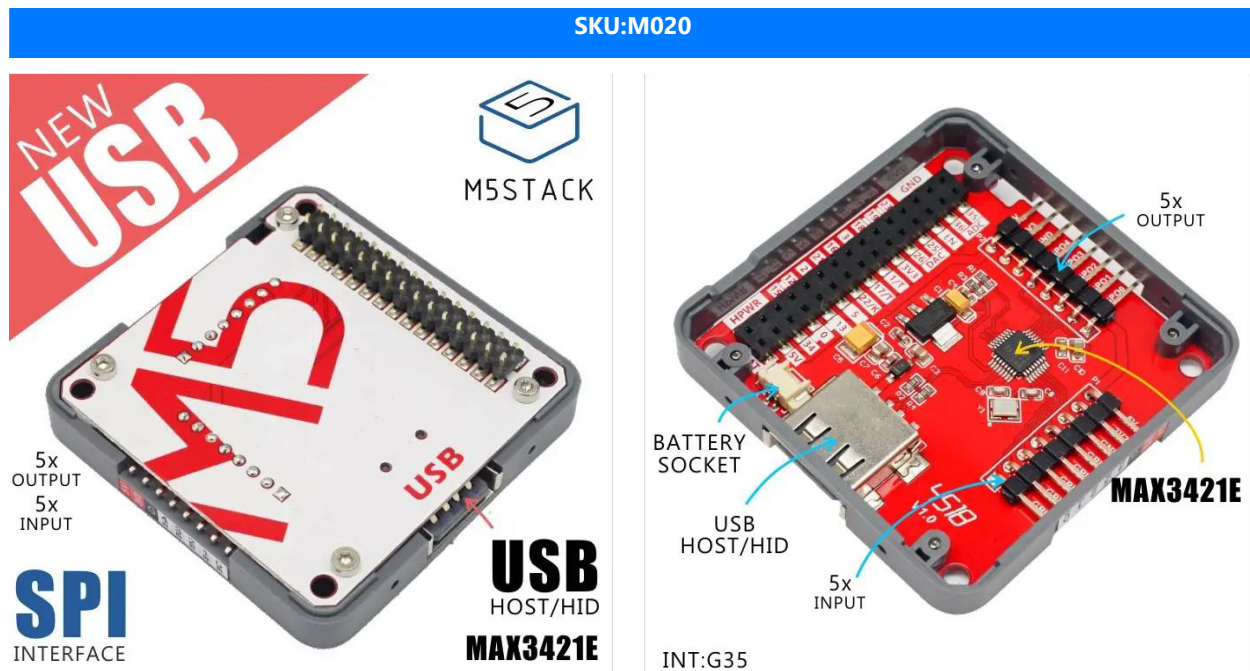




Module USB



Description

USB is a USB driver module, integrated **MAX3421E** which adds USB host or peripheral capability to any system with an SPI interface. Ever up for adding the standard USB features on your project? this M5 module is the perfect solution.

Product Features

- Series Protocol: SPI6
- 1x UAB stadard A port
- 10x extended GPIO pins
- extended 3v3, 5v & GND
- Product Size : 54.2mm x 54.2mm x 12.8mm
- Product weight : 14.5g

Including

- 1x M5Stack USB Module

Applications

- USB keylogger
- Read and write U disk using M5Core

Related Link

- **Datasheet** - MAX3421E

EasyLoader



[click to download EasyLoader](#)

1.EasyLoader is a simple and fast program burner. Every product page in EasyLoader provides a product-related case program. It can be burned to the master through simple steps, and a series of function verification can be performed.**(Currently EasyLoader is only available for Windows OS)**

2.After downloading the software, double-click to run the application, connect the M5 device to the computer via the data cable, select the port parameters, and click "**Burn**" to start burning.

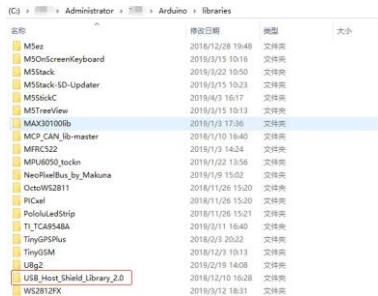
3.The CP210X (USB driver) needs to be installed before the EasyLoader is burned. [Click here to view the driver installation tutorial](#)

Example

To get complete code, please [click here](#)

NOTE:

Before compile this example code, you need to download the corresponding USB library from here. Unzip and copy this library folder to Arduino library path.(This is my pathC:\Users\\Documents\Arduino\libraries)



名称	修改日期	类型	大小
MSee	2018/12/28 19:48	文件夹	
M5OnScreenKeyboard	2019/3/15 10:16	文件夹	
M5Stack	2019/3/22 18:50	文件夹	
M5Stack-SD-Updater	2019/3/15 10:23	文件夹	
M5StackC	2019/4/3 16:17	文件夹	
M5TreeView	2019/3/15 10:13	文件夹	
MAK3D100lib	2019/1/3 17:36	文件夹	
MCP_CAN_lib-master	2018/1/10 18:40	文件夹	
MFRCS22	2019/1/2 14:24	文件夹	
MPU6050_lockn	2018/1/2 13:56	文件夹	
NeoPixelBus_by_Makuna	2018/1/2 15:02	文件夹	
Osc952811	2018/11/26 15:20	文件夹	
PICar	2018/11/26 15:20	文件夹	
PololuLedStrip	2018/11/26 15:21	文件夹	
T1_TC84548A	2018/3/11 16:40	文件夹	
TinyGPSPlus	2018/2/1 20:22	文件夹	
TinyOSM	2018/12/3 10:13	文件夹	
Udp2	2018/2/19 14:08	文件夹	
USB_Host_Shield_Library_2.0	2018/12/10 16:28	文件夹	
WS2812FX	2019/3/12 18:31	文件夹	



名称	修改日期	类型	大小
examples	2018/12/10...	文件夹	
address.h	2107/11/30...	H 文件	11 KB
adk.cpp	2107/11/30...	CPP 文件	13 KB
adk.h	2107/11/30...	H 文件	5 KB
avrpins.h	2107/11/30...	H 文件	38 KB
BTD.cpp	2107/11/30...	CPP 文件	61 KB
BTD.h	2107/11/30...	H 文件	25 KB
BTHID.cpp	2107/11/30...	CPP 文件	23 KB
BTHID.h	2107/11/30...	H 文件	6 KB
cdc_XR21B1411.cpp	2107/11/30...	CPP 文件	6 KB

Download the example usb_mouse.ino

Plug the USB mouse into USB A port.

- Hold down the left button to draw white lines.
- Hold down the right button to draw green line.
- Press the middle wheel button to clear the screen.



Schematic

