3.5inch RPi Display

User Manual

【Product Description】
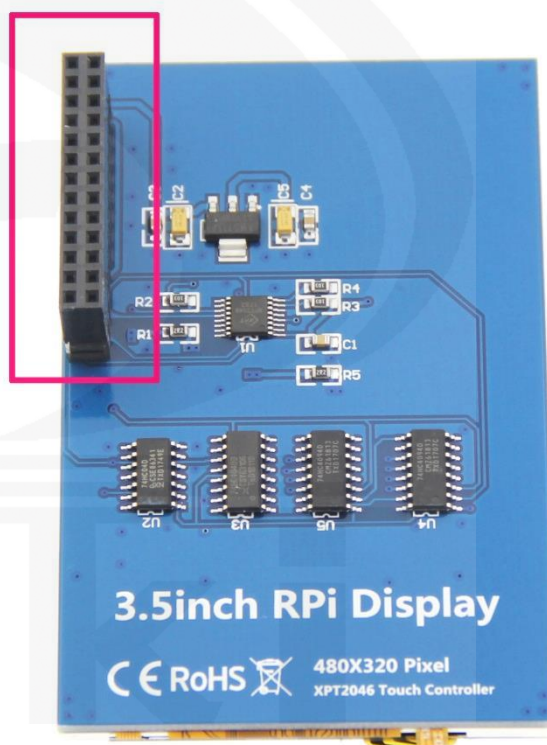
◆ 3.5" standard display, 480X320 resolution
◆ With resistive touch screen, support touch control
◆ Compatible with and can be directly inserted with Raspberry Pi (3rd, 2nd, and 1st generation)
◆ It's the same size as a Raspberry Pi
◆ CE, RoHS certification

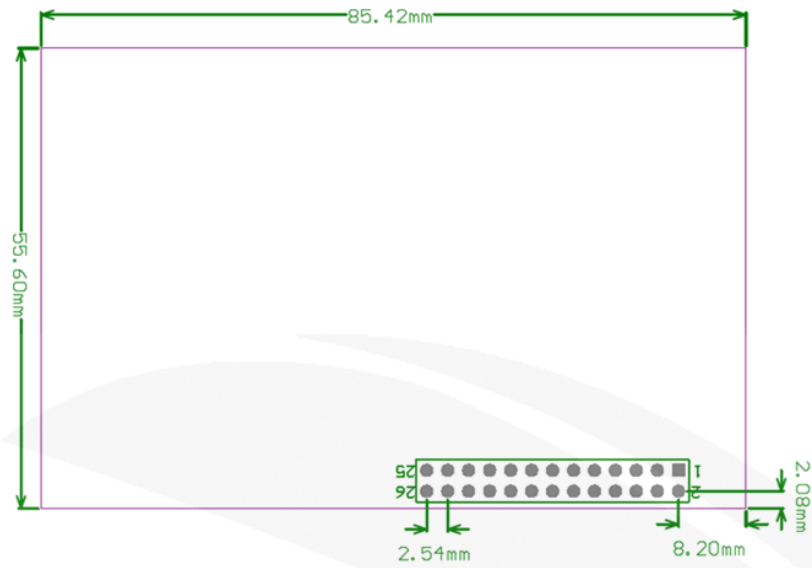## 【Product Parameters】

- ◆ Size: 3.5(inch)
- ◆ SKU: MPI3501
- ◆ Resolution: 480X320(dots)
- ◆ Touch: 4-wire resistive touch
- ◆ Dimensions: 85.42X55.60 (mm)
- ◆ Weight: Net Weight 51(g), Gross Weight 78(g)

【Hardware Description】

Description	Pin	NO.	NO.	Pin	Description
Power input(5V)	5V	2	1	3.3V	NC
Power input(5V)	5V	4	3	SDA	NC
Power GND	GND	6	5	SCL	NC
NC	TX	8	7	P7	NC
NC	RX	10	9	GND	Power GND
NC	P1	12	11	P0	NC
Power GND	GND	14	13	P2	NC
NC	P4	16	15	P3	NC
NC	P5	18	17	3.3V	NC
Power GND	GND	20	19	MI	TP SPI Bus input(MOSI)
TP Interrupt	IRQ	22	21	MO	TP SPI Bus output(MISO)
NC	CE0	24	23	SCK	TP SPI Bus Clock(SCLK)
TP Chip Sellect	TCS	26	25	GND	Power GND

【Dimensions】

【Connect with Raspberry Pi】

Connect the LCD 13*2 Pin socket to Raspberry Pi as the picture show

【How to use with Raspbian &Ubuntu Mate】

◆ Step 1, Install Raspbian or UbuntuMate official image

1) Download from the official website: https://www.raspberrypi.org/downloads/

Or https://ubuntu-mate.org/download/

2) Format TF card by **SDFormatter**

3) Burn the official image into TF card by using **Win32DiskImager**

◆ Step 2,Install Driver

Method 1: online installation (Raspberry Pi need to connect to the Internet)

1) Log onto the Raspberry Pi by **Putty** SSH (User: pi; Password: raspberry)

2) Execute the following command (you can click the right mouse button to paste after copied in **Putty**)

```
sudo rm -rf LCD-show
git clone https://github.com/goodtft/LCD-show.git
chmod -R 755 LCD-show
cd LCD-show/
sudo ./LCD35-show
```

3) Wait for a moment after executing, you can use the corresponding raspberry LCD.

Method 2: offline installation

1) Extract from the companion DVD or Download from the following address

http://www.lcdwiki.com/res/RaspDriver/LCD-show.tar.gz

2) Copy the **LCD-show.tar.gz** drive to the **Raspberry Pi** system root directory
(Suggestion: Copy the **LCD-show.tar.gz** driver directly to Micro SD card after completion of Step 1, or copy by SFTP or other methods for remote copy)

3) Unzip and extract drive files as the following command:

```
cd /boot
sudo tar zxvf LCD-show.tar.gz
cd LCD-show/
sudo ./LCD35-show
```

4) Wait for a moment after executing, you can use the corresponding LCD.

LCDWIKI