# 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 |