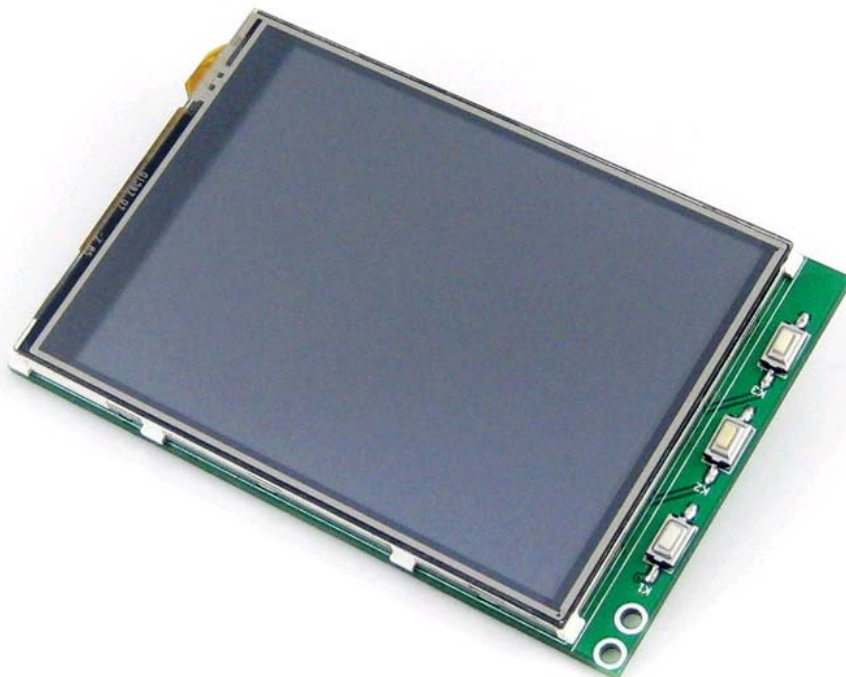# 3.2inch RPi LCD (B)

3.2 inch Resistive Touch Screen TFT LCD Designed for Raspberry Pi, Raspbian IMG Provided

Features

- Designed for Raspberry Pi Model B/B+, easy to use
- Supports Raspbian system, enables your system to:
    - o Play videos (supports multi formats, MP4 and so on)
    - o Take photos by touching (up to 17 camera modes)
    - o Support software keyboard (system interaction without keyboard/mouse)

Key Parameters

LCD Type	TFT
LCD Interface	SPI
Touch Screen Type	Resistive
Touch Screen Controller	XPT2046
Colors	65536

Backlight	LED
Resolution	320*240 (Pixel)
Aspect Ratio	4:3
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, 22	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
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

84.91MM

56.54MM

K1

K2

K3