

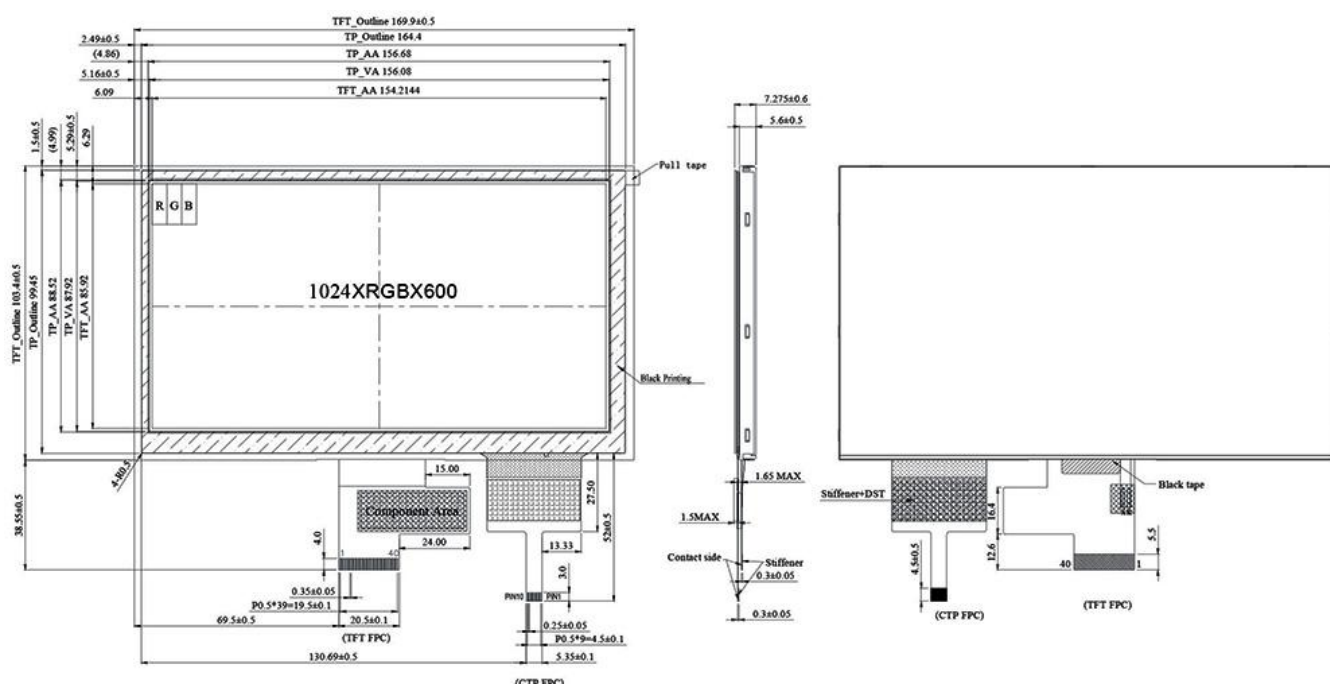
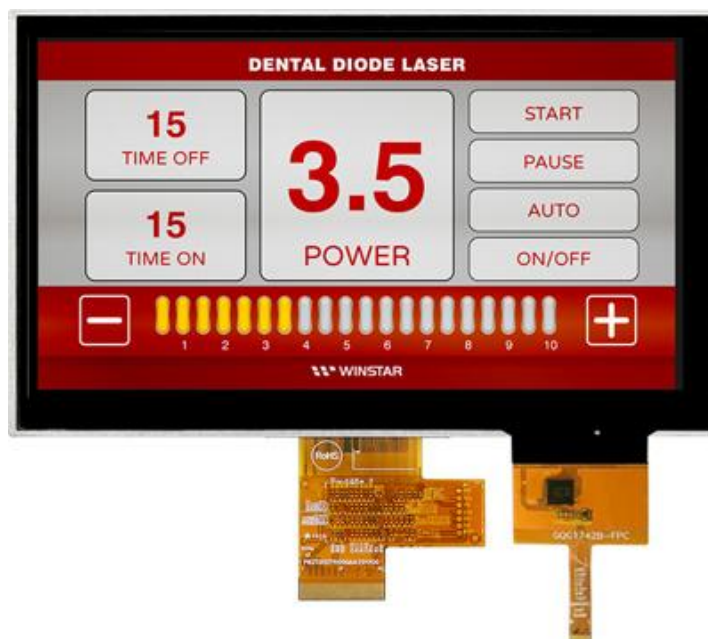
July 2020

