



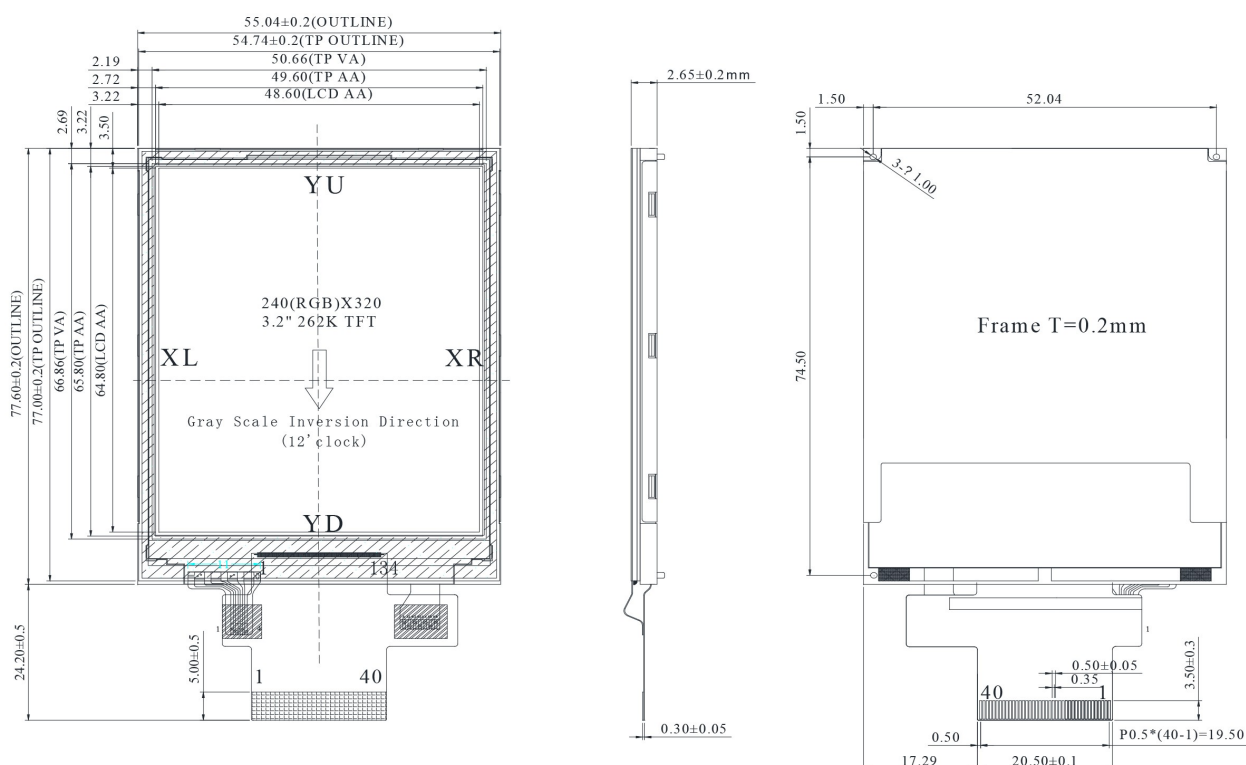
July, 2016

Product Introduction - 3.2 inch TFT WF32C

Winstar WF32C is a 3.2 inch diagonal full color 240x320 TFT LCD display module. This module is built in with ILI9341V IC; it supports 8/ 9/ 16/ 18-bit 8080-series interface and 3-wire or 4-wire SPI interface. WF32C model is having module dimension of 54.04 x 77.6 mm and Active area size of 48.6 x 64.8 mm; it integrated ILI9341V controller on module, logic voltage range from 2.5v to 3.3v; it allows direct connection to 3.3v processors.

This 3.2" TFT LCD module is portrait mode, if you would like to use it as landscape mode please contact with us for more technical support. WF32C TFT LCD module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. Below is the basic spec information for WF32C as reference.

