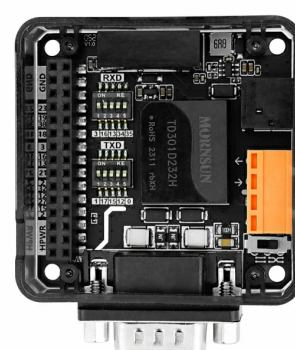
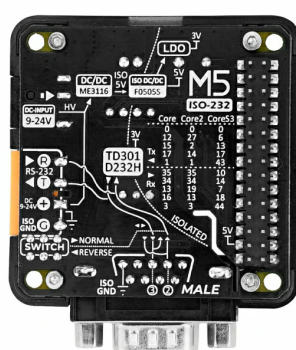
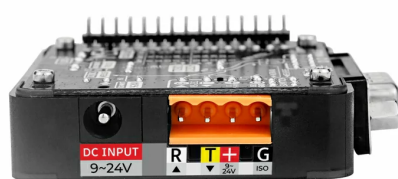


Module13.2 RS232M

SKU:M131



Description

Module13.2 RS232M is an isolated RS232 serial communication expansion module. It uses the TD301D232H serial port conversion chip + male DB9 interface to achieve interface conversion between RS232 and TTL/CMOS logic level signals. The F0505S - 2WR3 DC/DC power module is used to provide electrical and noise isolation. The toggle switch and encoder switch allow for switching between straight-

through or crossover DB9 signal lines and serial interface switching, meeting different connection requirements. The module has a built-in **DC power input socket** and corresponding **DC-DC circuit**, which can provide power to the entire device. This product is **suitable for industrial automation, instrumentation, medical equipment, and communication equipment** fields.

Features

- TD301D232H serial port chip, supports full-duplex, fast and reliable
- F0505S-2WR3 electrical and noise isolation
- Toggle switch and encoder switch for line sequence and GPIO switching
- Programming platforms: Arduino, UIFlow (updating)

Includes

- 1 × Module13.2 RS232M
- 1 x HT3.96-4P terminal

Applications

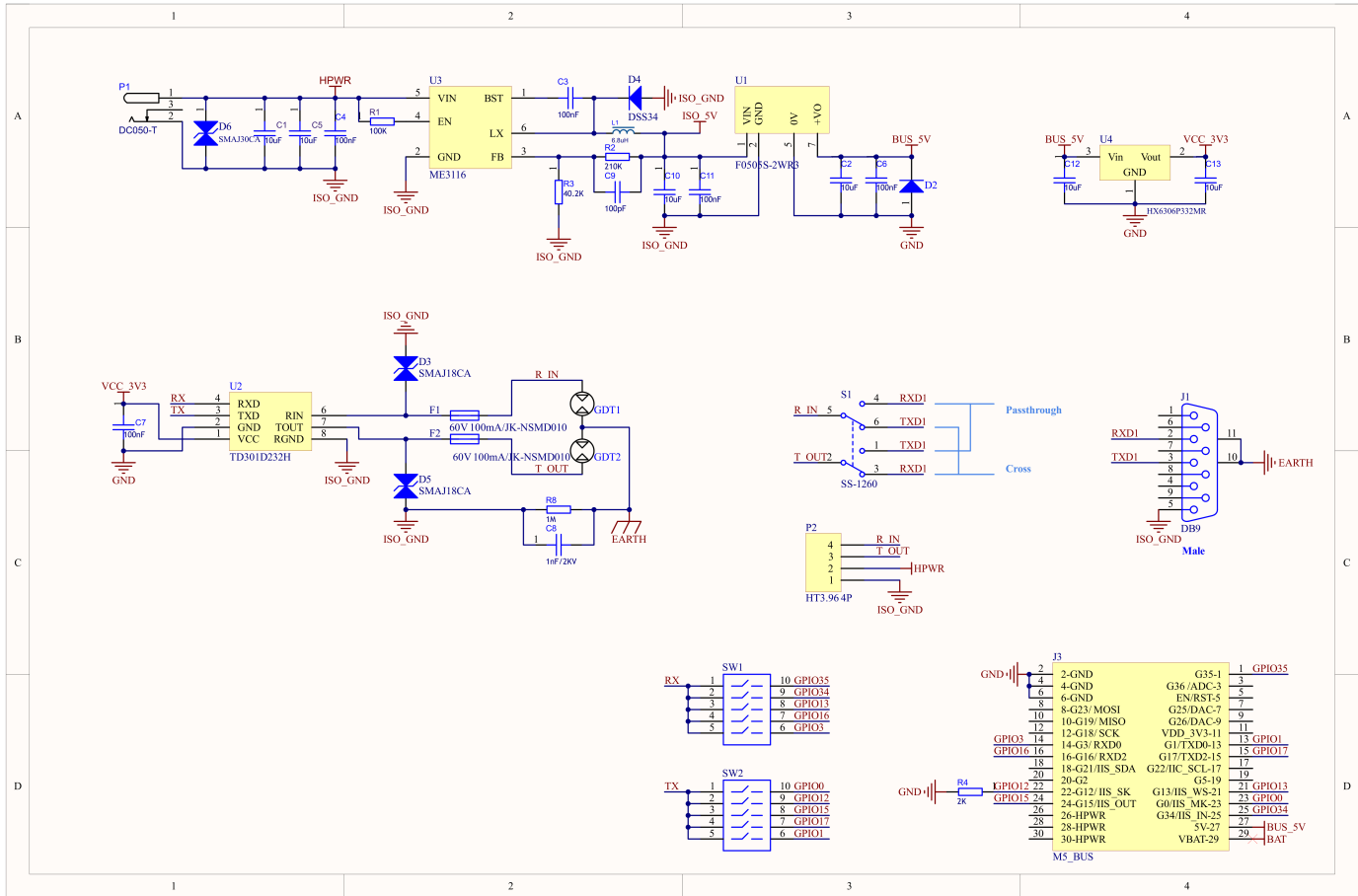
- Industrial automation
- Instrumentation
- Medical equipment
- Communication equipment

