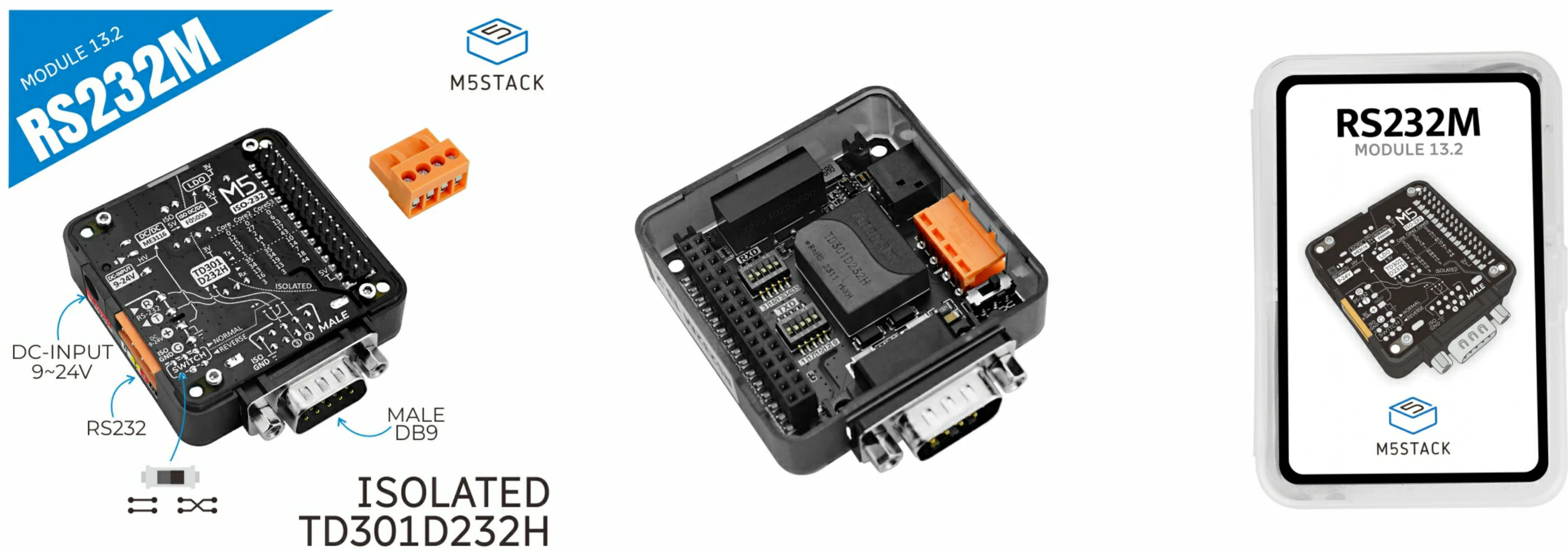


# RS232M Module 13.2

SKU:M131



## Description

**RS232M Module 13.2** is an expansion module of **RS232 serial communication with isolation**, using the scheme of **TD301D232H serial port conversion chip + male DB9 interface** to realize the interface conversion between RS232 and TTL/CMOS logic level signals, and using **F0505S-2WR3 DC-DC power module** to realize electrical and noise isolation functions, **toggle switch** and **coding switch**. It can realize the pass-through or cross-switching of DB9 signal lines and the switching of serial interfaces to meet different connection needs. The module has a built-in **DC power input socket** and a corresponding **DC-DC circuit** to provide power to the entire device. The product is **suitable for industrial automation, instrumentation, medical equipment and communication equipment**.

