RS232F Module 13.2

SKU:M130

Description

`RS232F Module 13.2` is an expansion module of `RS232 serial communication with isolation`, using the scheme of `TD301D232H serial port conversion chip + Female 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

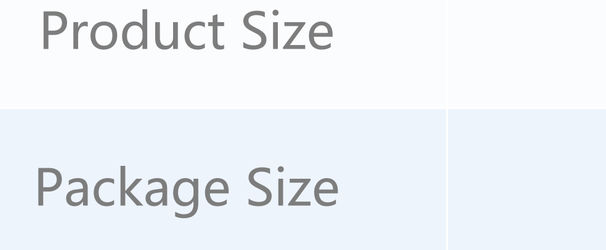
- 1 × RS232F Module 13.2
- 1 × VH3.96-4.0P

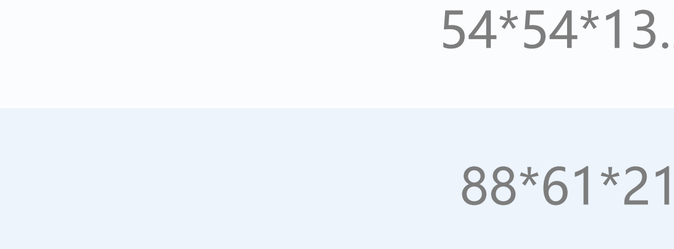
Applications

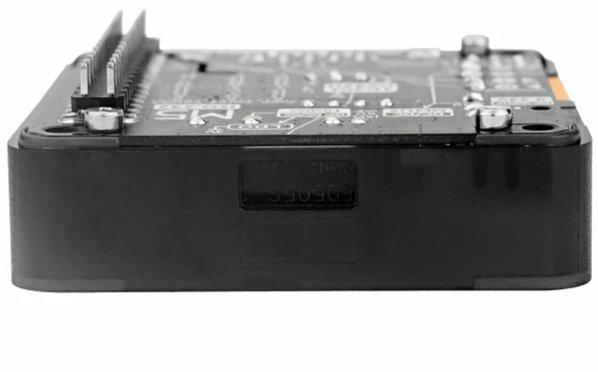
- Industrial automation
- Instrumentation
- Medical equipment
- Communication equipment

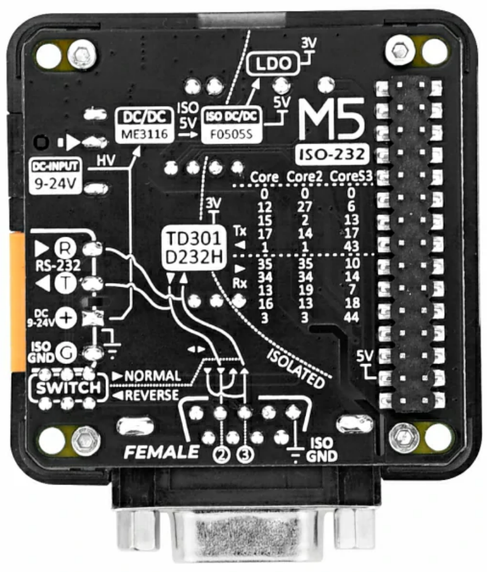
Specification

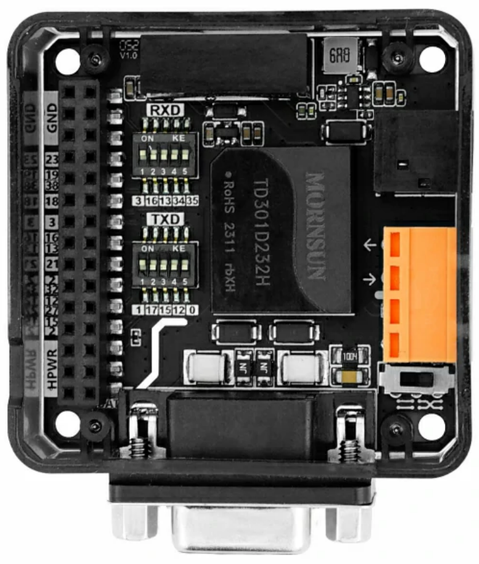
Resources	Parameters
RS232	TD301D232H
DC-DC isolation	F0505S-2WR3
Communication rate	Up to 115200bps
Communication method	DB9 female interface with full-duplex communication and interface translation between RS232 and TTL/CMOS logic level signals
Operating temperature	0-40°
DC power interface input voltage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

