

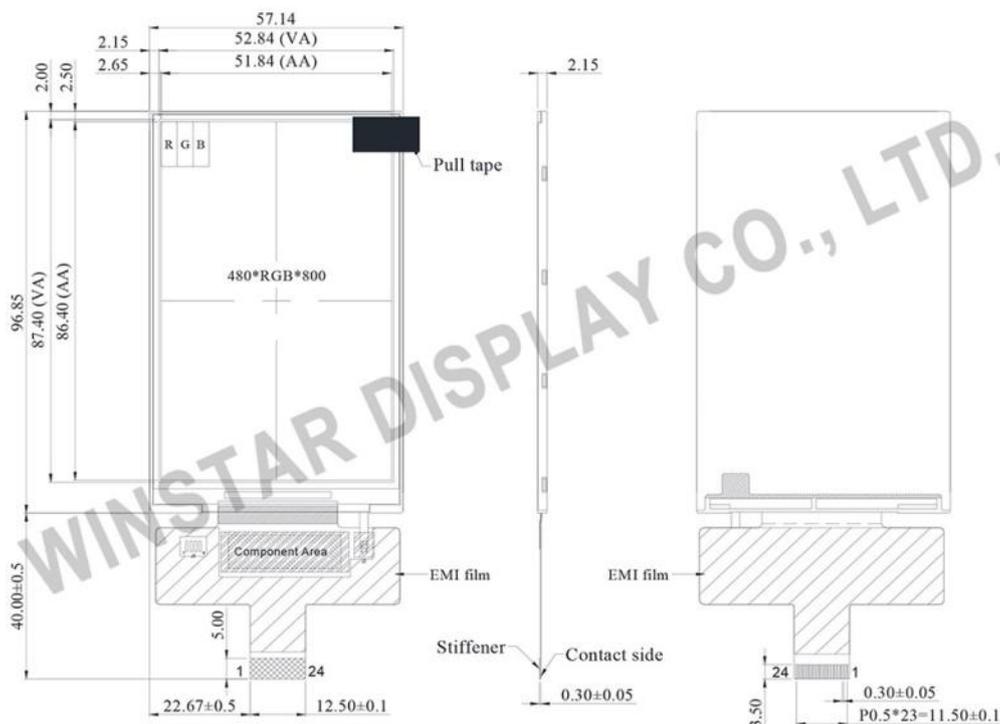
Oct, 2018

3.97 inch Portrait IPS TFT-LCD WF40CTYAQMNN0

WF40CTYAQMNN0 is a 3.97 inch IPS TFT-LCD display module; made of resolution 480 x 800 pixels. WF40C module supports MIPI DSI Serial interface (2 lanes), it featured with IPS panel which is having the advantages of wider viewing angle of Left:80 / Right:80 / Up:80 / Down:80 degree (typical), contrast ratio 720 (typical value), brightness 600 nits (typical value), Anti-Glare surface panel.

This 3.97 inch MIPI LCD display is portrait mode; it integrated driver IC ST7701S on module, interface supply voltage range 2.8V to 3.3V. This TFT module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C.

WF40CTYAQMNN0	Dimension
Size	3.97 inch
Dot Matrix	480 × 3(RGB) × 800 dots
Module dimension	57.14(H) × 96.85(W) × 2.15 mm
Active area	51.84(H) × 86.4(V) mm
Dot pitch	0.108(H) × 0.108(V) mm
LCD type	TFT, Normally Black, Transmissive
View Direction	IPS
Aspect Ratio	Portrait
Interface	MIPI DSI
Driver IC	ST7701S
Backlight Type	LED, Normally White
Touch Panel	Without Touch Panel
Surface	Anti-Glare

