

10.1 inch Handwriting display TFT LCD Display

- ▶ Module No.:DS101BOE40N-145-E
- ▶ Size:10.1inch
- ▶ Resolution:800*1280
- ▶ View Angle:80/80/80/80
- ▶ Interface:MIPI
- ▶ Brightness(cd/m²):280
- ▶ Contrast Ratio:1000
- ▶ Touch Screen: With touch screen



PRODUCT DETAIL

DS101BOE40N-145-E is a 10.1inch handwriting display mode,it applies to 10.1" color TFT-LCD panel.The 10.1inch color TFT-LCD panel is designed for dashboard,white house,smart home,industrial equipment device and other electronic products which require high quality flat panel displays,excellent visual effect.This module follows RoHS.

◆ PRODUCT PARAMETERS

Item	Standard Values
Size	10.1 inch
Resolution	800*1280
Outline Dimension	143.00(W)×228.60(H)×3.10(D)
Display area	135.36(H)×216.576(V)
Display mode	Normally black, Transmissive
Pixel Configuration	RGB Vertical stripes

LCM Luminance	280cd/m2
Contrast Ratio	1000:1
Optimum View Direction	ALL
Interface	MIPI
Operating Temperature	'-10 ~ +60°C
Storage Temperature	'-20 ~ +70°C
1. Resistive touch panel/capacitive touchscreen/demo board are available	
2. Air bonding & optical bonding are acceptable	

◆ Absolute Maximum Ratings

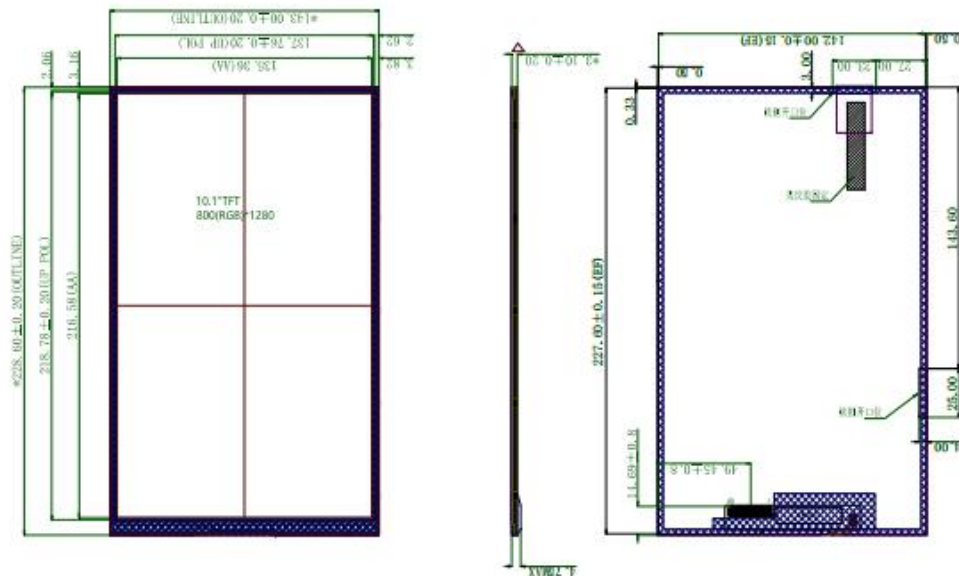
1.Driving TFT LCD Panel

Item	Symbol	Values			Unit
		MIN	MAX	Unit	
power supply voltage	VDD	3.0	3.3	3.6	V
power supply ripple voltage	VRP	-	-	VDD	mV
power supply current	IDD	--	225	251	mA
Power consumption	PD	--	0.742	0.903	w

2.LED Back Light Specification

Item	Symbol	Values			Unit	Remark
		MIN	TYP	MAX		
Backlight driving voltage	VF	-	21.7	-	V	
Backlight driving current	IF	--	80	--	mA	

◆ LCD DRAWINGS



♥ ***Our specific datasheet can be provided! Just contact us by mail.***

◆ OUR ADVANTAGES

1. **Brightness** can be customized, brightness can be up to 1000nits.
2. **Interface** can be customized, Interfaces TTL RGB, MIPI, LVDS, SPI, eDP is available.
3. **Display's view angle** can be customized, full angle and partial view angle is available.
4. **Touch Panel** can be customized, our LCD display can be with custom resistive touch and capacitive touch panel.
5. **PCB Board solution** can customized, our LCD display can support with controller board with HDMI, VGA interface.
6. **Special share LCD** can be customized, such as bar, square and round LCD display can be customized or any other special shaped display is available to custom.

