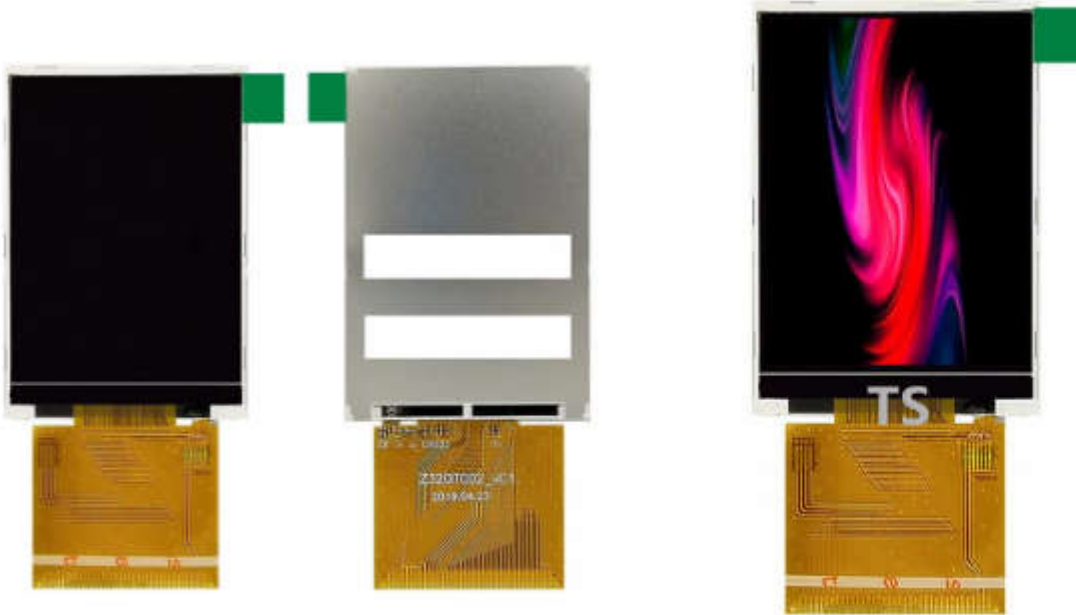


# Z320IT002

3.2 inch TFT touch screen 240\*320 driver IC ILI9341 37pin compatible 8/16-bit access



## • SPECIFICATIONS

---

Resolution: 240\*RGB\*320

Driver chip: ILI9341

Interface type: MCU 8080 parallel port 37PIN 8-bit/16-bit compatible)

Pin pitch: 1.0mm

Dimensions: 77.4\*54\*3.75mm (with touch)

77.4\*54\*2.55mm (without touch)

Screen dimensions: 48.6\*64.8mm

Backlight type: LED \* 6 current 90mA

Voltage: working voltage VDD = 2.8V-3.3V

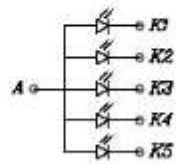
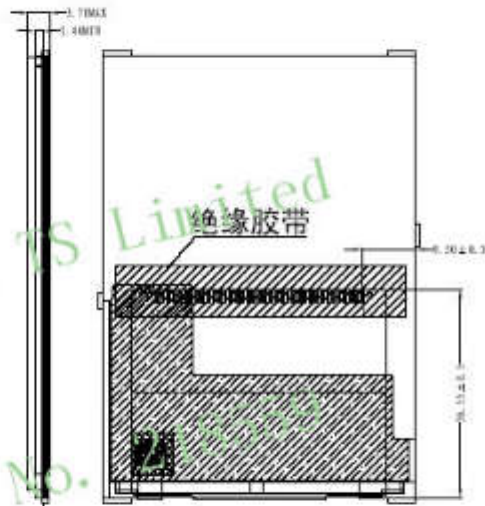
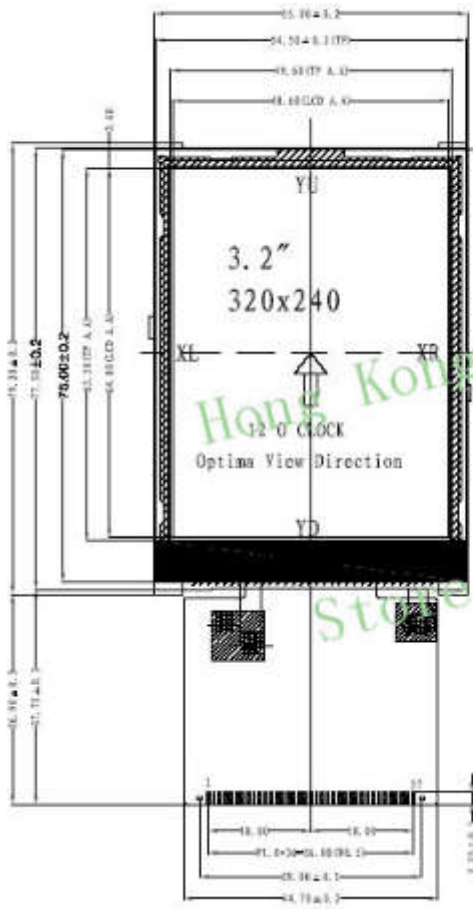
Total power consumption: 0.32W

Working Temperature: -20 -+70

Storage temperature: -30 -+80

Viewing angle: 12:00 PM

Connection Type: Welding



BL CIRCUIT DIAGRAM

1	GND
2	VDD
3	VDD
4	CS
5	XS
6	WA
7	RD
8	RES7
9	SD0
10	SD1
11	SD2
12	SD3
13	SD4
14	SD5
15	SD6
16	SD7
17	SD8
18	SD9
19	SD10
20	SD11
21	SD12
22	SD13
23	SD14
24	SD15
25	GND
26	V3
27	XL
28	YU
29	XR
30	LED-1
31	LED-2
32	LED-3
33	LED-4
34	LED-5
35	LED-6
36	LED-6
37	GND

引脚序号	引脚名称	作用描述	备注
1	GND	接地脚	
2	VDD	电源供电脚(2.8-3.3V)	
3	VDD	电源供电脚(2.8-3.3V)	
4	CS	芯片选择, 低电平有效	
5	RS	寄存器选择 0: 寄存器 1: 参数	
6	WR	写数据信号	
7	RD	读数据信号	
8	REST	屏复位	
9-24	DB0-DB15	数据线	
25	GND	接地脚	
26	YD	触摸控制脚	
27	XL	触摸控制脚	
28	YU	触摸控制脚	
29	XR	触摸控制脚	
30	LED-1	背光负极	
31	LED-2	背光负极	
32	LED-3	背光负极	
33	LED-4	背光负极	
34	LED-5	背光负极	
35-36	LED-A	背光正极	
37	GND	接地脚	

**R16** 接电阻时, 为 16 位接口, DB15-DB0 有用。(默认 16 位)

**R8** 接电阻时, 为 8 位接口, DB15-DB8 有用。