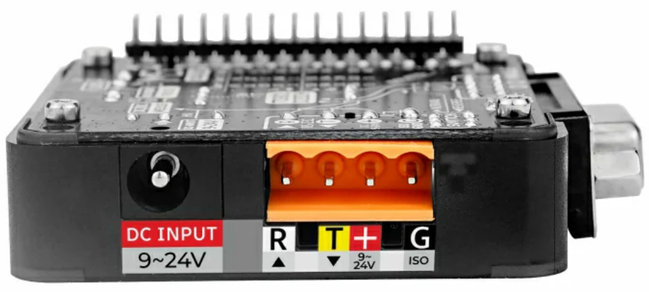


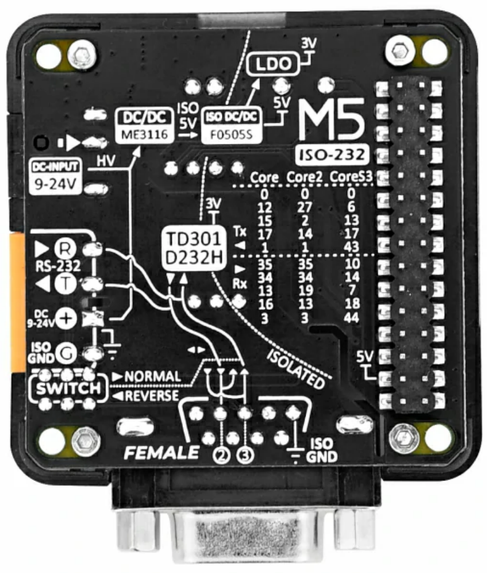


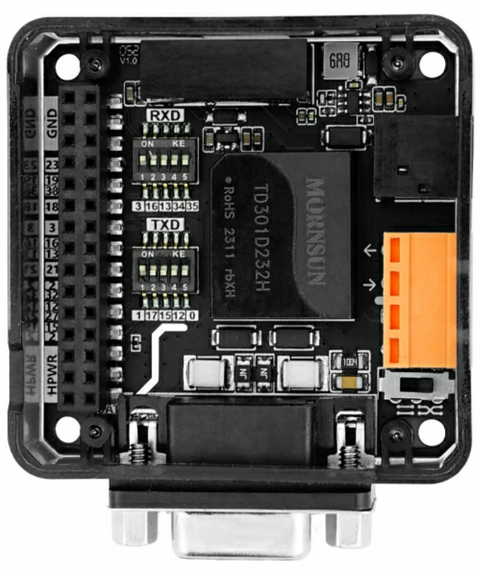








