

/NEWS

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	
	4 inch	*** WINSTAR
	480×3(RGB)×480 dots	USD pcs
Module dimension	78.8(H)×82.95 (W)×4.77 mm	TWD 250
Active area	71.856(H)×70.176(V) mm	JPY
	0.1497(H)×0.1462(V) mm	KRW value 5000
LCD type	TFT, Normally Black, Transmissive	CNA 2000K
View Direction	80/80/80/80	
Aspect Ratio	1:1	MG UV IR AUTO MIX
Interface	2-Lanes MIPI DSI	AND DESCRIPTION OF THE PERSON
Driver IC	ST7701S	
Backlight Type	LED, Normally White	· Imp
Touch Panel	RTP/CTP under development	(Rotts)
Surface	Glare	*****
RS 71 38 VA 70.176 AA 48 68 68 68 68 68 68 68 68 68 68 68 68 68	D*RGB*480	
42.5±0.5	Stiffener	tact side

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 $+80^{\circ}$ C; its

storage temperatures range from -30° C to $+80^{\circ}$ C.

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AA6MNN0	Dimension	- 5	*** WIN	STAR
	4 inch		Specific Growity	Density Temperature
4 inch Matrix 480×3(RGB)×480 dots			1 1220	20.5
nension 78.8(H)×82.95(W)×4.77 mm			1.1326	20.5∞
	71.856(H)×70.176 (V) mm		Density	Demity Condition
	0.1497(H)×0.1462(V) mm		0.7269	valid
TFT, Normally Black, Transmissive		ssive	U. 1308	valid
on	80/80/80		Ф	
	1:1 Menu		Menu Settin	g Start
Interface 2-Lanes MIPI DS		- 1	#FEMORIES TO S	
r IC ST7701S				
Backlight Type LED, Normally Whi			- 1111	Section 2
	RTP/CTP under development			
	Glare			*3F10
RGB 48	Pull tape $80*RGB*480$			
	Component Area	Contact side		Black
	ension on RGB 48	4 inch 480×3(RGB)×480 dots 78.8(H)×82.95(W)×4.77 mm 71.856(H)×70.176 (V) mm 0.1497(H)×0.1462(V) mm TFT, Normally Black, Transmi on 80/80/80/80 1:1 2-Lanes MIPI DSI ST7701S LED, Normally White RTP/CTP under development Glare 78.8 TFT OD 73.06 VA 71.856 AA RGB 480*RGB*480	4 inch 480×3(RGB)×480 dots 78.8(H)×82.95(W)×4.77 mm 71.856(H)×70.176 (V) mm 0.1497(H)×0.1462(V) mm TFT, Normally Black, Transmissive on 80/80/80/80 1:1 2-Lanes MIPI DSI ST7701S pe LED, Normally White RTP/CTP under development Glare 78.8 TFT OD 73.06 VA 71.856 AA 4.77	4 inch 480×3(RGB)×480 dots 78.8(H)×82.95(W)×4.77 mm 71.856(H)×70.176 (V) mm 0.1497(H)×0.1462(V) mm TFT, Normally Black, Transmissive 80/80/80/80 1:1 2-Lanes MIPI DSI ST7701S pe LED, Normally White RTP/CTP under development Glare 78.8 IFT OD 73.06 VA 71.856 AA 4.77



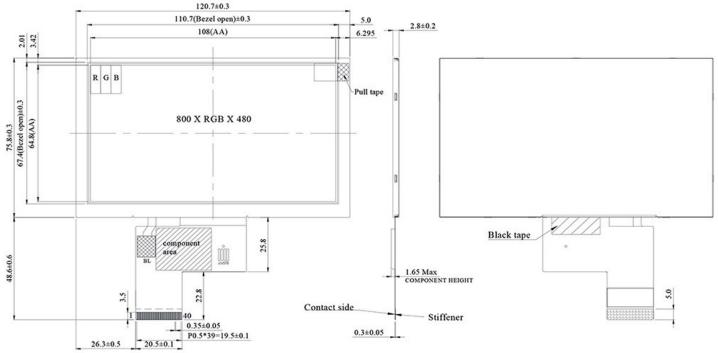
5 inch LVDS IPS TFT-LCD WF50FTWAGLNN0

WF50FTWAGLNN0 is a 5 inch IPS landscape mode TFT LCD module, with resolution 800x480 pixels. WF50FTWAGLNN0 module is built in with ST7262 driver IC; this module supports LVDS interface (Default VESA), contrast ratio 1,000:1 (typical value), brightness 500 nits (typical value). If customers require RGB interface, please choose WF50FTWAGDNN0.

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







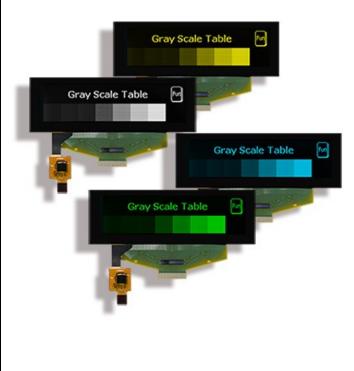
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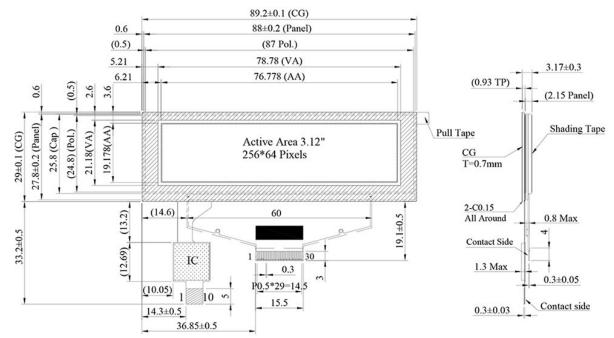
3.12 inch COF OLED WEX025664B with CTP Touch Screen

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





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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
D: 1 C 1	Monochrome
Display Color	(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