High Brightness 7" IPS TFT WF70A8SYAHLNG0

WF70A8SYAHLNG0 is a High Brightness 7 inch IPS TFT LCD module, with Projected Capacitive Touch Panel, resolution 1024x600 pixels. WF70A8 model is built in with ST5021 and ST5651 driver ICs, it supports LVDS interface, contrast ratio 800 (typical value), brightness 850 nits (typical value), aspect ratio 16:9, Glare surface glass, normally black, transmissive LCD type. The Projected Capacitive Touch Panel of WF70A8 is built in with FT5426 IC which supports I2C interface. This 7" IPS TFT has a wider viewing angle than TN TFT, it's view angle is Left:85 / Right:85 / Up:85 / Down:85 degree (typical value).

The supply voltage (VDD) of WF70A8SYAHLNG0 is from 3.0V to 3.6V, typical value 3.3V. It can be operating at temperatures from -20°C to +70°C and storage temperatures from -30°C to +80°C. We also offer High Brightness WF70A8 model with Resistive Touch Panel (RTP) option which P/N is WF70A8SYAHLNT0.

WF70A8SYAHLNG0	Dimension
Size	7 inch
Dot Matrix	1024×RGB×600(TFT) dots
Module dimension	169.9(W)×103.4(H)×7.275(D) mm
Active area	154.2144×85.92 mm
Dot pitch	0.1506×0.1432 mm
LCD type	TFT, Normally Black, Transmissive
Viewing Angle	85/85/85/85
TFT Interface	LVDS
Aspect Ratio	16:9
Driver IC	ST5021 + ST5651 or equivalent
Backlight Type	LED, Normally White
CTP IC	FT5426 or Equivalent
CTP Interface	I2C
CTP FW Version:	V03
Touch Panel	Projected Capacitive Touch Screen
Surface	Glare