Item-WF32C	Dimension
Size	3.2 inch
Dot Matrix	240x RGB x 320 (TFT)
Module dimension	54.04 x 77.6 x 2.65 mm
Active area	48.6 x 64.8 mm
LCD type	TFT, Normally White, Transmissive
View Direction	6 o'clock
Gray Scale Inversion Direction	12 o'clock
Backlight Type	LED, Normally White
Touch Panel	RTP option
Surface	Glare

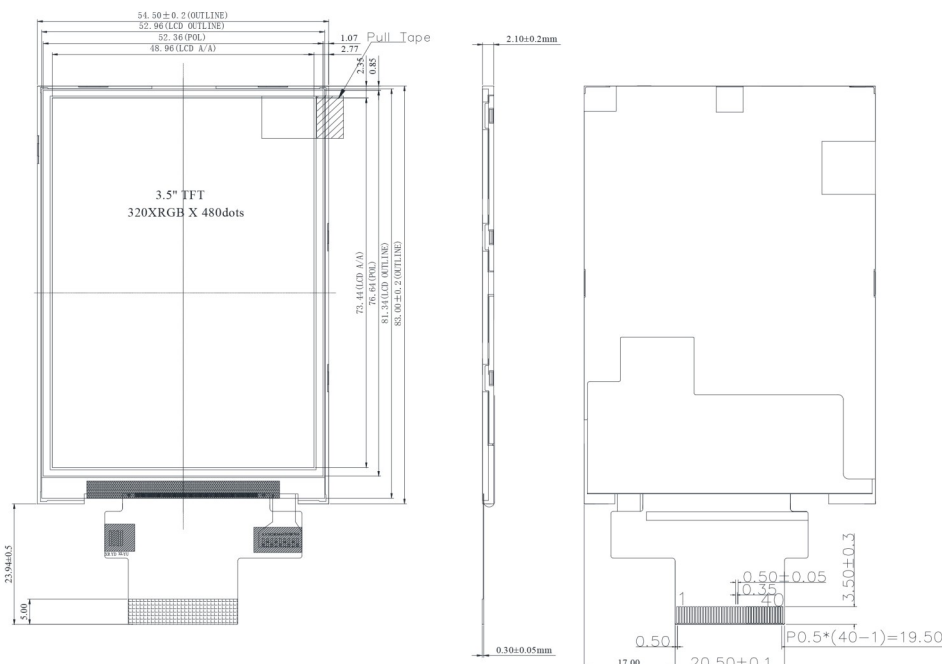


Product Introduction - 3.5 inch TFT WF35H

Winstar WF35H is a 3.5 inch diagonal full color 320x480 TFT LCD display module. This module is built in with ILI9488 IC; it supports 8/ 9/ 16/ 18/ 24-bit serial interface and 3-wire SPI interface. WF35H model is having module dimension of 54.5 x 83.0 mm and Active area size of 48.96 x 73.44 mm; it integrated ILI9488 IC on module, logic voltage range from 2.5v to 3.3v; it allows direct connection to 3.3v processors.

This 3.5" TFT LCD module is portrait mode, if you would need to use it as landscape mode please contact with us for more technical support. WF35H TFT LCD module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C. Below is the basic spec information for WF35H as reference.

Item-WF35H	Dimension
Size	3.5 inch
Dot Matrix	320 x RGBx 480 (TFT)
Module dimension	54.5 x 83.0 x 2.1 mm
Active area	48.96 x 73.44 mm
LCD type	TFT, Normally White, Transmissive
View Direction	6 o'clock
Gray Scale Inversion Direction	12 o'clock
Backlight Type	LED, Normally White
Touch Panel	RTP option (under development)
Surface	Anti-Glare



Product Introduction - COG Module WO240128B

WO240128B is a monochrome COG graphic LCD module made of 240x128 pixels, diagonal size 4.8 inch. This COG LCD Module WO240128B is built in with ST7586S controller IC; it supports 6800 8-bit, 8080 8-bit parallel and 3-line 9-bit /4-line 8-bit serial SPI interface. This COG WO240128B type is having the same Active Area dimension and View Area as COB WG240128B, but WO240128B is much thinner than WG240128B. If the customers require 4.8" thinner module for new design, the WO240128B is a good choice.

This WO240128B module can be operating at temperatures from -20°C to $+70^{\circ}\text{C}$; its storage temperatures range from -30°C to $+80^{\circ}\text{C}$. The WO240128B is available for different LCD mode options; STN Negative blue with white LED backlight, and FSTN positive white with white LED backlight. Please contact with us if you need different LCD type and LED combination.

Item-WO240128B	Dimension
Number of dots	240 x 128
Module dimension	122.2 x 79.8 x 6.5 mm
View area	114.0 x 64.0 mm
Active area	107.98 x 57.58 mm
Dot size	0.43 x 0.43 mm
Dot pitch	0.45 x 0.45 mm
LCD type (available)	STN Negative, Blue Transmissive FSTN Positive White, Transflective
Drive Method	1/128Duty , 1/12Bias
View direction	6 o'clock
Backlight Type	LED, White
IC	ST7586S
Interface	8080/6800 Paralle / SPI Serial