## Features

- TD301D232H serial port chip, support full duplex, fast and reliable
- F0505S-2WR3 Electrical and noise isolation
- Toggle switches and coded switches switch line sequence and GPIO
- Programming platform: Arduino, UIFlow(updating)

## Includes

- 1 × RS232M Module 13.2
- 1 × VH3.96-4.0P

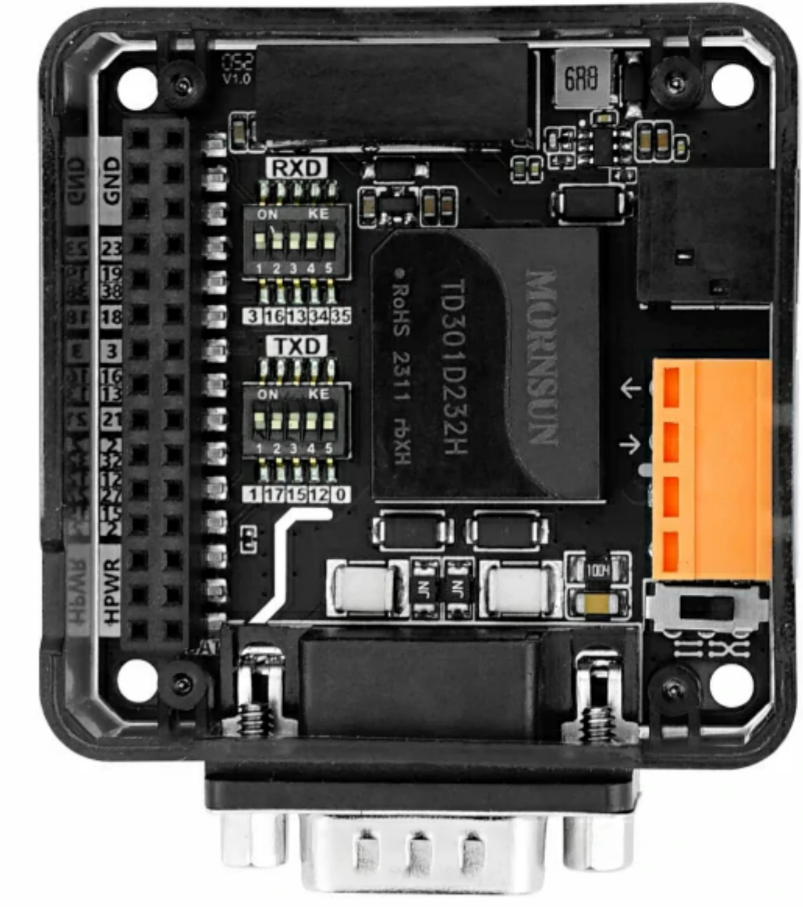
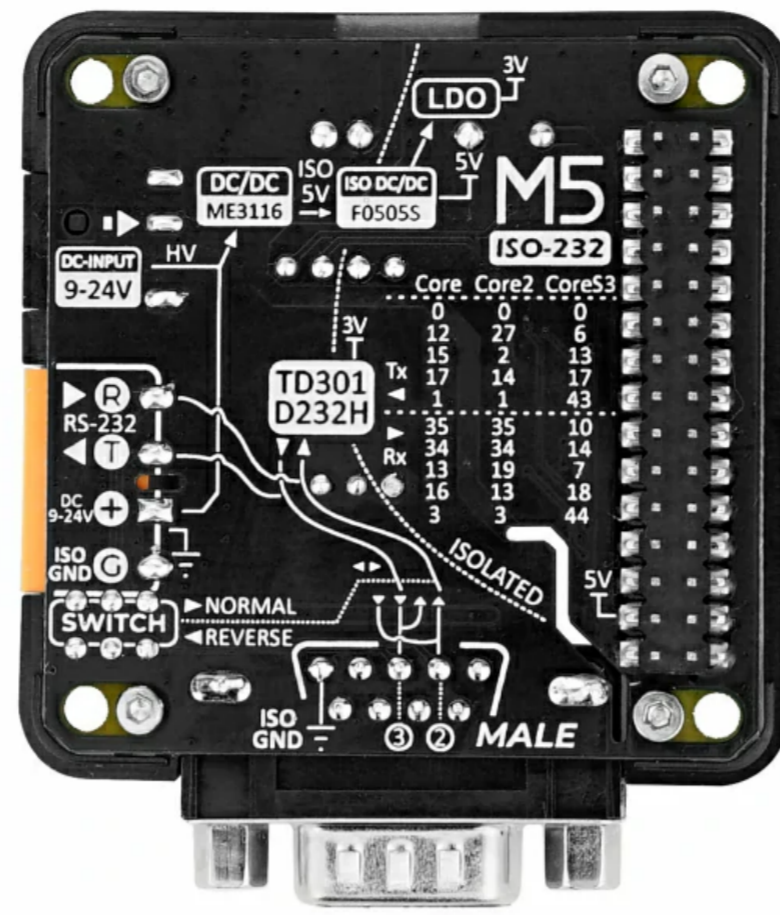
# Applications

