

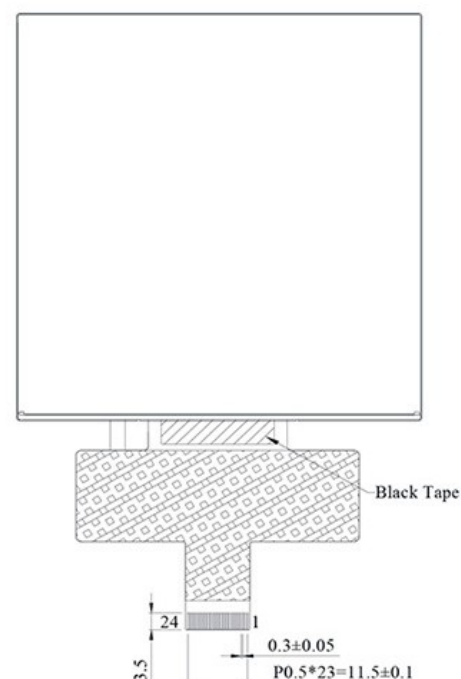
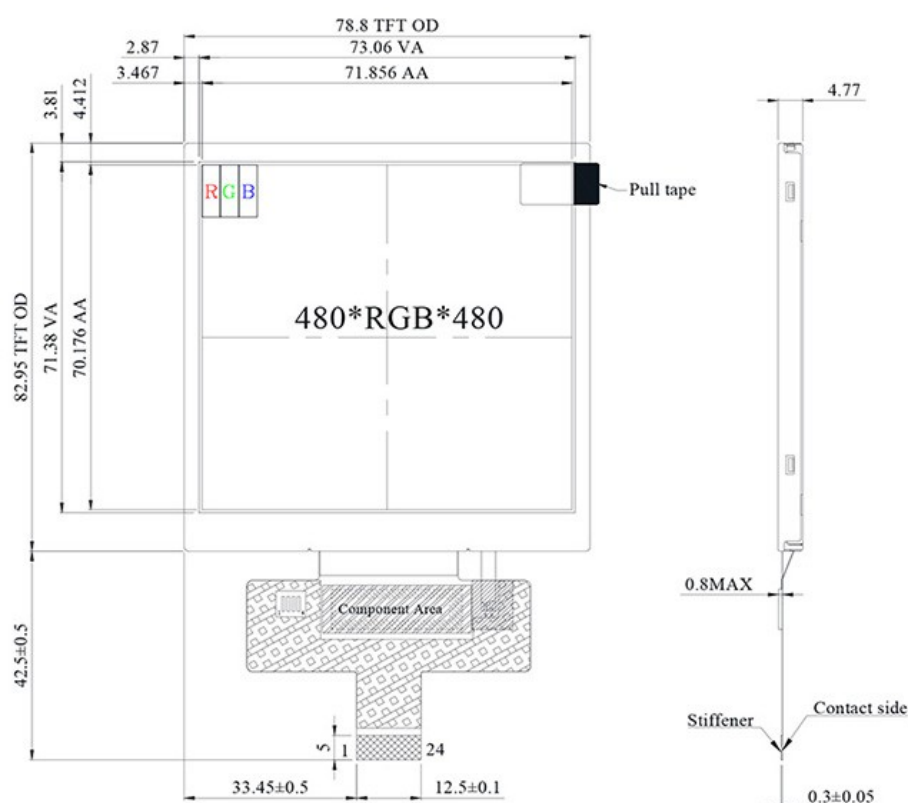
August 2020

4" Square IPS TFT MIPI Interface WF40ETWAA6MNN0

WF40ETWAA6MNN0 is a 4 inch Square IPS TFT-LCD display module; made of resolution 480 x 480 pixels. WF40E module supports MIPI DSI Serial interface (2 lanes), it featured with IPS panel which is having the advantage of wider viewing angle of Left:80 / Right:80 / Up:80 / Down:80 degree (typical), contrast ratio 800:1 (typical value), brightness 500 nits (typical value), glare surface panel, aspect ration 1:1.