7.0inch 800×480 TFT LCD Display for video door phone

- ▶ Module No.:DS070INX50N-039
- ▶ Size:7inch
- ▶ Resolution:800*480
- ▶ View Angle:50/70/70/70(U/D/L/R)
- ▶ Interface:RGB/50PIN
- ▶ Brightness(cd/m²):250
- ▶ Contrast Ratio:500:1
- ▶ Touch Screen: Without touch screen



PRODUCT DETAIL

DS070INX50N-039 is a 7.0 inch TFT TRANSMISSIVE LCD Display, it applies to 7.0" color TFT-LCD panel. The 7.0 inch color TFT-LCD panel is designed for smart home, mini pad, mobile phone, camcorder, GPS, digital camera application, microcomputer designed for the education of computer programming, industrial equipment device and other electronic products which require high quality flat panel displays, excellent visual effect. This module follows RoHS.

◆ PRODUCT PARAMETERS



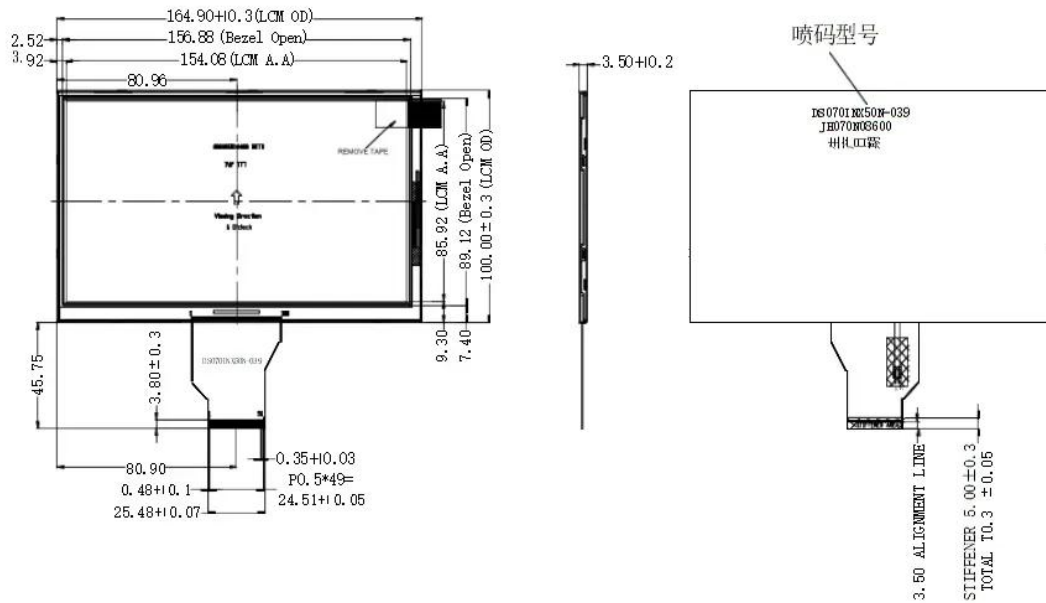
Item	Standard Values
Size	7 inch
Resolution	800*480

Outline Dimension	164.9(W)X100.0(H)X3.5(D) mm
Display area	154.08(W)X85.92(H) mm
Display mode	Normally white
Pixel Configuration	RGB Vertical stripes
LCM Luminance	250cd/m2
Contrast Ratio	500:01:00
Optimum View Direction	6 O'clock
Interface	RGB
LED Numbers	27LEDS
Operating Temperature	'-20 ~ +70℃
Storage Temperature	'-30 ~ +80℃
1. Resistive touch panel/capacitive touchscreen/demo board are available	
2. Air bonding & optical bonding are acceptable	

◆ Absolute Maximum Ratings

Item	Symbol	Values			Unit
		MIN	TYP	MAX	
Power Voltage	DVDD	3.0	3.3	3.6	V
	AVDD	10.2	10.4	10.6	V
	VGH	-	16.0	-	V
	VGL	-	-7.0	-	V
Input Signal Voltage	VCOM	-	4.1	-	V

◆ LCD DRAWINGS



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6. **Special share LCD** can be customized, such as bar, square and round LCD display can be customized or any other special shaped display is available to custom.

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