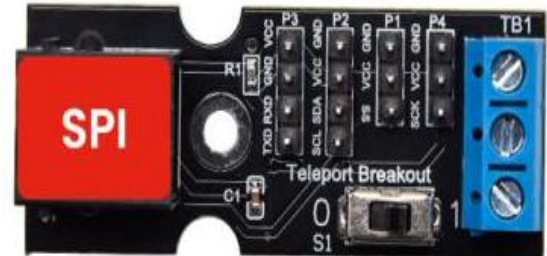


Breakout Board (000x0000 Article Number) (TS2128)

Product Details

This is the TelePort expansion board with a SPI communication port compatible with control boards of OKDO series. The power port and digital interface are extended as the 2.54mm pitch pin headers and wiring terminals, which can achieve the serial communication, I2C communication and IO ports signals control.

It has a DIP switch. When the DIP switch is turned to 0, SS pin is grounded and this board can't control serial communication and I2C communication; when the DIP switch is turned to 1, SS pin suspends and the control board can control levels of SS pin.



Features and Benefits

- Compatible with RJ11 6P6C OKdo TelePort Control boards and expansion shields.
- Break out serial port, IIC and single IO pin signal control.
- Slide switch to enable or disable serial ports.

Technical Specifications

Sensor type	Adapter
Working voltage	5V
Interface	2.54mm pin headers
Fixing hole diameter	3.2mm
Dimensions	49mm*18mm*16mm
Weight	8.9g

Pinout Description

P3	VCC	5V	P2	GND	GND	TB	GND
	GND	GND		VCC	5V		
	RXD	SS (D10)		SDA	SS (D10)		VCC
	TXD	MOSI (D11)		SCL	MISO (D12)		
P1	GND	GND	P4	GND	GND	SS	
	VCC	5V		VCC	5V		
	SS	SS (D10)		SCK	SCK (D13)		

turn the DIP switch to 0, SS port is connected to GND; turn the DIP switch to 1, SS is connected to D10.

This module is compatible with the TS2180-Raspberry Pi shield, the TS2179-Micro:bit shield and the TS2178-TelePort main board.