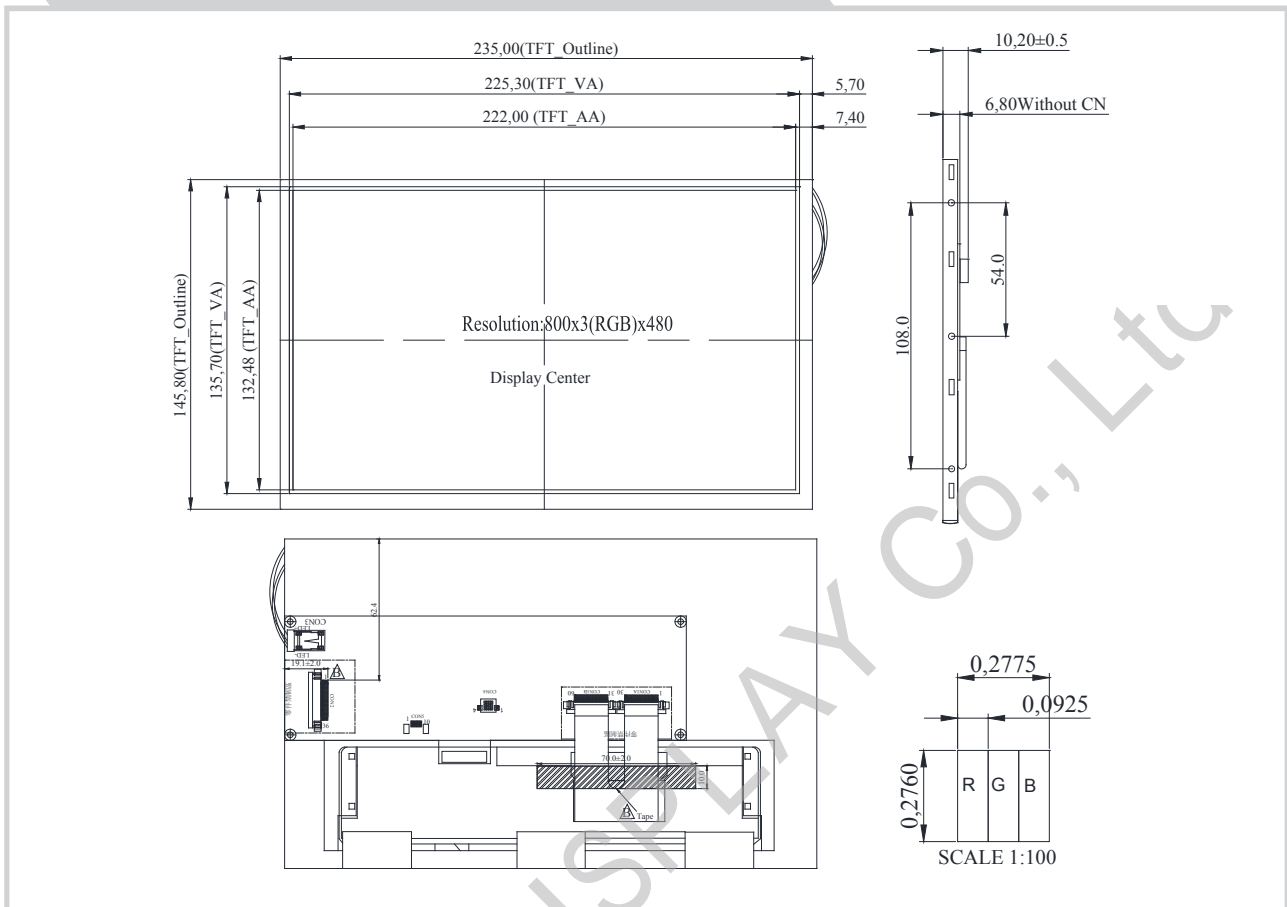


WF102Q TFT Graphic 800x480 dots



Feature

1. 7 inches Color TFT
2. Dot Matrix: 800xRGBx480
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. +3.3V power supply of VDD
6. Option RTP/CTP
7. Controller IC : SSD1963
8. LED Driver system build in
9. Interface : 8/16 Bits (8080/6800)

Pin No	Symbol	function
1	GND	System ground pin of the IC .
2	VDD	Power Supply : +3.3V
3	BLE	Backlight control signal ,
4	D/C	Data/Command select
5	WR	Write strobe signal
6	RD	Read strobe signal
7~14	DB0~7	Data bus
15~22	DB8~15	Data bus (When select 8bits Mode, this pin is NC)
23~24	NC	No connect
25	CS	Chip select
26	RST	Hardware reset
27	L/R	Left / right selection;
28	U/D	Up/down selection;
29~32	NC	No connect
33~34	VLED-	Power for LED Driver IC(GND)
35~36	VLED+	Power for LED Driver IC(+5V)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	235.0 x 145.8	mm
Viewing Area	225.3 x 135.7	mm
Active Area	222.0 x 132.48	mm
Dot Pitch	0.0925 x 0.2755	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VDD	3	3.1	3.6	V
Supply Current	IDD	---	160	225	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VLED+	---	5	---	V
LED Current	VLED=5V	500	---	750	mA