

main parameter

Type : TFT
Interface : SPI
Touch panel control chip : XPT2046
The color index : 65536 色
Backlight: LED
resolving power: 320×480 (Pixel)
Size proportion: 8:5
power waste: TBD
Back facet current: TBD
Working temperature (c): TBD

Interface definition

Pin number	identification	describe
1、 17	3.3V	----- Power supply positive (3.3V power input)
2、 4	5V	-- ---- Power supply positive (5V power input)
3、 5、 7、 8、 10、 12、 13、 15、 16	NC	--- --- NC
6、 9、 14、 20、 25	GND	----- Power GND
11	TP_IRQ	----- Touch panel interrupt, detect the touch panel is pressed down to a low level
18	LCD_RS	----- Instruction / data register selection
19	LCD_SI / TP_SI	----- LCD display / touch panel SPI data input
21	TP_SO	----- SPI data output of touch panel
22	RST	----- reset
23	LCD_SCK / TP_SCKLCD	----- SPI clock signal for display / touch panel
24	LCD_CS	----- LCD chip select signal, low level LCD
26	TP_CS	----- The touch panel chip select signal, low level selection of touch panel