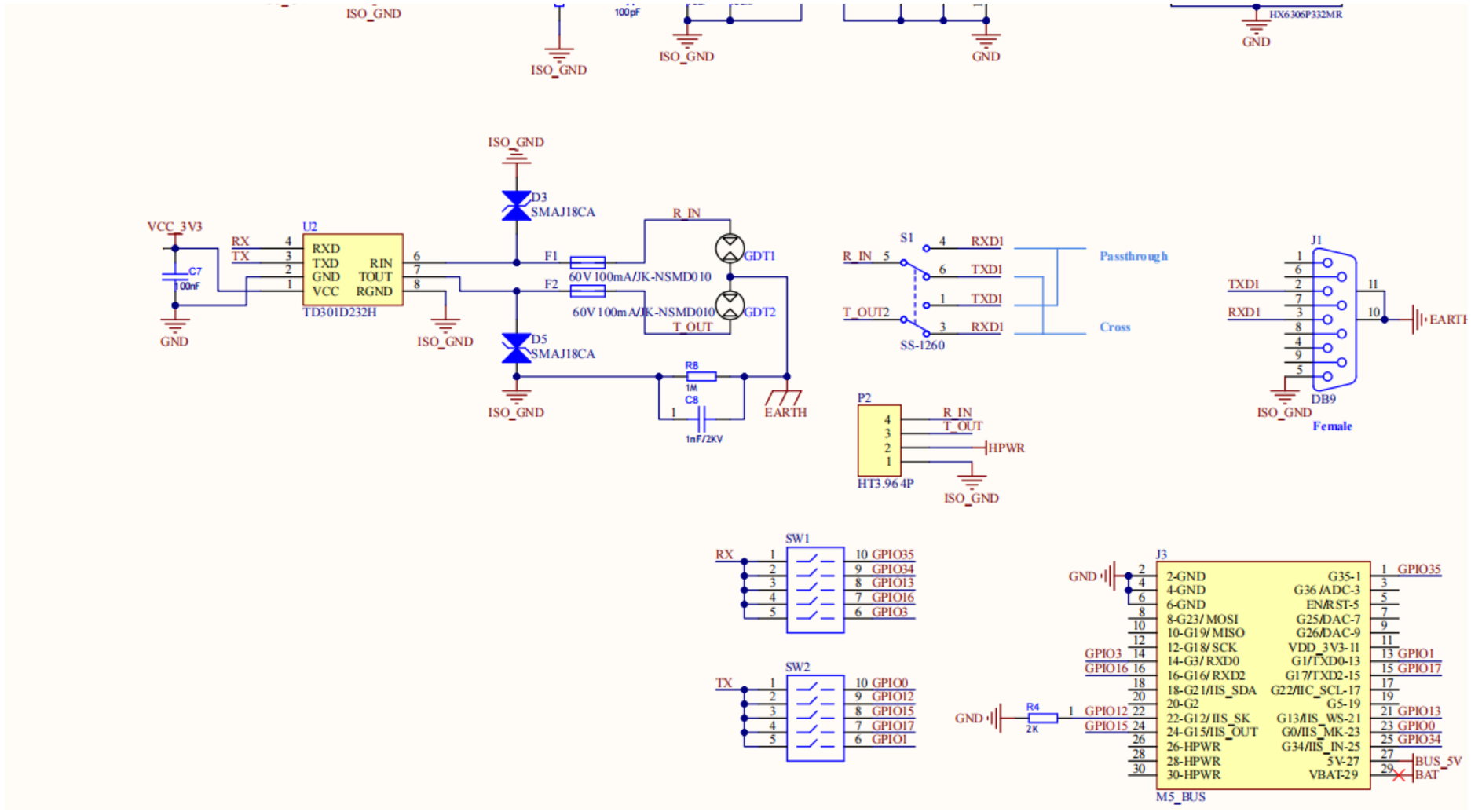




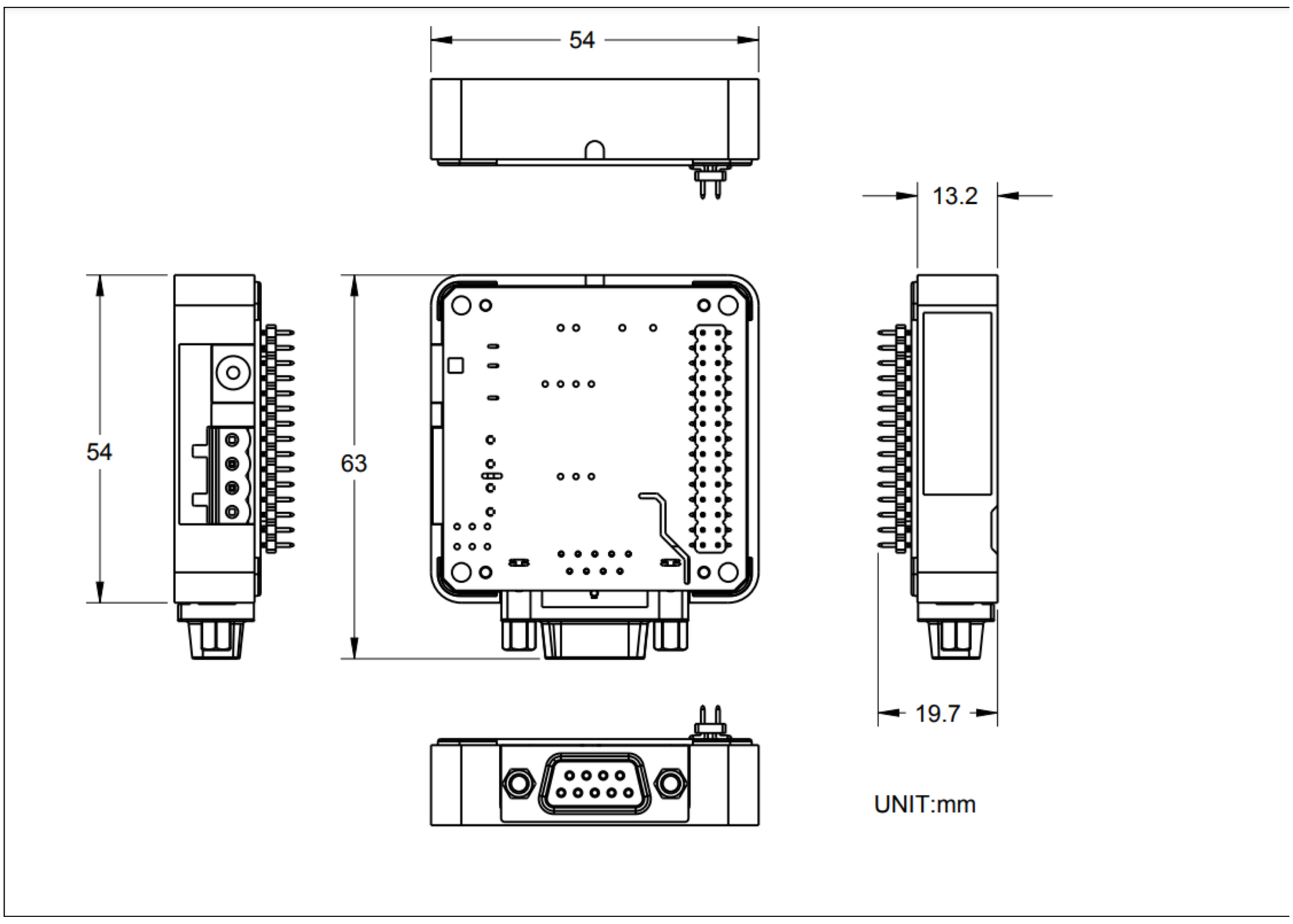
Related Link

- F0505S-2WR3
- TD301D232H

Schematic



Module Size



