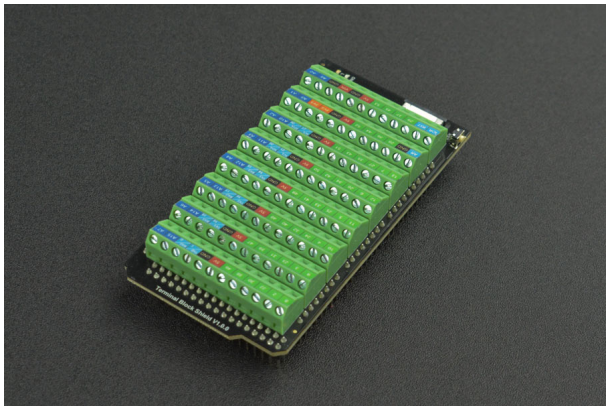
SKU:DFR0921 (https://www.dfrobot.com/product-2574.html)



(https://www.dfrobot.com/product-2574.html)

Introduction

Has it ever happened to you that you spent a lot of time ascertaining a problem when making projects and finally found out it was just caused by loose wiring? Then, what you may need is a terminal block shield like this!

The shield adopts terminal blocks to secure wires so as to make connections stable and reliable. And multiple 3.3V, 5V, and GND ports are provided for easy wiring. It can be powered by 7~24V voltage without an additional buck-down circuit. The onboard 18pin-FPC socket makes it convenient for connecting a screen.

Features

- Stable and reliable connection
- Easy wiring

- Easy wiring

Application

- Commercial Project
- Art Show

Specification

- VIN Input Voltage: 7-24V DC
- Max Load Power: 10W
- Terminal Block Pitch: 3.5mm
- Wire Size Range: 26AWG-16AWG
- Wire Strip Length: 5mm
- Screw: M2
- Dimension: 101.5 *53.3 mm/4.00*2.10″

