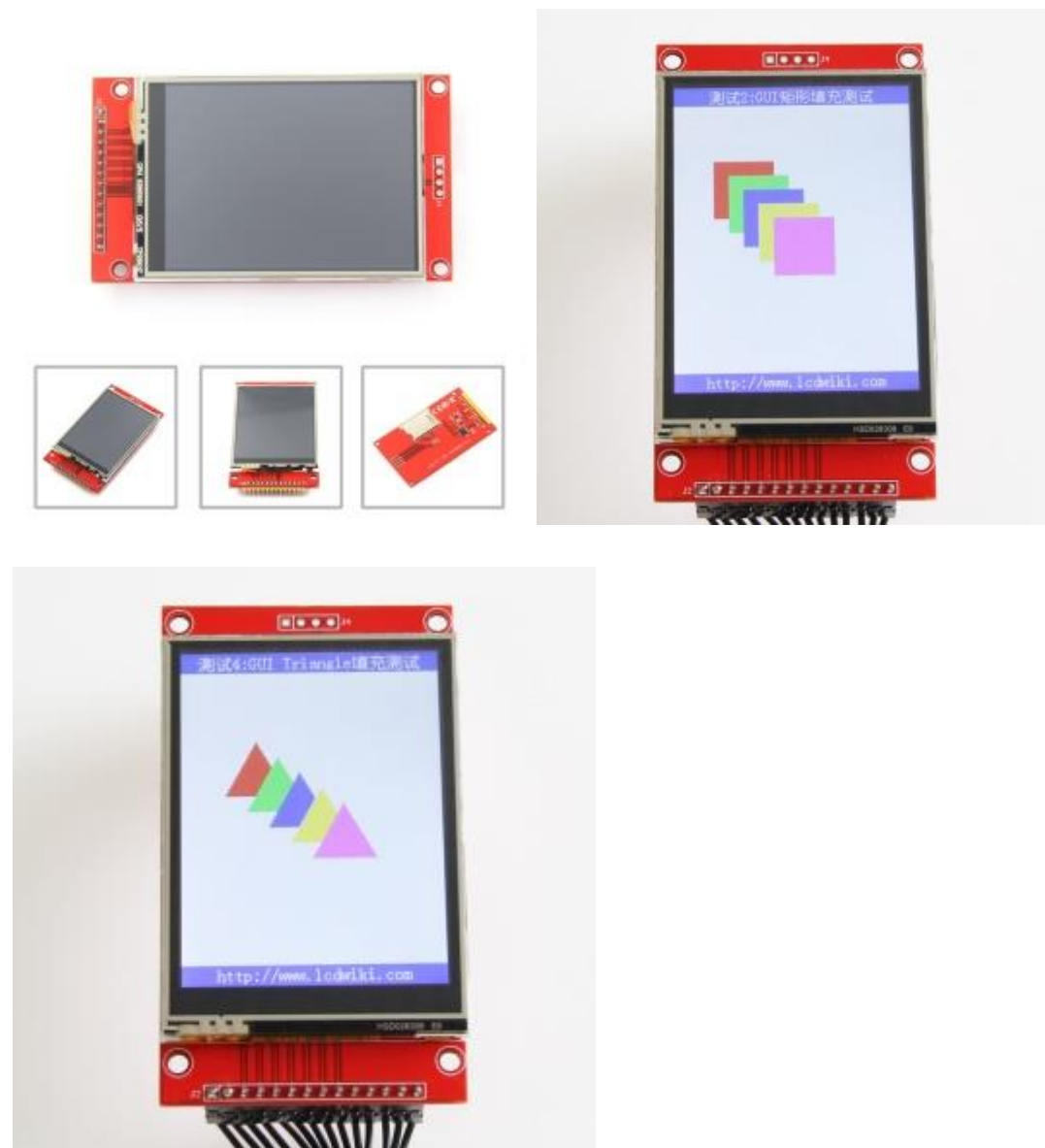


Product Picture



Product Description

- 2.8-inch color screen,support 65K color display,display rich colors
- 320X240 resolution, optional touch function
- Using the SPI serial bus, it only takes a few IOs to illuminate the display
- Easy to expand the experiment with SD card slot

- Provide a rich sample program
- Military-grade process standards, long-term stable work
- Provide underlying driver technical support

Product Parameters

Name	Parameter
Display Color	RGB 65K color
SKU	have touch screen: MSP2807
	have no touch screen: MSP2806
Screen Size	2.8(inch)
Type	TFT
Driver IC	ILI9341
Resolution	320*240 (Pixel)
Module Interface	4-wire SPI interface
Active Area (AA area)	43.2x57.6(mm)
Module PCB Size	50.0x86.0(mm)
Operating Temperature	-20℃~60℃
Storage Temperature	-30℃~70℃
VCC power voltage	3.3V~5V
Logic IO port voltage	3.3V(TTL)

Power Consumption	TBD
Rough Weight(Package containing)	No touch: 34(g) / With touch: 43(g)

Interface Definition



Number	Pin Label	Description
1	VCC	5V/3.3V power input
2	GND	Ground
3	CS	LCD chip select signal, low level enable
4	RESET	LCD reset signal, low level reset
5	DC/RS	LCD register / data selection signal, high level: register, low level: data
6	SDI(MOSI)	SPI bus write data signal

7	SCK	SPI bus clock signal
8	LED	Backlight control, high level lighting, if not controlled, connect 3.3V always bright
9	SDO(MISO)	SPI bus read data signal, if you do not need to the read function, you can not connect it
(The following is the touch screen signal line wiring, if you do not need to touch function or the module itself does not have touch function, you can not connect them)		
10	T_CLK	Touch SPI bus clock signal
11	T_CS	Touch screen chip select signal, low level enable
12	T_DIN	Touch SPI bus input
13	T_DO	Touch SPI bus output
14	T_IRQ	Touch screen interrupt signal, low level when touch is detected

Detail link:

http://www.lcdwiki.com/2.8inch_SPI_Module_ILI9341_SKU:MSP2807