Specifications

Specification	Parameter
RS232	TD301D232H
DC-DC Isolation	F0505S-2WR3
Communication Speed	Up to 115200bps
Communication Method	DB9 male interface, supports full-duplex communication, interface conversion between RS232 and TTL/CMOS logic level signals
Operating Temperature	0-40°
DC Power Input Voltage	9-24V
Product Size	63.0 x 54.0 x 19.7mm
Product Weight	31.4g
Package Size	95.0 x 66.0 x 26.0mm
Gross Weight	54.2g

Schematics

- [Module13.2 RS232M Schematics PDF](#)



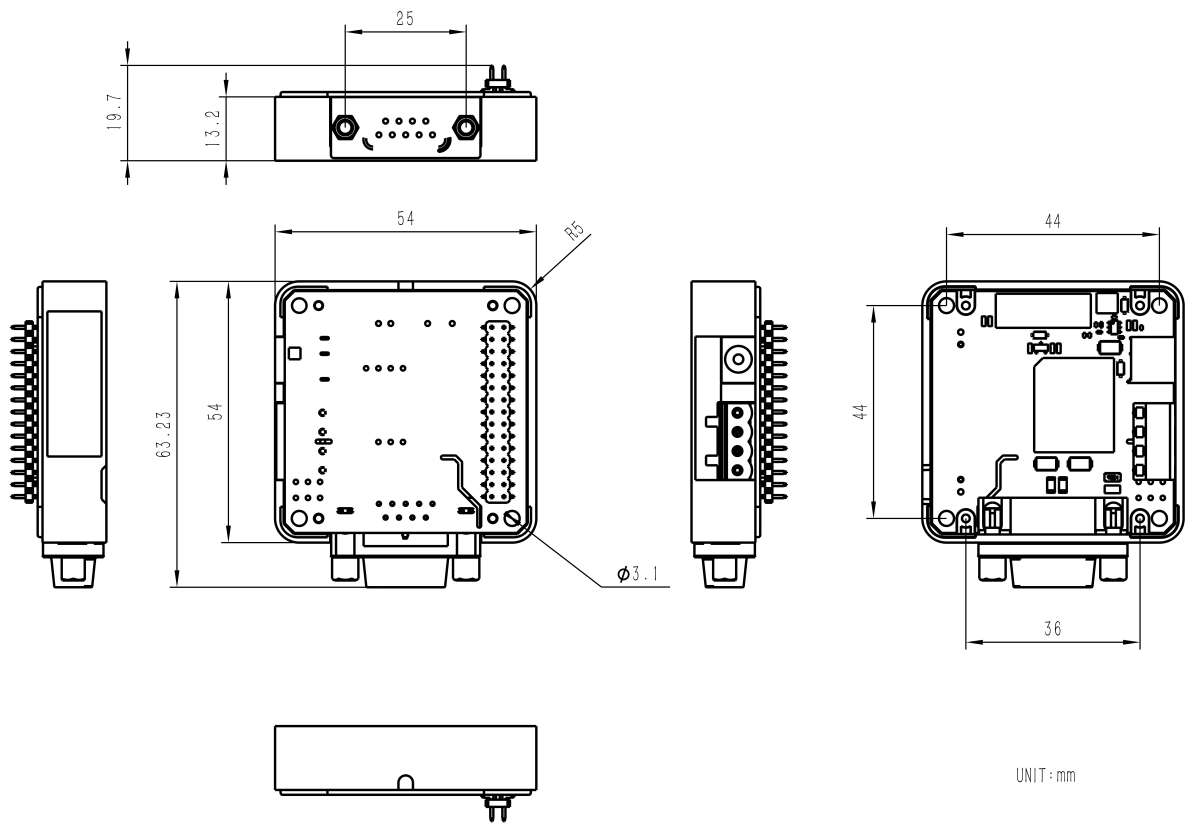
PinMap

M5-Bus

PIN	LEFT	RIGHT	PIN
GND	1	2	RS232_TX
GND	3	4	
GND	5	6	
	7	8	
	9	10	
	11	12	
RS232_TX	13	14	RS232_RX
RS232_TX	15	16	RS232_RX
	17	18	
	19	20	
RS232_RX	21	22	RS232_TX
RS232_RX	23	24	RS232_RX
HPWR	25	26	RS232_TX
HPWR	27	28	5V
HPWR	29	30	

| Model Size

- [Module13.2 RS232M Model Size PDF](#)



Datasheets

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

Softwares

Arduino

- [Module13.2 RS232M Example with M5Core](#)

UiFlow1

- [Module13.2 RS232M UiFlow1 Documentation](#)

UiFlow2

- [Module13.2 RS232M UiFlow2 Documentation](#)

Video