This 4 inch MIPI LCD display integrated driver IC ST7701S on module, the interface supply voltage range from 2.5V to 3.6V, typical value 2.8V. WF40E module can be operating at temperatures from -30°C to +80°C; its storage temperatures range from -30°C to +80°C.

WF40ETWAA6MNN0	Dimension
Size	4 inch
Dot Matrix	480×3(RGB)×480 dots
Module dimension	78.8(H)×82.95 (W)×4.77 mm
Active area	71.856(H)×70.176(V) mm
Dot pitch	0.1497(H)×0.1462(V) mm
LCD type	TFT, Normally Black, Transmissive
View Direction	80/80/80/80
Aspect Ratio	1:1
Interface	2-Lanes MIPI DSI
Driver IC	ST7701S
Backlight Type	LED, Normally White
Touch Panel	RTP/CTP under development
Surface	Glare



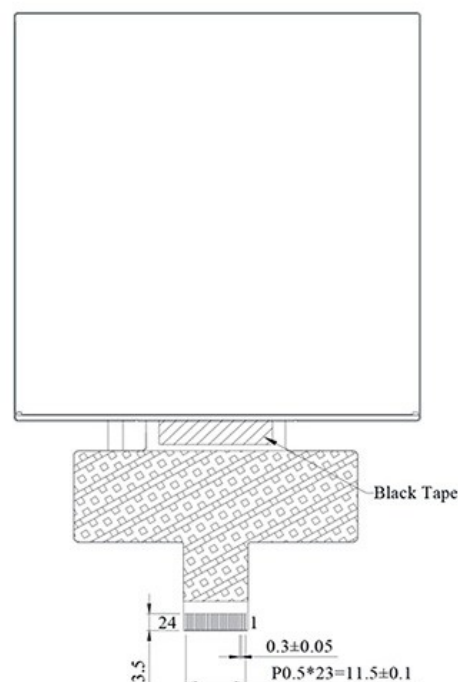
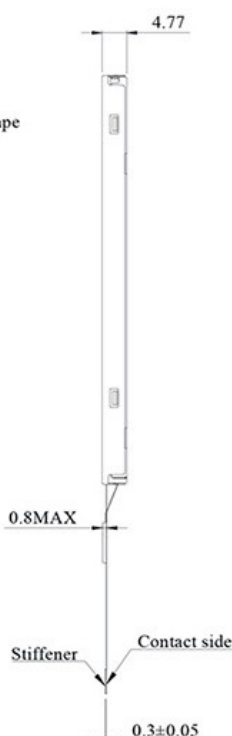
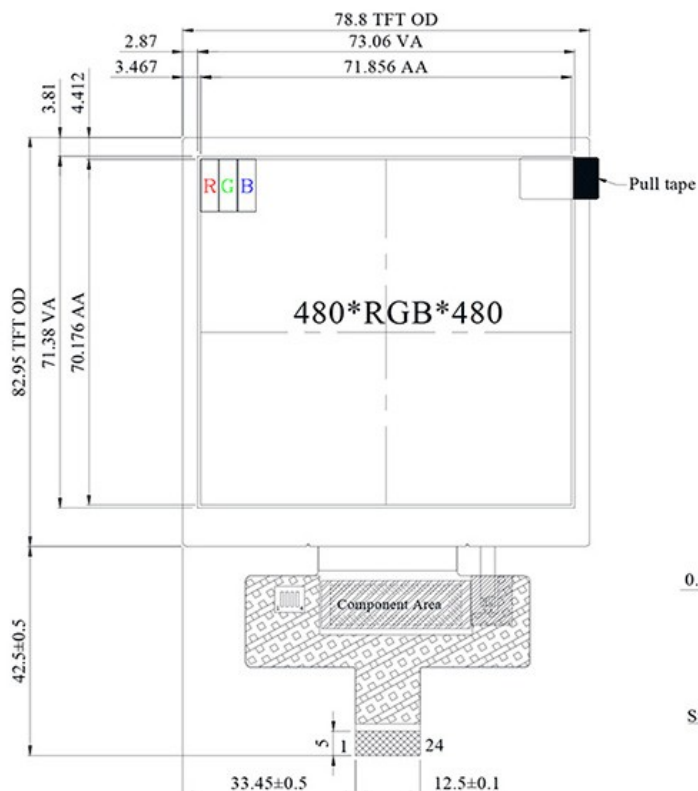
► [Link to Winstar WF40ETWAA6MNN0 web page](#)