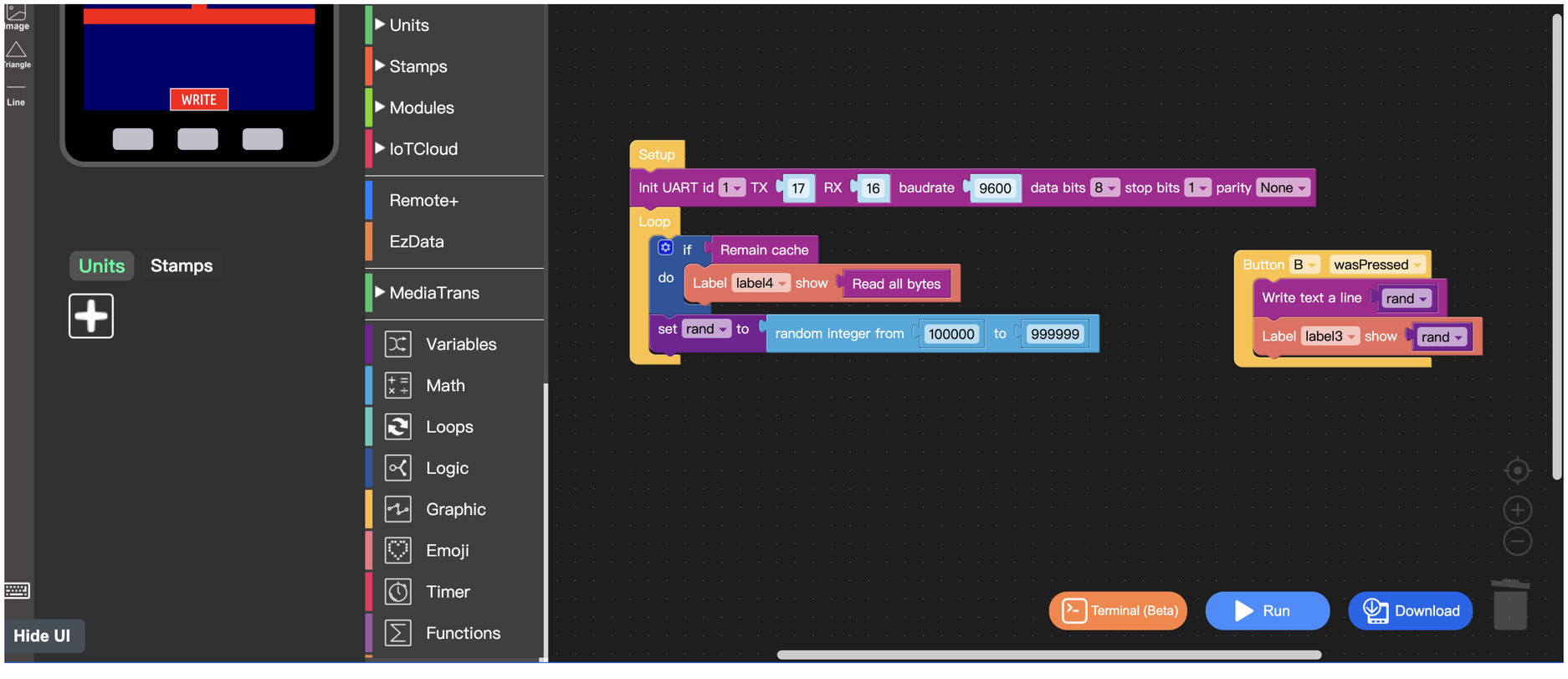
Examples

Arduino

- Arduino Example

UIFlow

- UIFlow Example



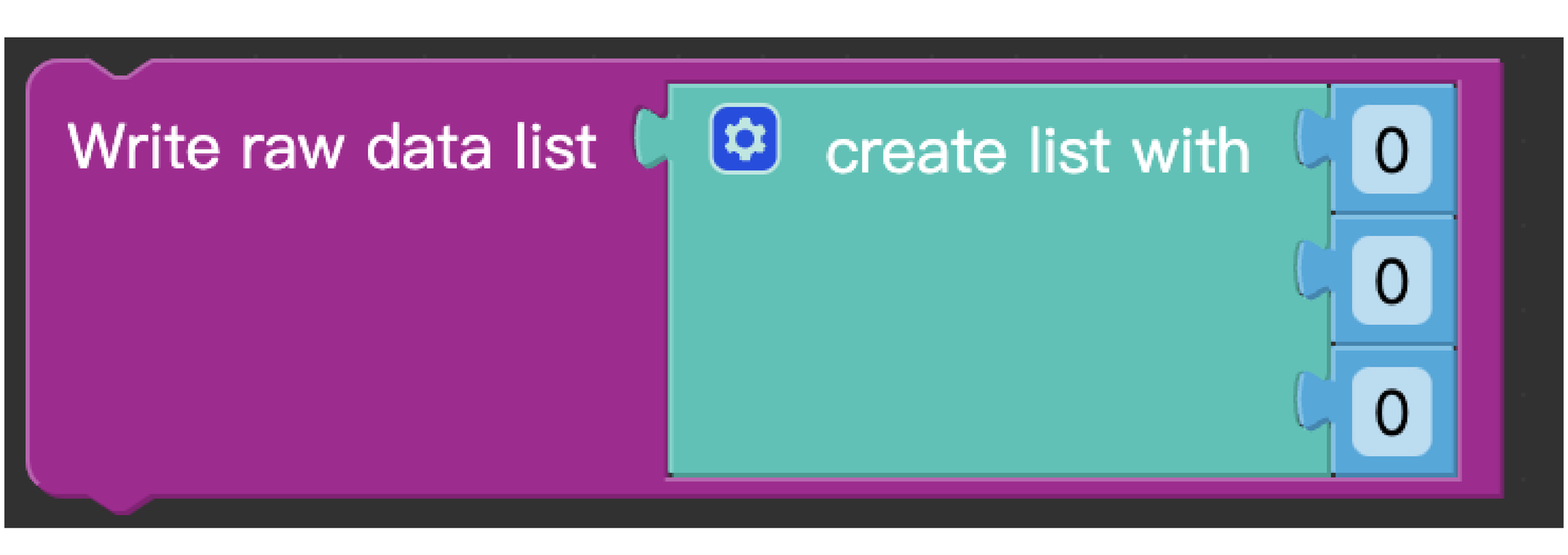
UIFlow Blocks

- Init

- Write text a line

- Write text

- Write raw data list



- Read all bytes

- Read characters

- Read bytes a line

- Remain cache