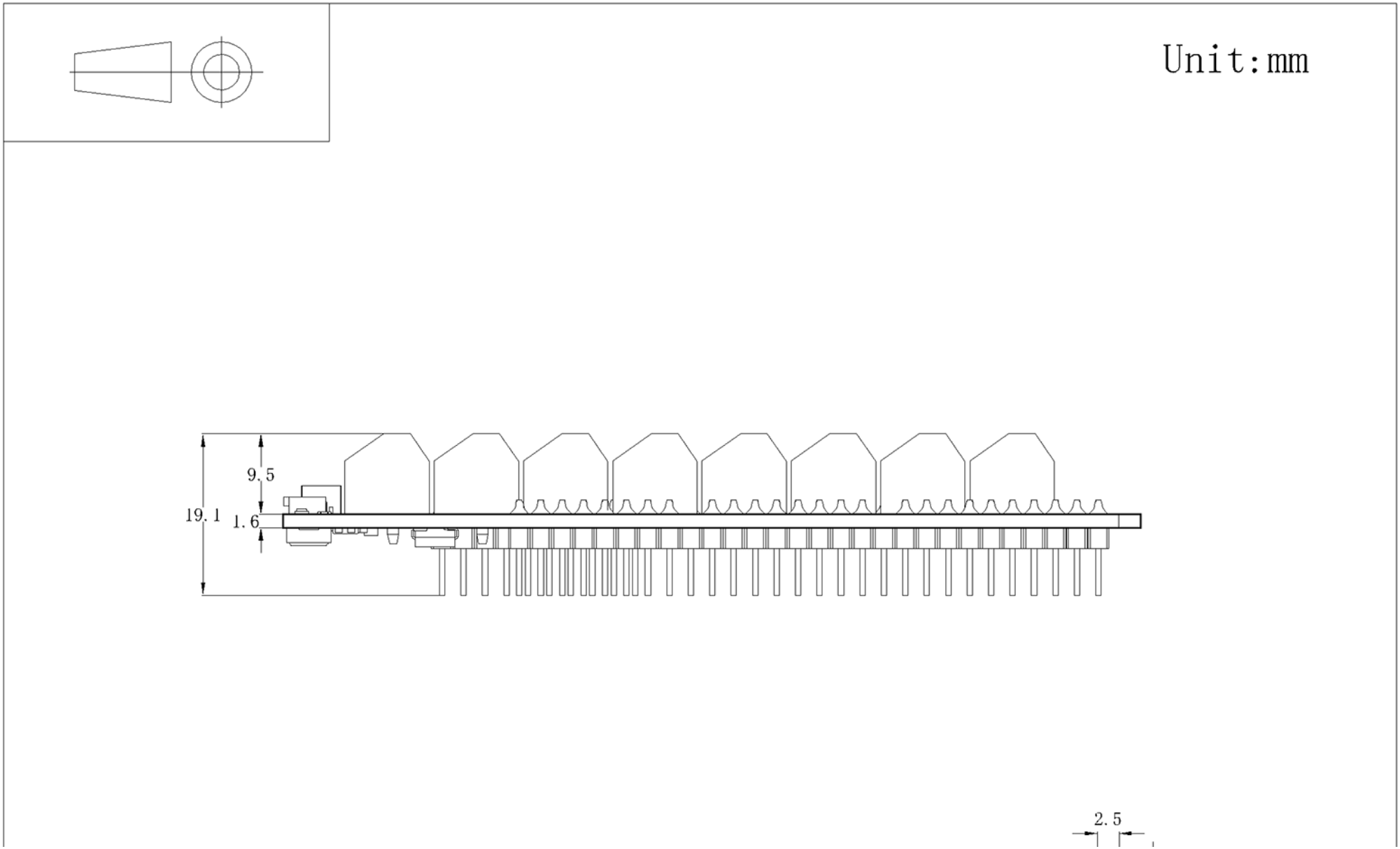
GDI 18pin-FPC

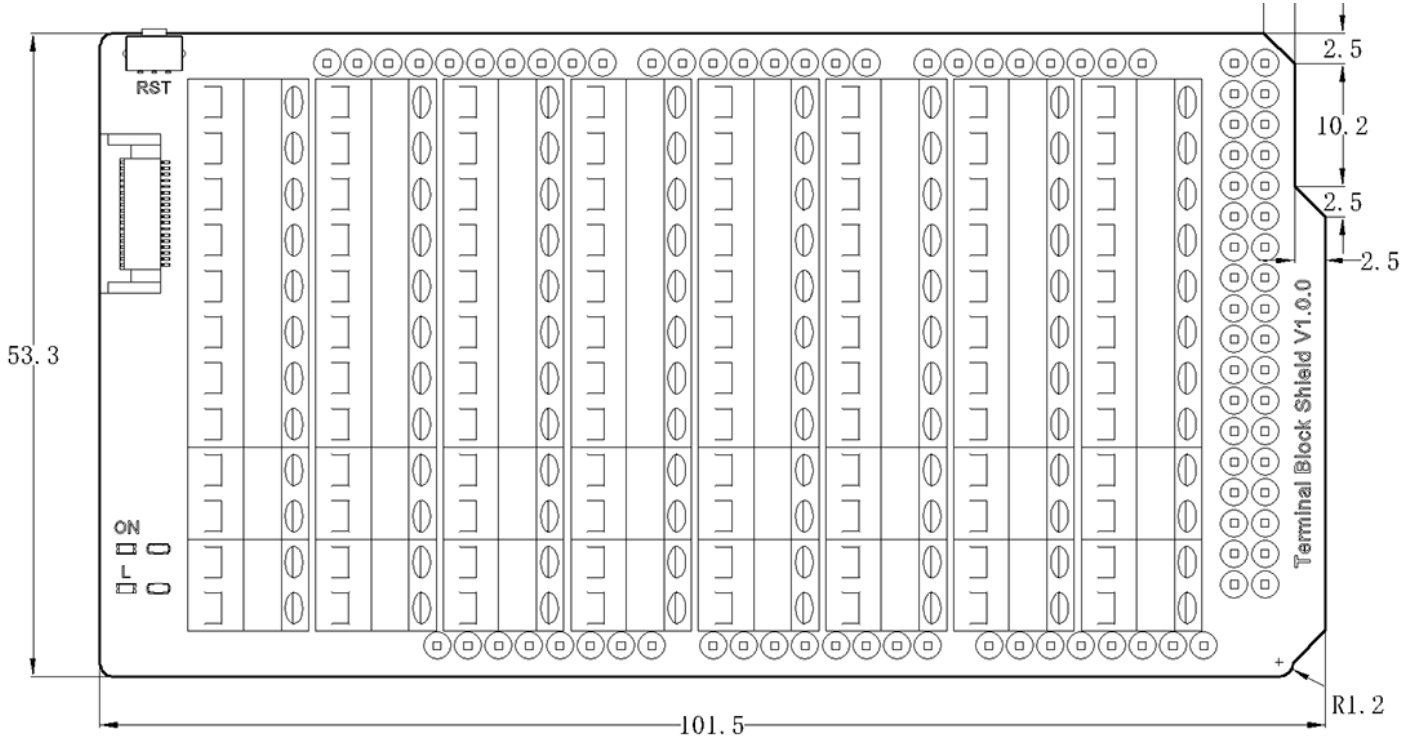
FPC PINS	Beetle ESP32 C3 Pins	Description
VCC	5V	5V
BLK (PWM dimming)	D7	Backlight
GND	GND	GND
SCLK	D52	SPI clock

