# 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. (℃) | 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 |