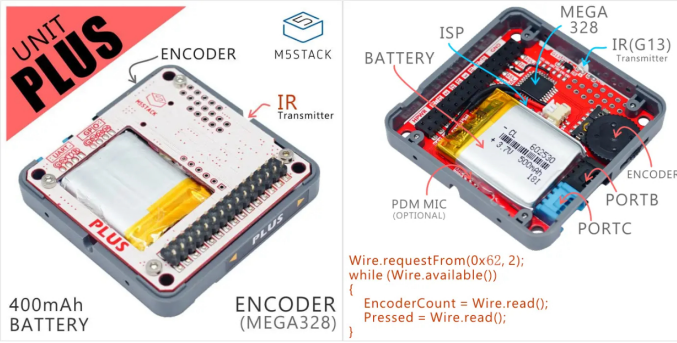


Module PLUS MEGA328



```
Wire.requestFrom(0x62, 2);
while (Wire.available())
{
  EncoderCount = Wire.read();
  Pressed = Wire.read();
}
```

Description

PLUS is an enhanced M5 module comes with Lipo battery(400mAh), gear potentiometer, IR transmitter, extend PORT B(GPIO Port), PORT C(UART Port) from M5 core and a Microphone soldering pad. Powered with MEGA328, it could be a great upgrade of the hardware resources by adding up PLUS to your work.

Product Features

- IIC address (0x62)
- 400mAh Battery
- Programmable gear potentiometer
- IR transmitter
- Including PORT B and PORT C
- Product Size: 54.2mm x 54.2mm x 12.8mm
- Product weight: 20.5g

Include

1x M5Stack PLUS Module

Related Link

[The Firmware of inside MEGA328](#)

EasyLoader

[click to download EasyLoader](#)

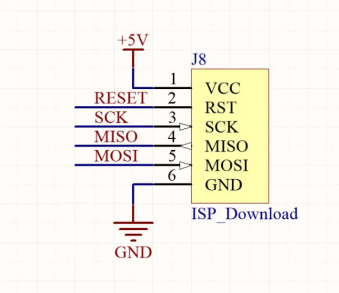
1. EasyLoader is a simple and fast program burner. Every product page in EasyLoader provides a product-related case program. It can be burned to the master through simple steps, and a series of function verification can be performed. (Currently EasyLoader is only available for Windows OS)

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](#)

PinMap

Mega328 ISP/Download interface Pin foot definition



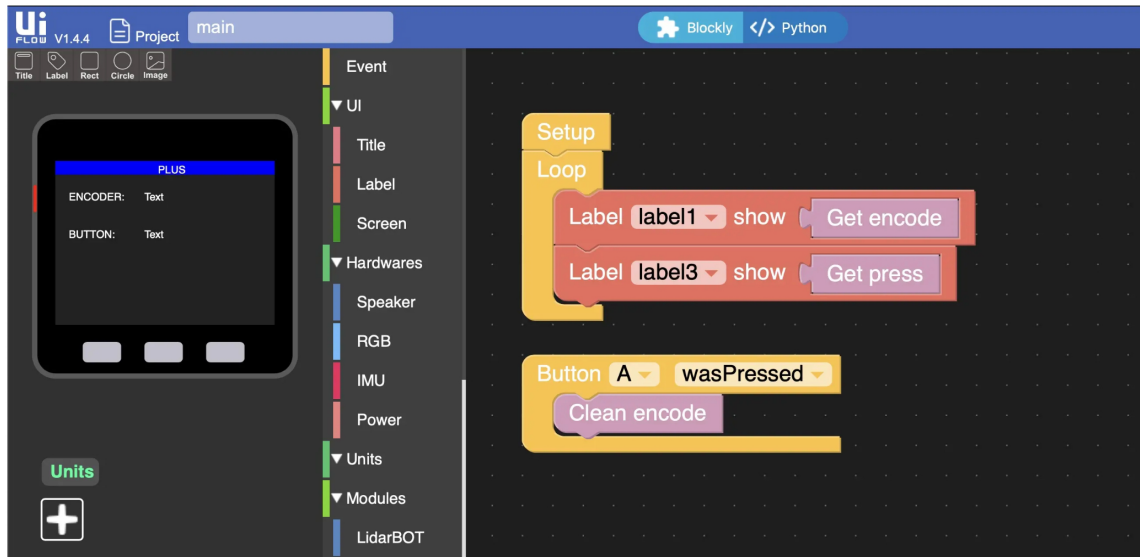
Example

Arduino IDE

The code below `plus_read_encoder.ino` is incomplete. To get the complete code, please click [here](#)

UIFLOW

[click here to get UIFlow](#)



Schematic