- Industrial automation
- Instrumentation
- Medical equipment
- Communication equipment

# Specification

Resources	Parameters
RS232	TD301D232H
DC-DC isolation	F0505S-2WR3
Communication rate	up to 115200bps
Communication method	DB9 male interface with full-duplex communication and interface conversion between RS232 and TTL/CMOS logic level signals
Operating temperature	0-40°
DC power interface input voltage	0-24V
Product Size	54*54*13.2mm
Package Size	88*61*21mm
Product Weight	28g
Package Weight	60g

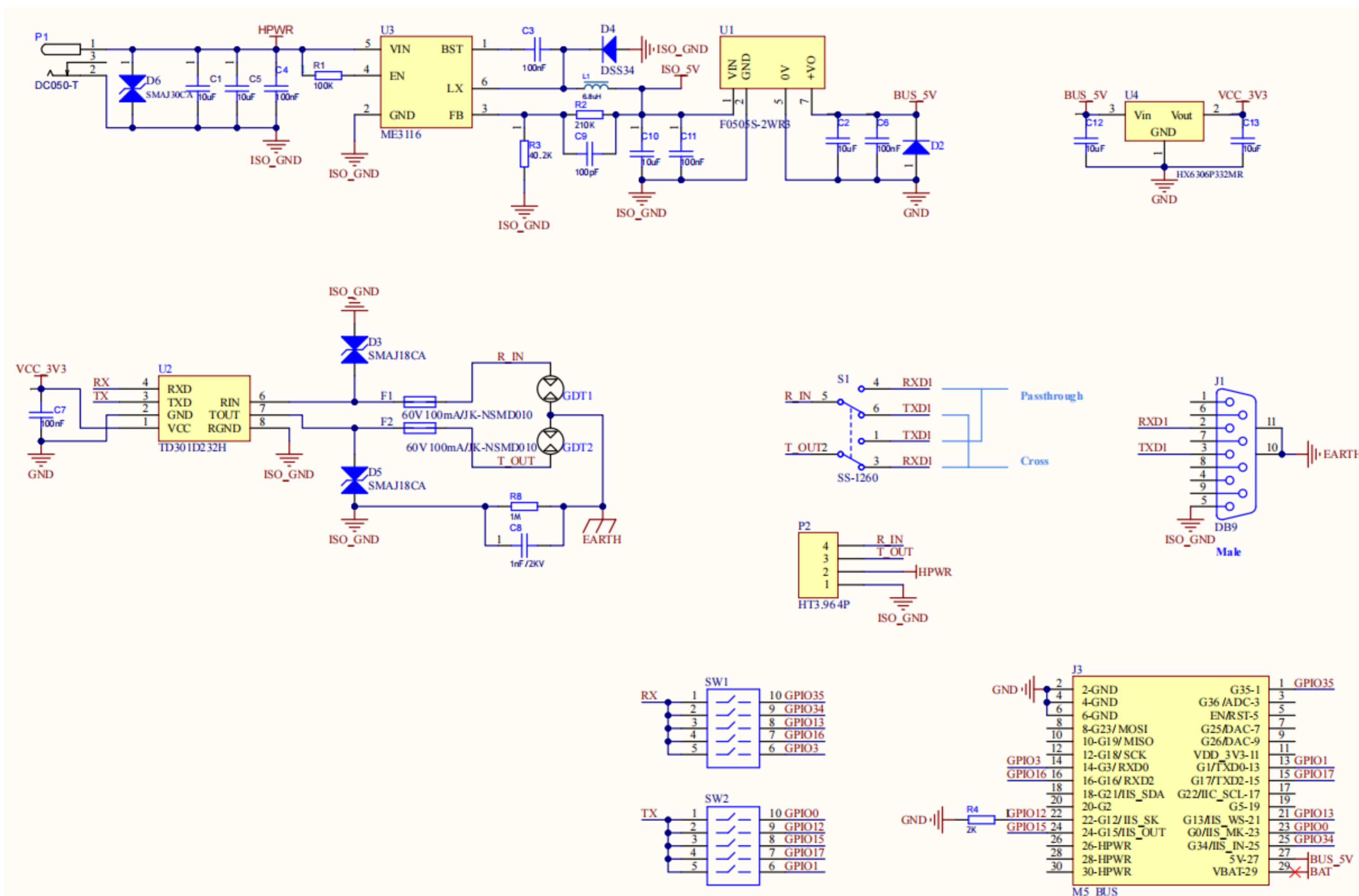




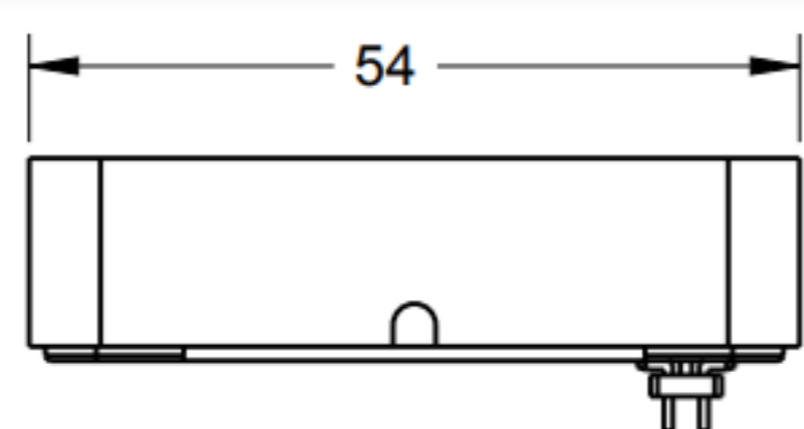
## Related Link

- [F0505S-2WR3](#)
- [TD301D232H](#)