High Brightness 4" Square IPS TFT MIPI WF40ESWAA6MNN0

WF40ESWAA6MNN0 is a High Brightness 4 inch Square IPS TFT-LCD module; made of resolution 480 x 480 pixels. WF40E module supports MIPI DSI Serial interface (2 lanes), it featured with IPS panel which is having the advantage of wider viewing angle of Left:80 / Right:80 / Up:80 / Down:80 degree (typical), contrast ratio 800:1 (typical value), high brightness 1000 nits (typical value), glare surface panel, aspect Ratio 1:1.

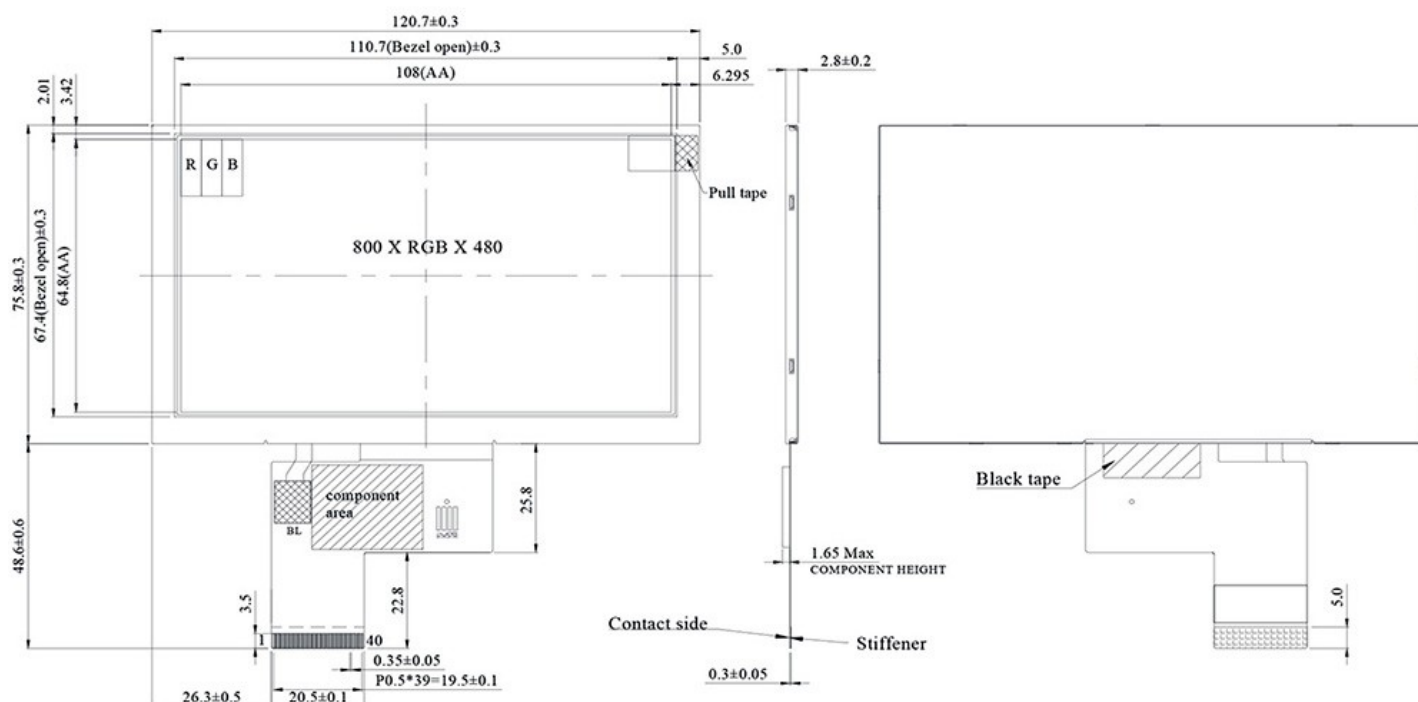
WF40ESWAA6MNN0 module is integrated driver IC ST7701S on module, the interface supply voltage range from 2.5V to 3.6V, typical value 2.8V. WF40E module can be operating at temperatures from -30°C to +80°C; its storage temperatures range from -30°C to +80°C.

