

Dec 2019



## Shipping Arrangement Before Stocktaking & Holiday Notice

Winstar Display will have annual stocktaking from December 30 thru 31, 2019 for the Taiwan and China plants. Please note that all the shipping arrangement during this period will be forbidden. We will return to work on January 2, 2020 after New Year Holiday. Please notice the shipping date before and after holiday and our annual stocktaking.

Below is the last shipping date and the first shipping date for this period as reference. Please work with Winstar sales persons closely before the inventory check and holiday if your shipment might be affected. Thank you.

### Shipping From Taiwan:

- ▶ Last shipping date: December 26, 2019
- ▶ First shipping date: January 2, 2020

### Shipping From China:

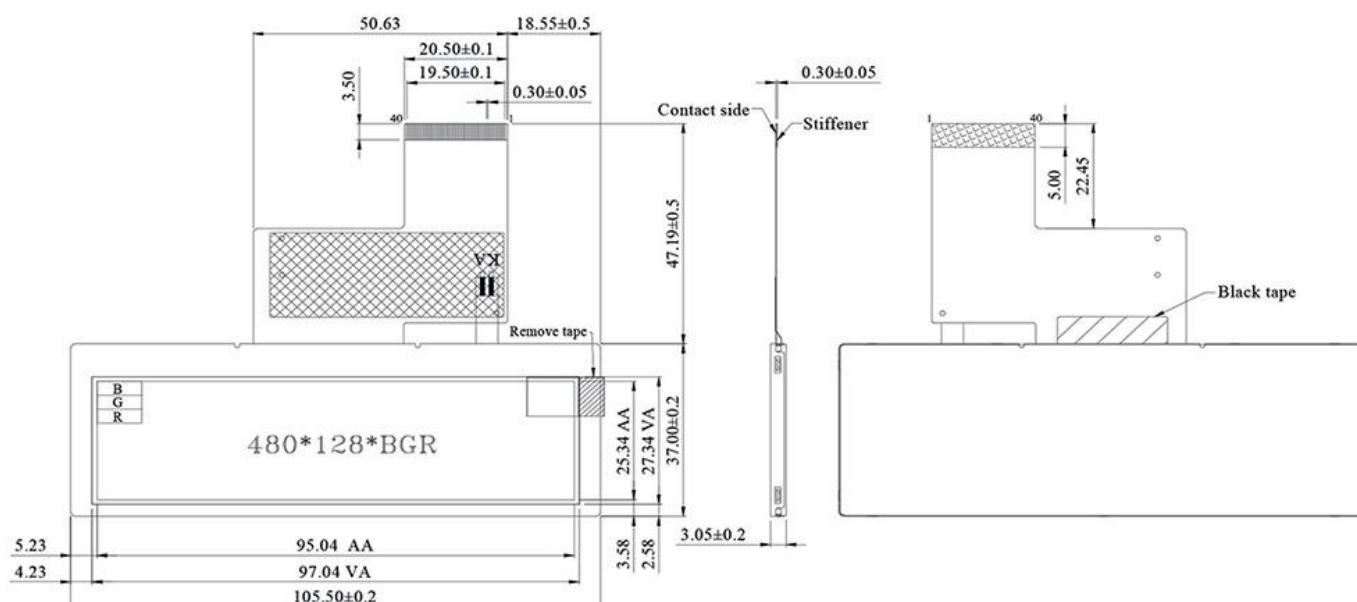
- ▶ Last shipping date: December 27, 2019
- ▶ First shipping date: January 2, 2020

### 3.9" Top View Direction Bar TFT WF39CTIASDNN0

Winstar released a new version 3.9 inch Bar Type TFT-LCD WF39C display which featured with resolution 480x128 pixels. WF39CTIASDNN0 is built in with Driver IC X8278-A, it supports 24-bit RGB interface; 3.3V (typical) power supply voltage; supports SYNC mode or DE mode, default SYNC mode. It's brightness is 500 nits; contrast ratio of 500, view direction 12 o'clock (top view direction), gray scale inversion direction 6 o'clock, and Anti-glare surface glass. It can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. We also offer Resistive Touch Panels (RTP), Projected Capacitive Touch Panel (PCAP) and High Brightness version optional for WF39C model. WF39C is top-view direction TFT module, if customers require bottom-view (6 o'clock), please choose WF39B model.

This widescreen Bar Type 3.9" WF39C TFT-LCD offers high quality and colorful image; it is especially suitable for server system, audio system, auto/aviation/marine equipment, security equipment, Industrial equipment, outdoor intercom systems and control panels, medical equipment and etc.

WF39CTIASDNN0	Dimension
Size	3.9 inch
Dot Matrix	480x128 x RGB (TFT)
Module dimension	105.5(W) x 37.0(H) x 3.05(D) mm
Active area	95.04 x 25.34 mm
Dot pitch	0.066(W)x 0.198(H) mm
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
Aspect Ratio	Bar Type
TFT Driver IC	HX8278-A or equivalent
TFT Interface	RGB-24BIT
Backlight Type	LED, Normally White
Touch Panel	RTP/PCAP optional
Surface	Anti-Glare