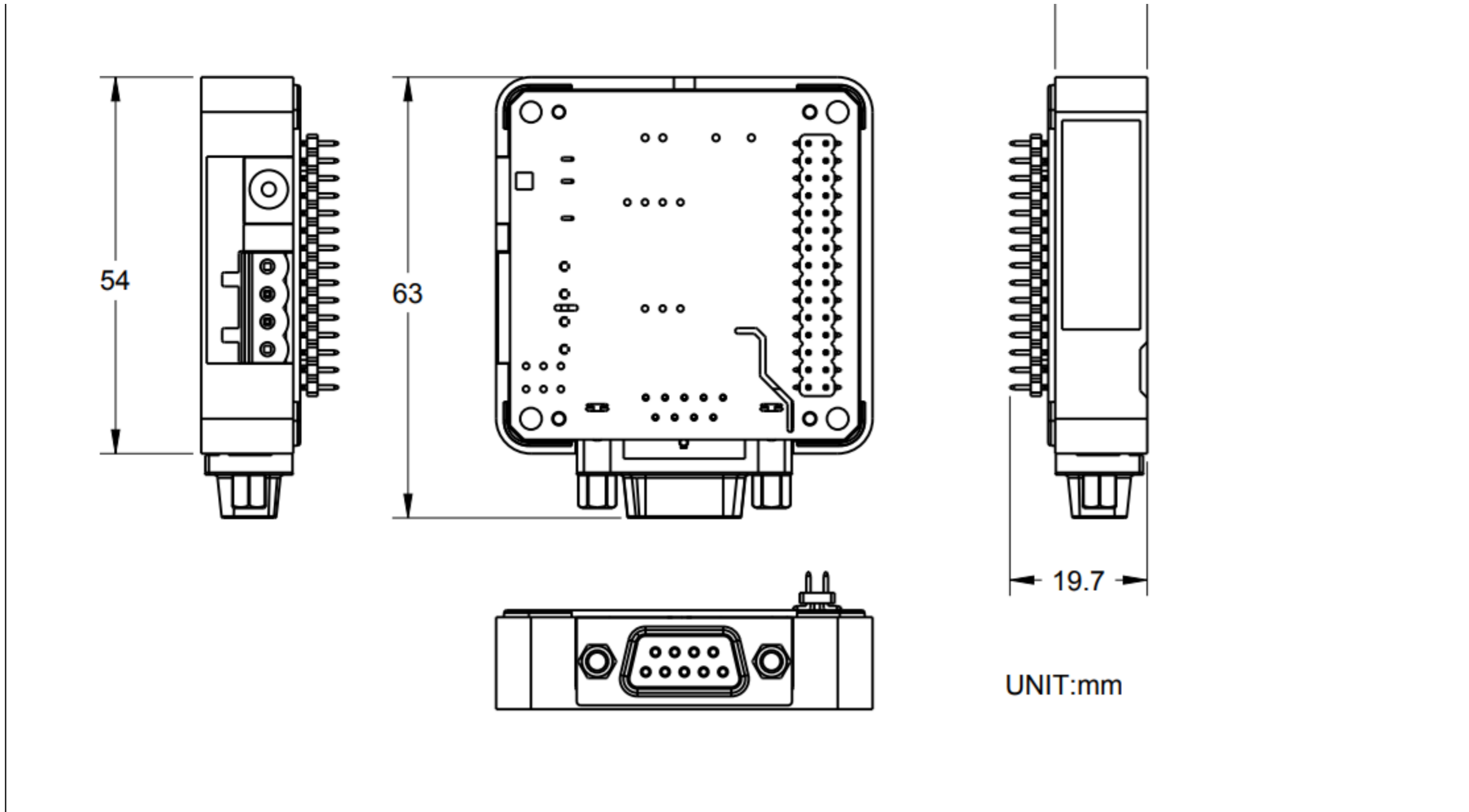
## Schematic



## Module Size



13.2



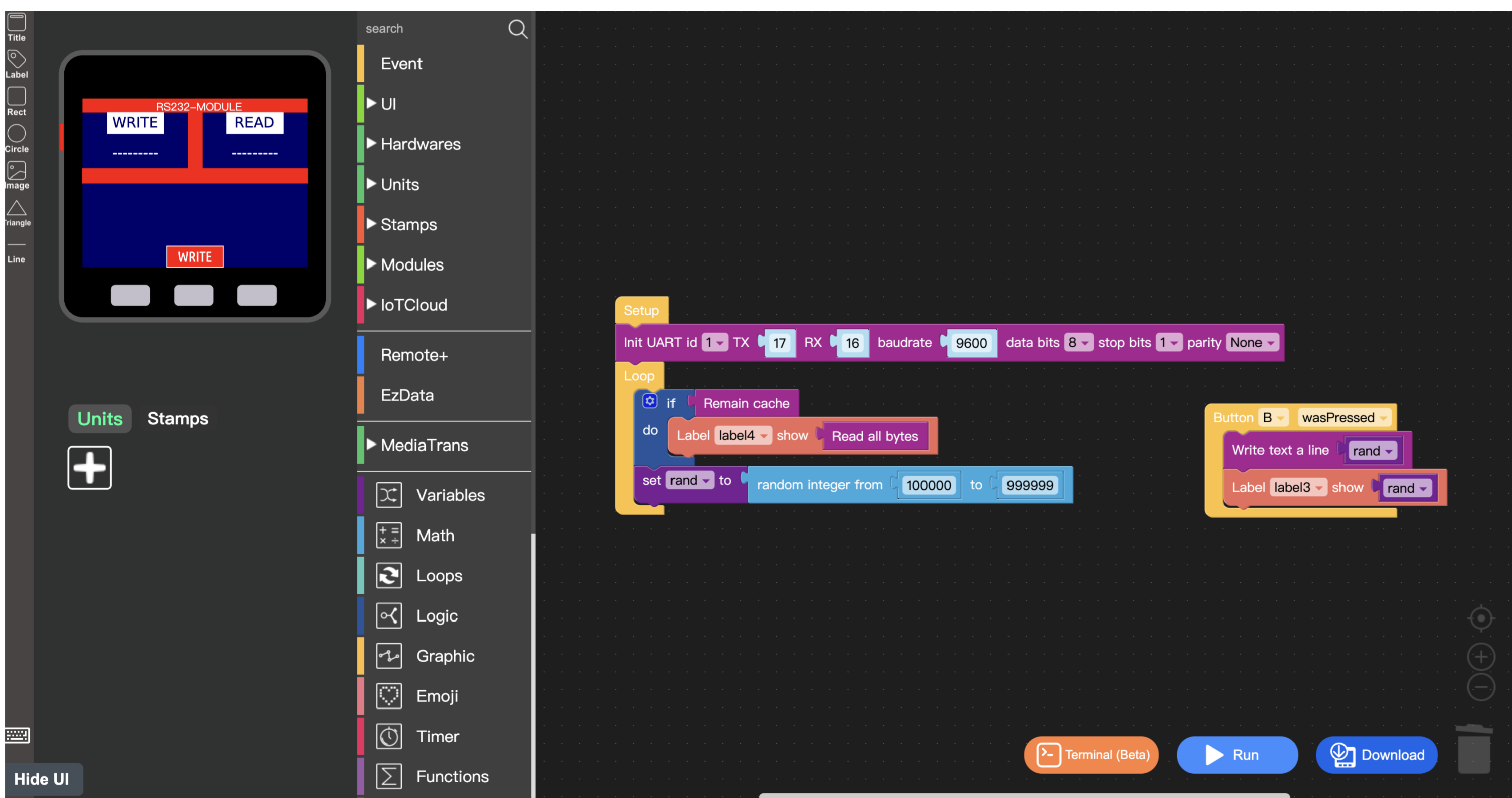
## Examples

### Arduino

- [Arduino Example](#)

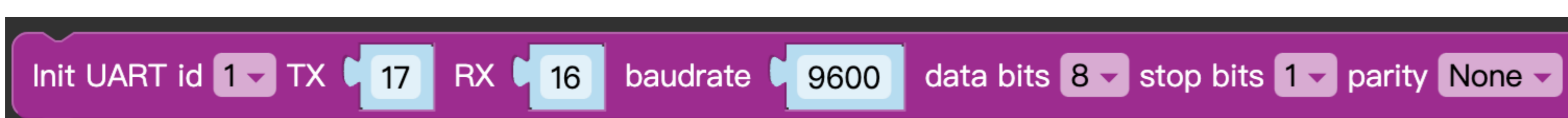
### UIFlow

- [UIFlow Example](#)



## UIFlow Blocks

- Init



- Write text a line

Write text a line

“ ”

- Write text

Write text

“ ”

- Write raw data list

Write raw data list

⚙ create list with

0

0

0

- Read all bytes

Read all bytes

- Read characters

Read

10

characters

- Read bytes a line

Read bytes a line

- Remain cache



Remain cache