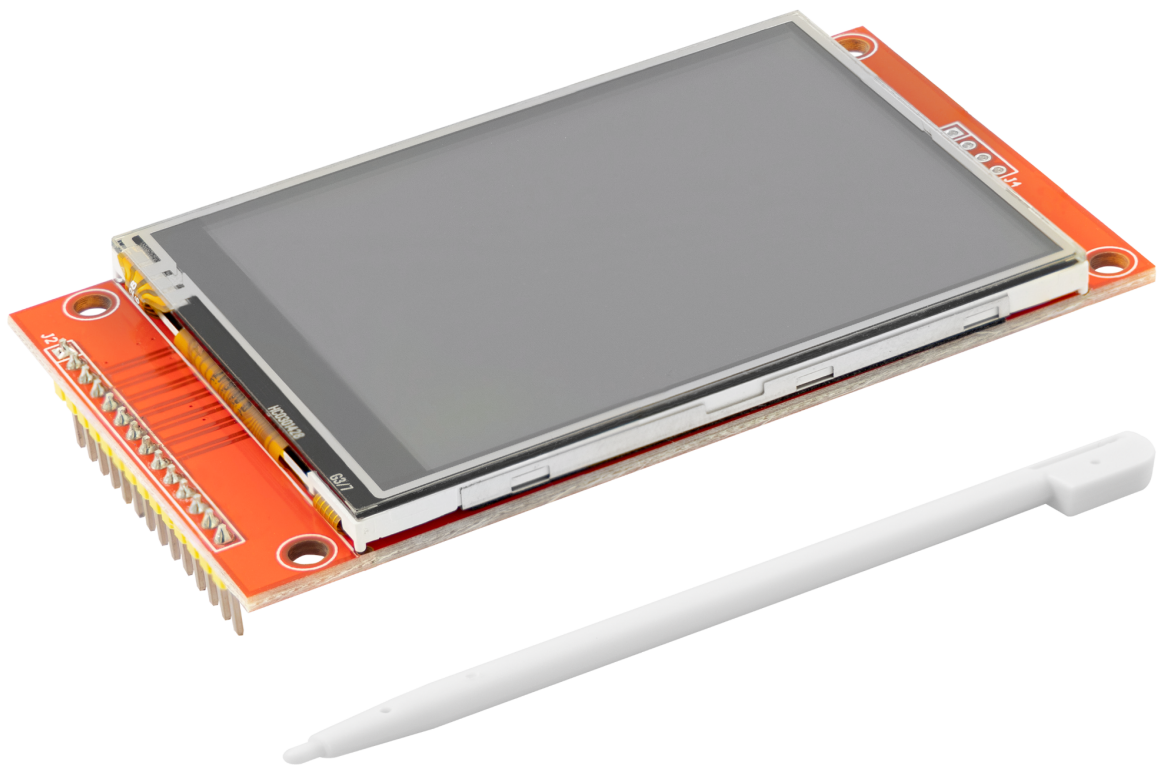


datasheet

# 2.8 inch TFT Touch Display

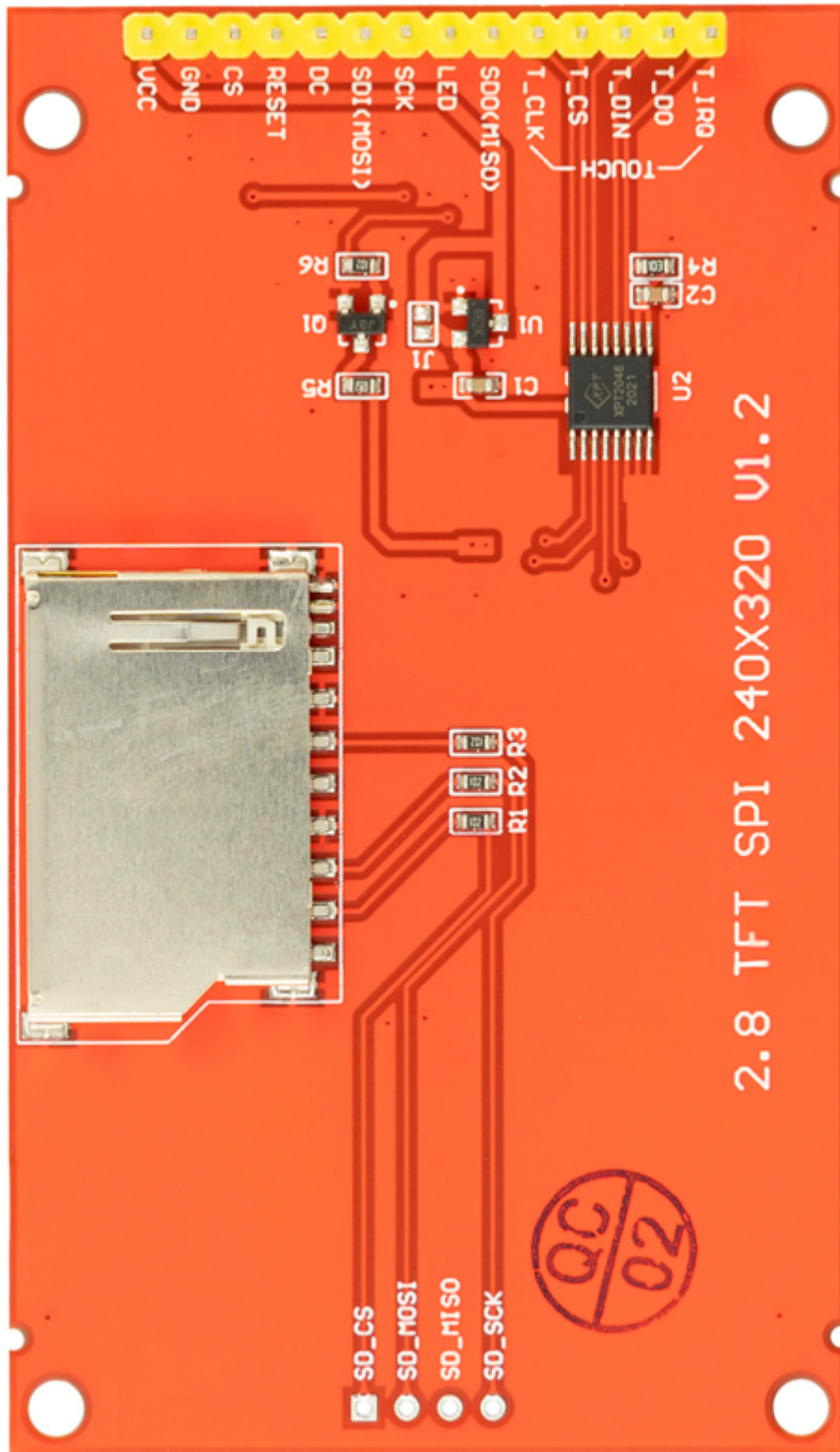
240 x 320



## Specifications

Driver IC	ILI9341
Screen size	2.8 inch
Display type	LCD TFT
Display Color	RGB 65K color
Resolution	320 x 240
Active area	57.6 x 43.2 mm
Interface	SPI
Touchscreen type	resistive
Touch controller	XPT2046
Operating voltage	3.3V - 5V
IO Logic voltage	3.3V
Dimensions	86 x 50 x 8.7 mm
Weight	38g

## Pin Definition



<b>Pin</b>	<b>Description</b>
VCC	3.3V - 5V power input
GND	Ground
CS	Chip Select, active low
RESET	Reset, active low
DC	Data Control. High: register, Low: data
SDI (MOSI)	SPI bus write data signal
SCK	SPI bus clock signal
LED	Backlight control
SDO(MISO)	SPI bus read data signal, can be not connected if read function is not needed
<b>Touchscreen</b>	
T_CLK	Touch SPI bus clock signal
T_CS	Touch Chip Select, active low
T_DIN	Touch SPI bus input
T_DO	Touch SPI bus output
T_IRQ	Touch interrupt signal, low when touch detected
<b>SD Card</b>	
SD_CS	SD Card Chip select,
SD_MOSI	SD Card SPI bus input
SD_MISO	SD Card SPI bus output
SD_SCK	SD Card SPI bus clock signal