





# 4 Inch TFT Display for Raspberry Pi - Resistive Touch Screen SKU 308010015

#### **Description**

This TFT LCD is designed for RPI. As it is touch screen, you can design it for many things.

#### Features :

- Designed for Raspberry Pi Model B/B+, an ideal alternative solution for HDMI monitor
- Compatible with Raspberry Pi A+,B,B+/2.
- IPS technology, high quality and perfect displaying from very wide viewing angle
- 320×480 resolution
- Convenient Men-Machine interface for Raspberry Pi, combined with the portable power, DIY anywhere anytime
- Supports Raspbian system, enables your system to:
  Play videos (supports multi formats, MP4 and so on)
  Take photos by touching (up to 17 camera modes)
  Support software keyboard (system interaction without keyboard/mouse)

# **Specification:**

# **Key Parameters**

LCD Type	TFT	
LCD Interface	SPI	
Touch Screen Type	Resistive	
Touch Screen Controller	XPT2046	
Colors	65536	
Backlight	LED	
Resolution	320*480 (Pixel)	
Aspect Ratio	8:5	
Power Consumption	TBD	
Backlight Current	TBD	
Operating Temp. (°C)	TBD	

# Interface

PIN NO.	SYMBOL	DESCRIPTION
1, 17	3.3V	Power positive (3.3V power input)
2, 4	5V	Power positive (5V power input)
3, 5, 7, 8, 10, 12, 13, 15, 16	NC	NC
6, 9, 14, 20, 25	GND	Ground
11	TP_IRQ	Touch Panel interrupt, low level while the Touch Panel detects touching
18	LCD_RS	Instruction/Data Register selection
19	LCD_SI/TP_SI	SPI data input of LCD/Touch Panel
21	TP_SO	SPI data output of Touch Panel
22	RST	Reset
23	LCD_SCK/TP_SCK	SPI clock of LCD/Touch Panel
24	LCD_CS	LCD chip selection, low active
26	TP_CS	Touch Panel chip selection, low active

#### External Dimension



## **Package Contains**

- 1. 4inch RPi LCD (A) x 1
- 2. Touch pen x 1
- 3. RPi screws pack (2pcs) x 1
- 4. DVD × 1

### **Technical Details**

Weight	G.W 137g
Battery	Exclude





https://www.seeedstudio.com/4-Inch-TFT-Display-for-Raspberry-Pi-Resistive-Touch-Screen-p-2255.html 7-18-18