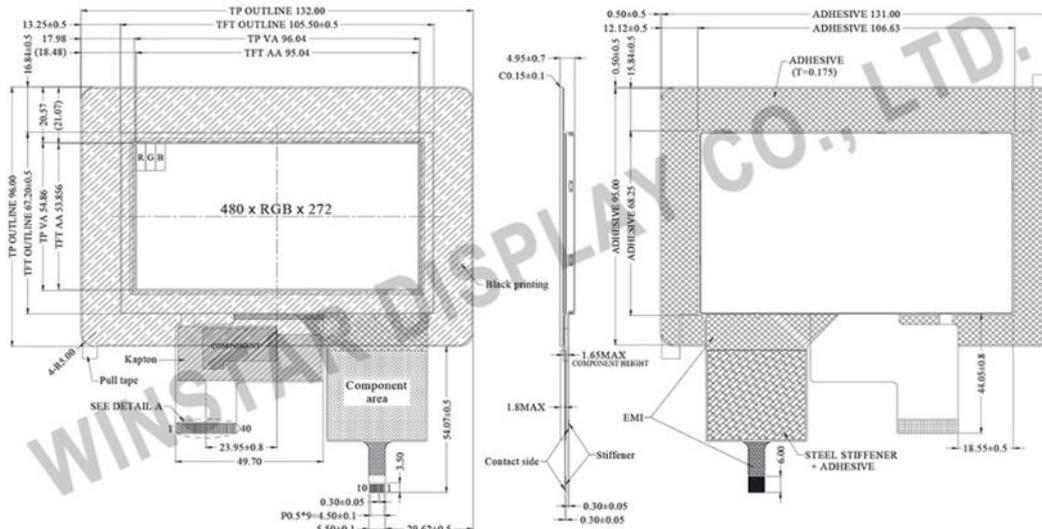


4.3" WF43HTIAEDNBB TFT with USB Interface PCAP

WF43HTIAEDNBB is a 4.3 inch TFT-LCD display, made of resolution 480x272 pixels with USB interface Capacitive Touch Screen on module. This TFT module built in with ST7282-G4-1B Driver IC, it supports 24-bit RGB interface, and the capacitive touch panel is built in with ILI2511 driver IC which supports USB and I2C interface. This projected capacitive touch screen supports multi-touch function, compatible with Windows, Linux, Android and Mac operating systems. The outline dimension of this TFT is 105.5 x 67.2 mm, as to the dimension of capacitive touch screen is 132.0 x 96.0 mm. In order to fit into product application market trend, we design the outline dimension of the cover lens are bigger than TFT modules.

This TFT model is having the typical brightness 400 cd/m², power supply for voltage (VDD) range from 3V to 3.6V. This module is having Glare surface panel, view direction 12 o'clock, gray scale inversion 6 o'clock, and aspect ratio 16:9, the operating temperature ranges from -20 °C to +70 °C and storage from -30 °C to +80 °C.

WF43HTIAEDNBB	Dimension
Size	4.3 inch
Dot Matrix	480 × RGB × 272 dots
Module dimension	132.0 × 96.0 × 4.95 mm
Active area	95.04 × 53.856 mm
Dot pitch	0.066 × 0.198 mm
LCD type	TFT, Normally White, Transmissive
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
TFT Driver IC	ST7282-G4-1B
TFT Interface	24-bit RGB
Aspect Ratio	16:9
Backlight Type	LED, Normally White
PCAP IC	ILI2511
PCAP Interface	USB (I2C available)
PCAP FW Version	V 6. 0. 0. 0. 43.29.0.1
Touch Panel	With PCAP
Surface	Glare