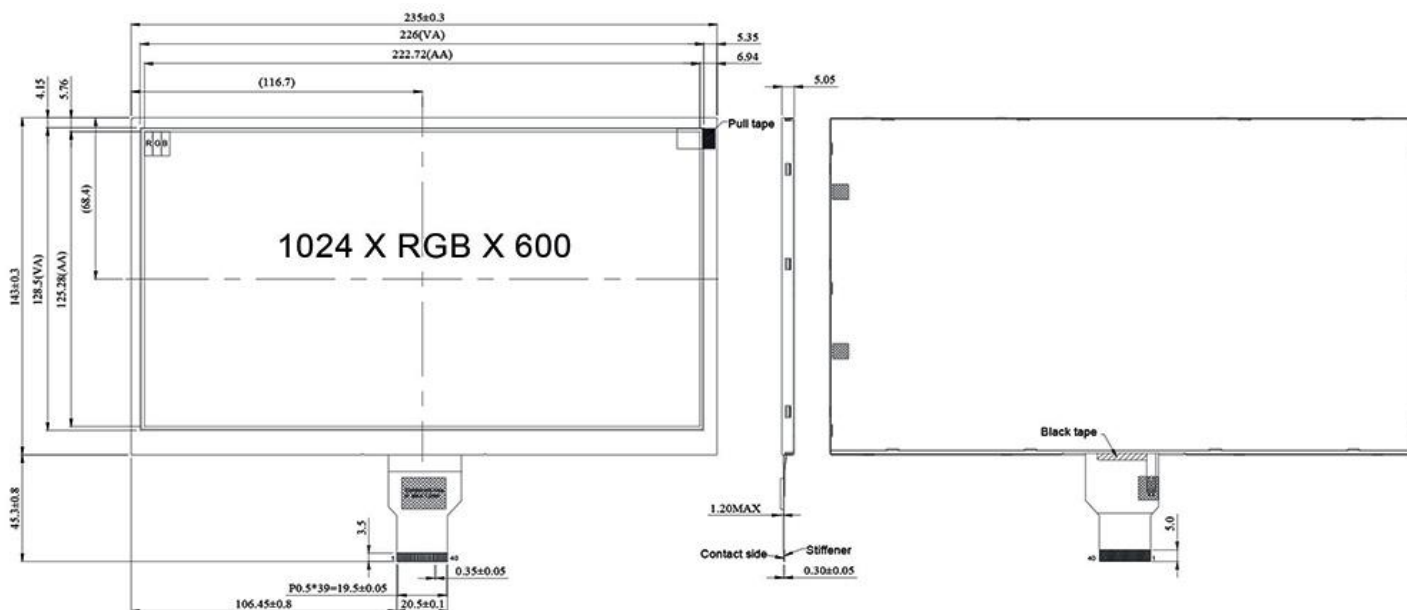


High Brightness 10.1" LVDS IPS TFT WF101JSYAHLNN0

WF101JSYAHLNN0 is a landscape mode 10.1 inch high brightness IPS TFT LCD module, it featured with resolution 1024x600 pixels. WF101J model is built in with EK79001HN and EK73215BCGA driver ICs, it supports LVDS interface, contrast ratio 800 (typical value), brightness 1100 nits (typical value), aspect ratio 16:9, anti-glare surface glass, normally black, transmissive LCD type. This 10.1" IPS TFT has a wider viewing angle than TN TFT, it's view angle is Left:85 / Right:85 / Up:85 / Down:85 degree (typical value).

The supply voltage (VDD) of WF101JSYAHLNN0 is from 3.0V to 3.6V, typical value 3.3V. It can be operating at temperatures from -20°C to +70°C and storage temperatures from -30°C to +80°C. If customers do not require high brightness, please choose WF101JTYAHLNN0.

WF101JSYAHLNN0	Dimension
Size	10.1 inch
Dot Matrix	1024 RGB×600 dots
Module dimension	235(W)×143(H)×5.05(D) mm
Active area	222.72 (H)×125.28(V) mm
Dot pitch	0.2175(W)×0.2088(H) mm
LCD type	TFT, Normally Black, Transmissive
Interface	LVDS
Driver IC	EK79001HN + EK73215BCGA or equivalent
Viewing Angle	85/85/85/85
Aspect Ratio	16:9
Backlight Type	LED, Normally White
Touch Panel	RTP option, CTP under development
Surface	Anti-Glare



Circular COG LCD WO128128A USB Demo Kits

WO128128A is a circular monochrome COG graphic LCD module made of 128x128 dot matrix format. This Round COG LCD module is built in with ST75161 IC; it supports 8080/6800 parallel, 3-wire and 4-wire serial SPI, I2C interface, Viewing Direction 6 o'clock, 1/136 driving duty, 1/12 BIAS.

The supply voltage for logic of WO128128A is 2.7V to 3.3V, typical value 3V. This module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. WO128128A is available in FSTN Negative (WO128128A-TDI) and FSTN positive LCD type with white LED backlight (WO128128A-TFH). The USB demo kits are available now; please contact us for USB sampling or quotation.

Demo kit P/N: WWSTNUSBDEMO-00 for WO128128A-TFH LCD module

Demo kit P/N: WWSTNUSBDEMO-01 for WO128128A-TDI LCD module

USB Demo Kits:





128x128 Circular LCD Display

- ▶ COG Structure
- ▶ Built-in controller ST75161
- ▶ +3.3V power supply
- ▶ 1/136 duty cycle
- ▶ Interface : 6800/8080/SPI/I2C



WO128128A



