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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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 x 1

### Technical Details

Weight	G.W 137g
Battery	Exclude