WF40ESWAA6MNN0	Dimension
Size	4 inch
Dot Matrix	480×3(RGB)×480 dots
Module dimension	78.8(H)×82.95(W)×4.77 mm
Active area	71.856(H)×70.176 (V) mm
Dot pitch	0.1497(H)×0.1462(V) mm
LCD type	TFT, Normally Black, Transmissive
View Direction	80/80/80/80
Aspect Ratio	1:1
Interface	2-Lanes MIPI DSI
Driver IC	ST7701S
Backlight Type	LED, Normally White
Touch Panel	RTP/CTP under development
Surface	Glare



This 5" IPS TFT has a wider viewing angle than TN TFT, the view angle is Left:80 / Right:80 / Up:80 / Down:80 degree (typical value). The power voltage of WF50F model is from 3.1 to 3.6V, typical value 3.3V, aspect ratio 16:9, normally black, transmissive LCD type, anti-glare surface glass. It can be operating at temperatures from -30°C to +80°C and storage temperatures from -30°C to +80°C. WF50F have Resistive Touch Panel and Projected Capacitive Touch Panel for optional.

WF50FTWAGLNN0	Dimension
Size	5 inch
Dot Matrix	800×3(RGB)×480 dots
Module dimension	120.7(W)×75.8(H)×2.8mm
Active area	108(W)×64.8(H) mm
Dot pitch	0.135(W)×0.135(H) mm
LCD type	TFT, Normally Black, Transmissive
View Direction	80/80/80/80
Aspect Ratio	16:9
Driver IC	ST7262 or equivalent
Interface	LVDS
Backlight Type	LED, Normally White
Touch Panel	RTP/PCAP options
Surface	Anti-Glare