MOSI	D51	Host output, slave input
MISO	D50	Host input, slave output

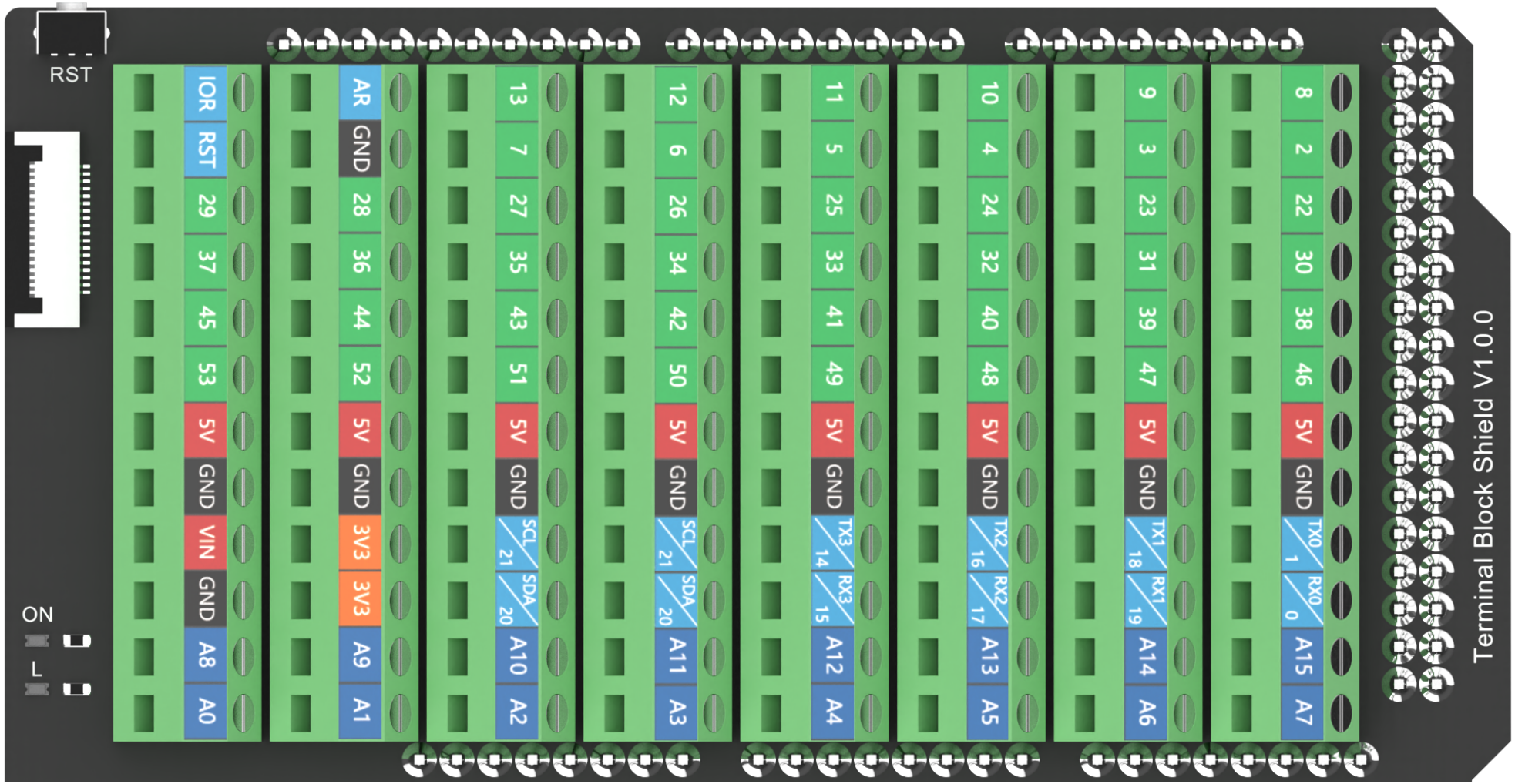
FPC PINS	Beetle ESP32 C3 Pins	Description
DC	D2	Data/command
RES	D4	Reset
CS	D3	TFT Chip Select
SDCS	D6	SD card chip select
FCS	D25	Font library
TCS	D5	Touch
SCL	SCL	I2C clock
SDA	SDA	I2C data
INT	D19	INT
BUSY-TE	D24	ripstop pins
X1	D23	custom pin 1
X2	D22	custom pin 2

Dimension Diagram


Unit:mm
9.5
19.1
1.6
2.5


RST
ON
Terminal Block Shield V1.0.0
53.3
101.5
2.5
10.2
2.5
2.5
R1.2

Board Overview



FAQ

Q&A	Some general Arduino Problems/FAQ/Tips
A	For any questions, advice or cool ideas to share, please visit the **DFRobot Forum** (https://www.dfrobot.com/forum/).

More Documents

- Schematics Diagram (https://dfimg.dfrobot.com/nobody/wiki/f056455ab8741f9f9c6a6dbf4ea019f3.pdf)
- Dimension Diagram (https://dfimg.dfrobot.com/nobody/wiki/6b3d23d1a4b52a1a5f801e3c0eb015b9.7z)
- DFR0920 3D (https://dfimg.dfrobot.com/nobody/wiki/4a77b4c1e39d8217993418eea287efc8.7z)

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