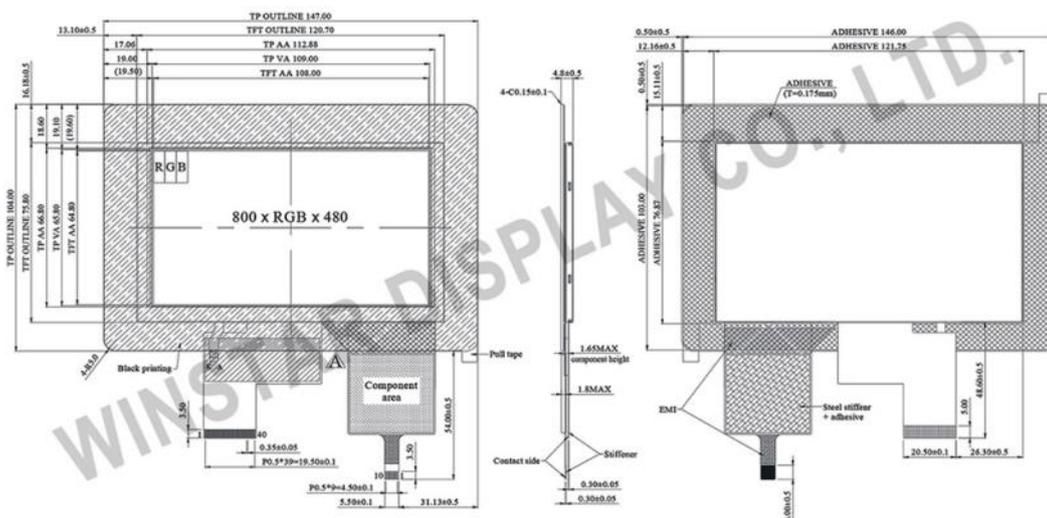


5 inch WF50BTIAGDNB0 with USB Interface PCAP

WF50BTIAGDNB0 is a full color 800x480 TFT-LCD display module, diagonal size 5 inch. This TFT model is featured with USB interface Capacitive Touch Screen on module; it built in with ILI6122 and ILI5960 Driver IC, supports 24-bit RGB interface, as to the capacitive touch panel is built in with ILI2511 driver IC which supports USB and I2C interface. This projected capacitive touch screen supports multi-touch function, compatible with Windows, Linux, Android and Mac operating systems.

WF50BTIAGDNB0 model is having the typical brightness 400 cd/m², power supply voltage (VDD) range from 3V to 3.6V. This module is having Glare surface panel, view direction 12 o'clock, gray scale inversion 6 o'clock, and aspect ratio 16:9, contrast ratio 500:1, the operating temperature ranges from -20 °C to +70 °C and storage from -30 °C to +80 °C.

WF50BTIAGDNB0	Dimension
Size	5 inch
Dot Matrix	800 × 3(RGB) × 480 dots
Module dimension	147.0(W) × 104.0(H) × 4.8 mm
Active area	108(W) × 64.8 (H) mm
Dot pitch	0.135(W) × 0.135(H) mm
LCD type	TFT, Normally White, Transmissive
TFT Driver IC	ILI6122 + ILI5960
View Direction	12 o'clock
Gray Scale Inversion Direction	6 o'clock
TFT Interface	24-bit RGB
Aspect Ratio	16:9
Backlight Type	LED ,Normally White
PCAP IC	ILI2511
PCAP Interface	USB (I2C available)
PCAP FW Version	V 6. 0. 0. 0. 5.28.0.1
Touch Panel	With PCAP
Surface	Glare



USB/I2C interface Capacitive Touch Screen with ILI2511 IC

Winstar released a variety of TFT-LCD models which featured with USB Projected Capacitive Touch Screen Technology Supporting Multi-Touch function, compatible with Windows, Linux, Android and Mac Operating System. These types are having USB interface Capacitive Touch Screen with ILI2511 controller IC; it also supports I2C interface. The USB interface makes it plug-and-play easily on customers' product applications. Currently, it is available for below TFT items support USB Capacitive Touch Screen with ILI2511 IC.

Size	TFT Model Series
4.3 inch	WF43G, WF43H, WF43U, WF43Y
5 inch	WF50B
7 inch	WF70B, WF70G, WF70A2, WF70Y
10.1 inch	WF101G, WF101F

The above USB Projected Capacitive Touch Screen TFT-LCD displays supports Mouse mode and Multi-Touch mode up to 10-finger touch (depends on TFT model); compatible with Windows, Linux, Android and Mac Operating System. More details, please check below:

Interface	Windows	Android (Kernel 2.6.32 ~)	Linux (Kernel 2.6.32 ~)	MAC
USB (Mouse Mode)	Windows 7 (x86 / x64) Windows 8 (x86 / x64) Windows CE 5.0 Windows CE 6.0 R1 Windows CE 6.0 R2 Windows CE 6.0 R3 Windows CE 7.0 Embedded Windows 7 (x86 / x64)	Android 4.X	Ubuntu 10.04 up	V
USB (Multi-touch)	Windows 7 (x86 / x64) Windows 8 (x86 / x64)	Android 4.X	- Kernel supports Multi-touch - User needs to check if UI supports Multi-touch function	V