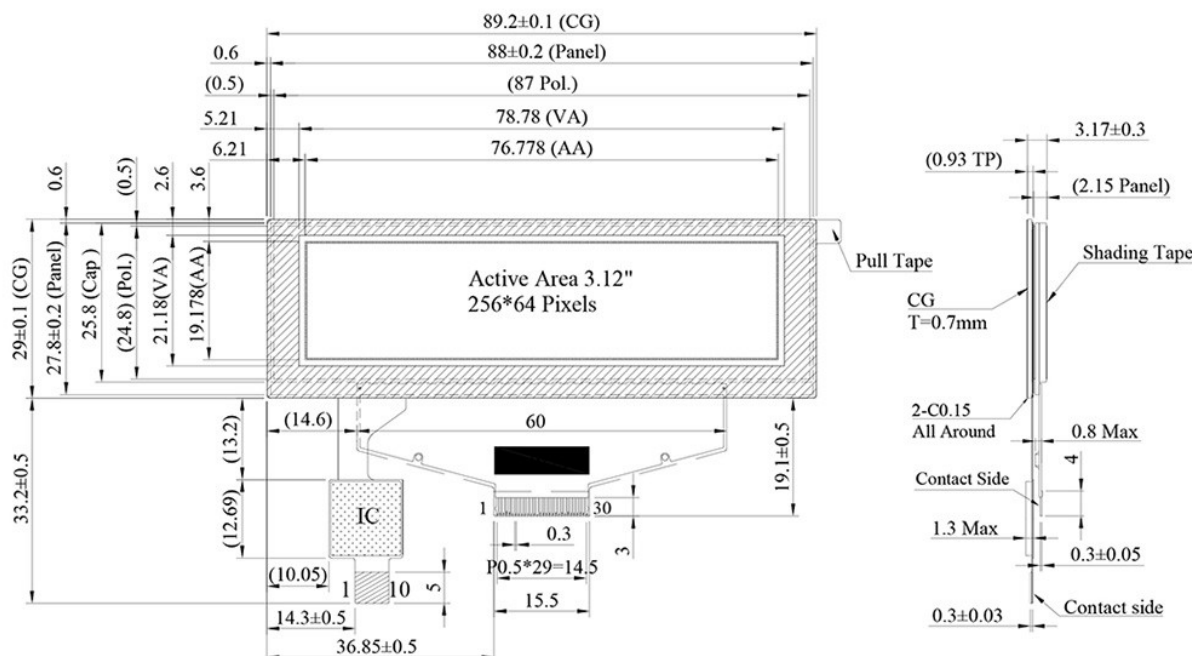


3.12 inch COF OLED WEX025664B with CTP Touch Screen

WEX025664B-CTP is a 3.12 inch COF structure Graphic OLED display with Capacitive Touch Panel on module; which is made of resolution 256x64 dots. This module is built in with COF SSD1322 IC, it can be communicated via 6800/8080 8-bit parallel and SPI interface; it supports 4-bits grayscale, supply voltage for logic is from 2.8V to 3.3V, typical value 3.0V, supply voltage for display 14.5V, 1/64 driving duty. This WEX025664B-CTP model adopted FT6336U as touch panel IC on module, which supports I2C interface, one Detect Point for CTP. Please note, this WEX025664B-CTP module is metal frame optional.

This 3.12" WEX025664B with CTP model is ideal for smart home applications, intelligent technology devices, meter devices, industrial control system, medical instrument, etc. This module can be operating at temperatures from -20°C to +70°C; its storage temperatures range from -30°C to +80°C.

WEX025664B-CTP	Dimension
Dot Matrix	256×64 dots
Module dimension	89.2×29.0×3.17 mm
Active Area	76.778×19.178 mm
Pixel Size	0.278×0.278 mm
Pixel Pitch	0.3×0.3 mm
Display Mode	Passive Matrix OLED
Display Color	Monochrome (White / Yellow / Sky Blue / Green)
Drive Duty	1/64 Duty
Gray Scale	4 bits
OLED IC	SSD1322 (COF)
OLED Interface	6800, 8080, SPI
Size	3.12 inch
CTP IC	FT6336U
Detect Point	1
CTP Interface	I2C
Surface	Glare



1.54 inch COG OLED WEO012864A with CTP Touch Screen

WEO012864A-CTP is a 1.54 inch COG structure Graphic OLED display with Capacitive Touch Panel on module; which is made of resolution 128x64 dots. This module is built in with SSD1309 IC, it can be communicated via 6800/8080 8-bit parallel, 4-wire SPI and I2C interface; supply voltage for logic is from 2.8V to 3.3V, typical value 3.0V, supply voltage for display 12.5V, 1/64 driving duty. This WEO012864A-CTP model adopted MSG22S as touch panel IC on module, which supports I2C interface, one Detect Point for CTP.

WEO012864A with CTP model is ideal for smart home applications, intelligent technology devices, meter devices, industrial control system, medical instrument, etc. This module can be operating at temperatures from -10°C to +60°C; its storage temperatures range from -20°C to +70°C.

WEO012864A-CTP	Dimension
Dot Matrix	128×64
Module dimension	43.04×28.22×3.01 mm
Active Area	35.05×17.51 mm
Pixel Size	0.249×0.249 mm
Pixel Pitch	0.274×0.274 mm
Display Mode	Passive Matrix OLED
Display Color	Monochrome (White / Yellow / Green)
Drive Duty	1/64 Duty
OLED IC	SSD1309
OLED Interface	6800,8080,4-wire SPI,I2C
Size	1.54 inch
CTP IC	MSG22S
Detect Point	1
CTP Interface	I2C
Surface	Normal Glare

