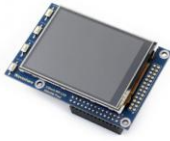


## 2.8 inch Resistive Touch Screen TFT LCD, Designed for Raspberry Pi



### Features

- 320×240 resolution
- Resistive touch control
- Supports any revision of Raspberry Pi (directly-pluggable)
- Drivers provided (works with your own Raspbian/Ubuntu directly)
- Size perfectly fits the Pi
- 4 user keys
- High quality immersion gold surface plating
- Supports Raspbian system, enables your system to:
  - Take photos by touching (up to 17 camera modes)
  - Support software keyboard (system interaction without keyboard/mouse)

[2.8inch RPi LCD \(A\)](#) and [3.2inch RPi LCD \(B\)](#) are compatible with each other (the only differences are screen size and keys count), and can be mutually substituted in most cases.

### Key Parameters

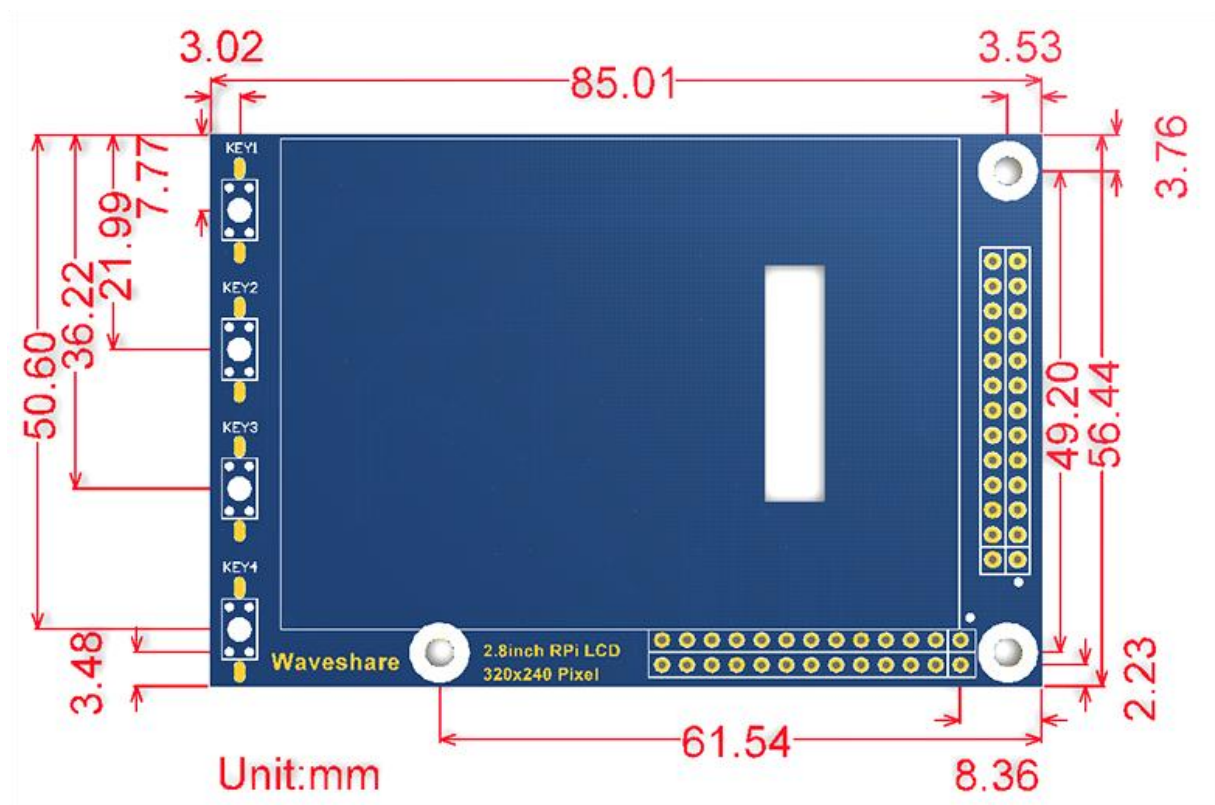
<b>LCD Type</b>	TFT
<b>LCD Interface</b>	SPI
<b>Touch Screen Type</b>	Resistive
<b>Touch Screen Controller</b>	XPT2046
<b>Colors</b>	65536
<b>Backlight</b>	LED
<b>Resolution</b>	320*240 (Pixel)
<b>Aspect Ratio</b>	4:3
<b>Power Consumption</b>	TBD
<b>Backlight Current</b>	TBD
<b>Operating Temp. (°C)</b>	TBD

### Interface

<b>PIN NO.</b>	<b>SYMBOL</b>	<b>DESCRIPTION</b>
1, 17	3.3V	Power positive (3.3V power input)
2, 4	5V	Power positive (5V power input)
3, 5, 7, 8, 10	NC	NC
6, 9, 14, 20, 25	GND	Ground

11	TP_IRQ	Touch Panel interrupt, low level while the Touch Panel detects touching
12	KEY1	Key
13	RST	Reset
15	LCD_RS	LCD instruction control, Instruction/Data Register selection
16	KEY2	Key
18	KEY3	Key
19	LCD_SI / TP_SI	SPI data input of LCD/Touch Panel
21	TP_SO	SPI data output of Touch Panel
22	KEY4	Key
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



## Development Resources

Wiki : [www.waveshare.com/wiki/2.8inch\\_RPi\\_LCD\\_\(A\)](http://www.waveshare.com/wiki/2.8inch_RPi_LCD_(A))