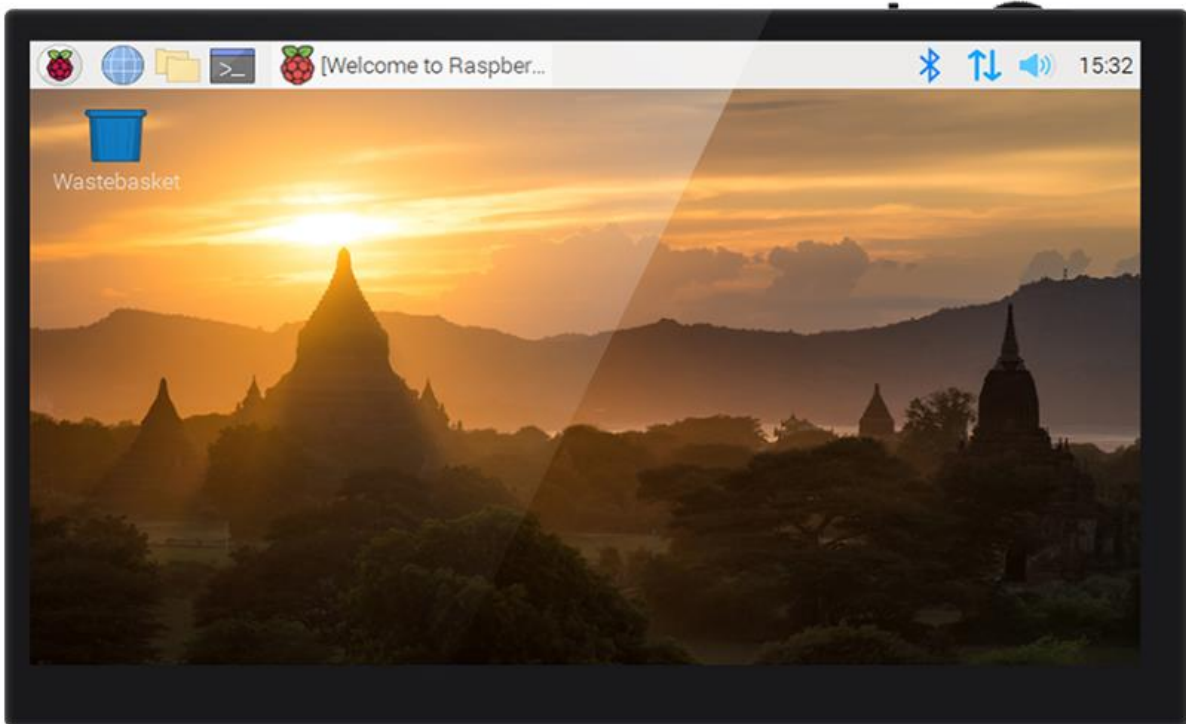# BIGTREETECH
Pi TFT70 V2.0

User Guide

I. Screen introduction

   BIGTREETECH PI TFT70 V2.0 screen board is a DSI interface capacitive touch screen launched by the 3D printing team of Shenzhen Bigtree Technology Co., Ltd., which can be directly connected to the DSI interface of the Raspberry Pi.

1. Screen features:

1) The backlight can be adjusted by a rotary encoder, which is convenient and quick;
2) One-click rotation display direction function. With a light touch, you can rotate the display direction 180 degrees;
3) On-board studs and positioning posts can fix the Raspberry Pi, which is more integrated;
4) Use a FPC cable to connect the screen to the Pi's DSI interface, and the display can be touched, which is simple and convenient.