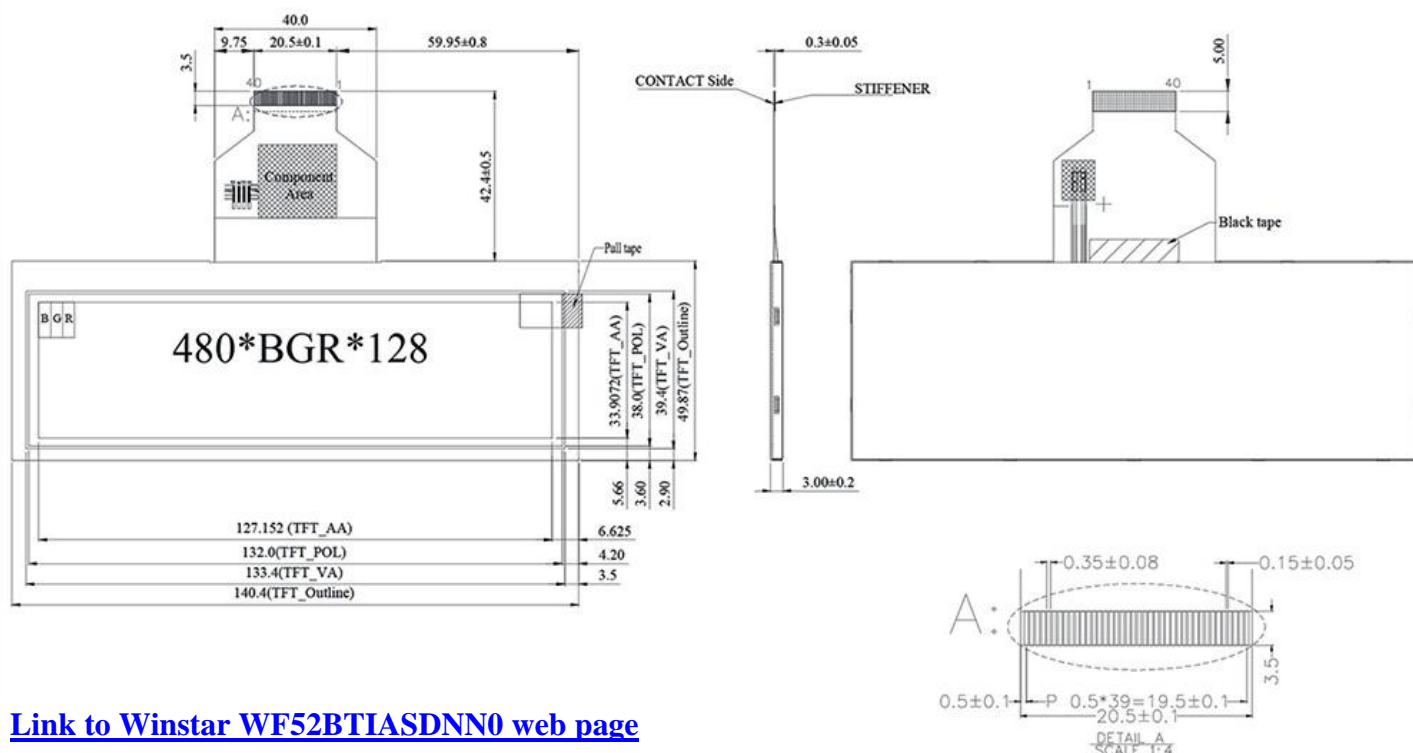


### 5.2" Top View Direction Bar TFT WF52BTIASDNN0

WF52BTIASDNN0 is a top view direction (12 o'clock) bar type TFT LCD module, diagonal size 5.2 inch. WF52B module offers high quality and colorful image made of resolution 480x128 pixels. This module is built in with ST7252 or equivalent driver IC, it supports RGB 24-bit parallel interface SYNC mode, brightness 500 nits; contrast ratio 500, view direction 12 o'clock, gray scale inversion direction 6 o'clock, and glare surface glass. If customers require bottom-view (6 o'clock), gray scale inversion direction 6 o'clock, please choose WF52A model.

The supply voltage for LCM (VCC) is 3V ~3.6V, typical value 3.3V, it can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. We also offer Resistive Touch Panels (RTP), Projected Capacitive Touch Panel (PCAP) and High Brightness version optional for WF52B model.

WF52BTIASDNN0	Dimension
Size	5.2 inch
Dot Matrix	480 × RGB × 128
Module dimension	140.4 × 49.87 × 3.0 mm
Active area	127.152 × 33.9072 mm
Dot pitch	0.0883 × 0.2649 mm
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
Aspect Ratio	Bar Type
Backlight Type	LED, Normally White
Driver IC	ST7252 or equivalent
Interface	RGB 24bit
Touch Panel	RTP/PCAP optional
Surface	Glare





## 7 inch IPS TFT-LCD WF70A8 Series

WF70A8TYAHLNN0 is a landscape 7 inch IPS TFT module, with resolution 1024x600 pixels. WF70A8 model is built in with ST5021 and ST5651 driver ICs, it supports LVDS interface, contrast ratio 800 (typical value), brightness 600 nits (typical value), aspect ratio 16:9, Anti-Glare surface glass, normally black, transmissive LCD type. 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 WF70A8TYAHLNN0 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 Resistive Touch Panels (RTP), Projected Capacitive Touch Panel (PCAP) optional for WF70A8 model. If customers require High Brightness version, please choose WF70A8SYAHLNN0 which brightness is 1100 nits.

WF70A8TYAHLNN0	Dimension
Size	7 inch
Dot Matrix	1024 × RGB × 600(TFT)
Module dimension	169.9(W) × 103.4(H) × 5.6(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
Aspect Ratio	16:9
Driver IC	ST5021 + ST5651 or equivalent
Backlight Type	LED, Normally White
Touch Panel	RTP/PCAP optional
Interface	LVDS
Surface	Anti-Glare