2. Screen parameters:

Screen size: 165mm*100mm For details, see BTT Pi TFT70 V2.0 -SIZE.pdf
MCU: HK32F030K6T6
Screen display area: 154*86mm
Screen resolution: 800*480
Number of screen backlights: 27-LED
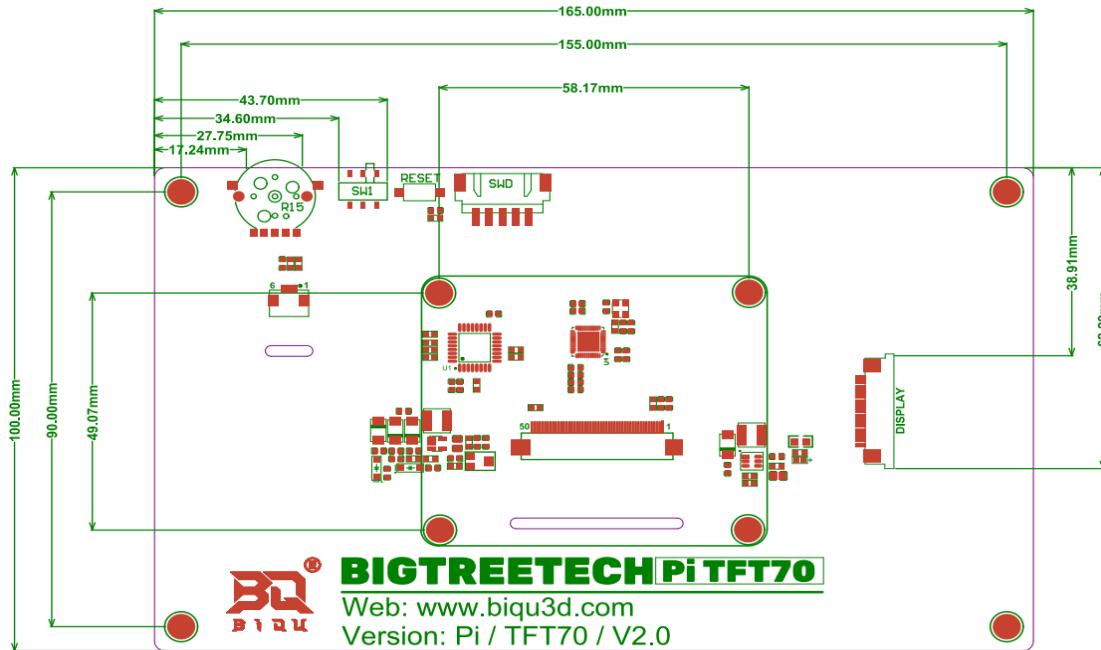Power input: DC 3.3V
Working method: DSI
Capacitive touch screen parameters: IC-GT911 structure: G+G
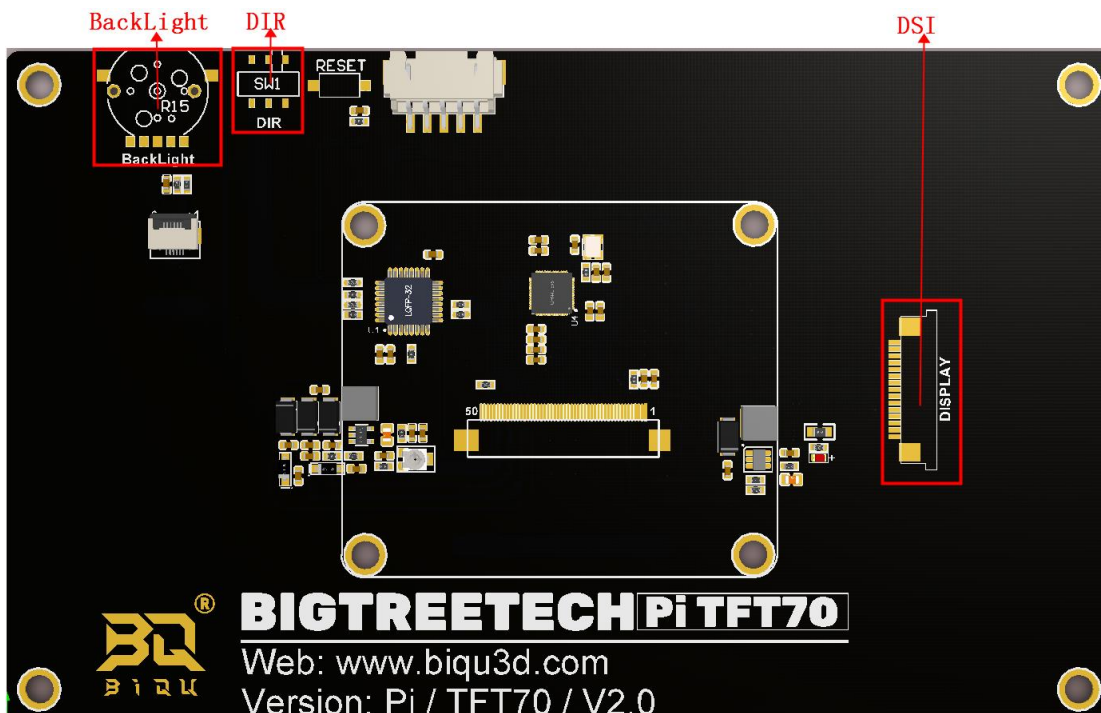
II. Description of screen indicator

After the screen is powered on, if the power indicator lights up, it indicates that the power supply is normal.

III. Screen interface description

1. Dimensions

2. Introduction to screen interface

IV. Attention

1. Note that the DSI interface line sequence should not be reversed;
2. Be careful to handle the screen gently to prevent it from being broken;
3. When adjusting the backlight, pay attention to the strength of the rotary encoder to prevent the encoder from turning bad. Do not continue to turn when the encoder is turned to the end, otherwise the encoder will be damaged, and our company does not assume after-sales responsibilities in this case.

If you encounter other problems during use, you are welcome to contact us, and we will surely answer it for you. if you have any good comments or suggestions on our products, you are also welcome to give us back, and we will also consider it carefully. Your comments or suggestions. Thank you for choosing BIGTREETECH products!