

Jan. 2021



Notice: Shipping Arrangement before Lunar New Year Holiday

Winstar Display Taiwan HQs, branches and China facilities will be closed from February 10 thru February 16, 2021 for Lunar New Year Holiday. We will resume working on February 17, 2021. Please note the below shipping date before and after the holiday. Please work with our Winstar sales persons closely before the holiday if your shipment might be affected. Thank you.

Below is the last shipping date and the first shipping date for this period as reference. We hope the lunar new year of 2021 (Year of the Ox) ahead bring you Happiness, Joy & Prosperity. May we all be safe, healthy, and happy in year of 2021.

Shipping From China:

- Last shipping date: February 8, 2021
- First shipping date: February 18, 2021

Shipping From Taiwan:

- Last shipping date: February 8, 2021
- First shipping date: February 17, 2021

Winstar Received 2021 Taiwan Excellence Award

We are proud to announce that Winstar Display Co. received 2021 Taiwan Excellence Award from Taiwan government institution. The Taiwan Excellence is an award that is delivered by the Ministry of Economic Affairs and Taiwan External Trade Development Council (TAITRA) to encourage Taiwan industries to upgrade and incorporate Innovaues into their products. Winstar OLED products received 7 times of Taiwan Excellence Awards, that's making us the best PMOLED manufacturer in Taiwan which has won this award for seven times in a row.

Winstar Narrow Border Micro OLED 0.71" WEO004864A rewarded as 2021 Taiwan Excellence product, it is a powerful product featuring all the OLED superior properties, this Micro OLED has significant superiority over other displays. Taiwan Excellence is the highest accolade awarded to products that encapsulate Innovaues. This Award selection is based on four different criteria: R&D, Design, Quality, and Marketing. Winstar Display OLED products are innovative and superior in terms of performance, quality, and design; and our OLED products that have been honored with the year of 2011, 2012, 2014, 2017, 2018, 2019 and 2021 Taiwan Excellence Award. These Awards are the greatest testimony to our product development, design ability, and business performance of Winstar Display products. We care about details. A good design is a combination of detailing. We believe technology should adapt to people's needs, not the other way around. Welcome to contact us or check our website for more details.

► [Link to Winstar WEO004864A web page](#)



0.71" 48x64 dots
WEO004864A

「窄邊框超薄微型 OLED 顯示器」
Narrow Border Micro OLED

台灣精品 2021
TAIWAN EXCELLENCE

Applications

- ✓ Wearable device
- ✓ Portable device
- ✓ Personal care appliance
- ✓ Voice recorder pen
- ✓ Health device



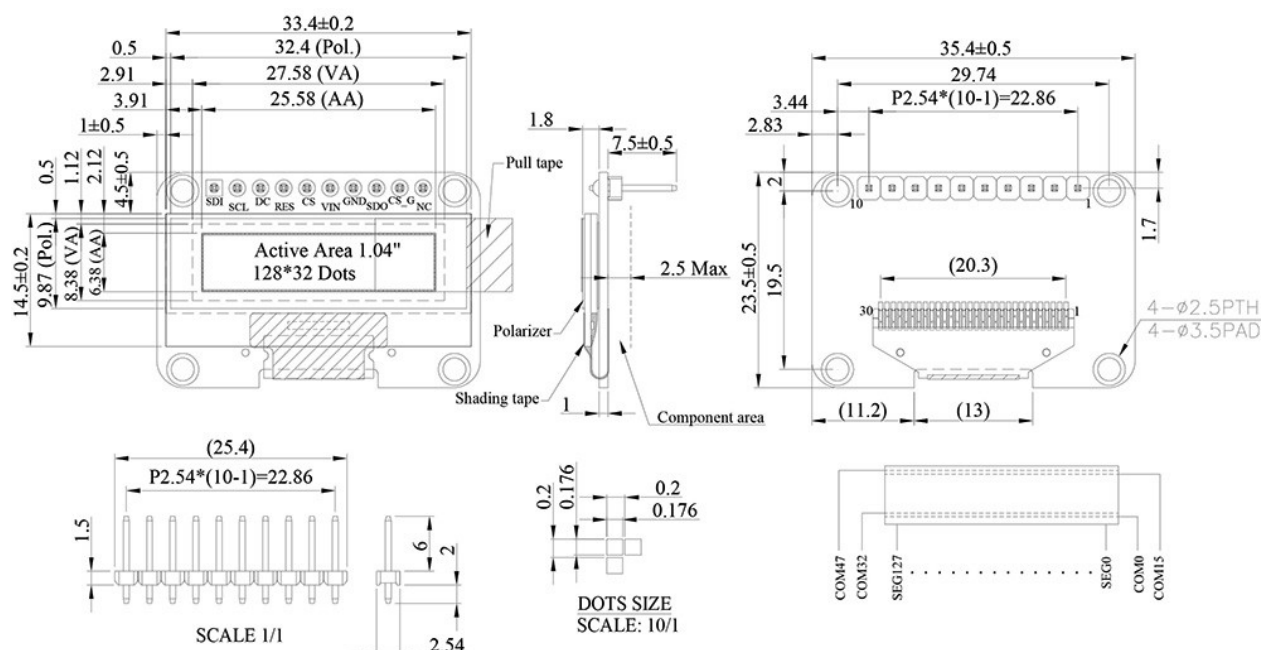


1.04 “ COG Graphic OLED WEA012832E with PCB

WEA012832E is a COG Graphic with PCB OLED module, which is made of resolution 128x32 pixels, diagonal size 1.04 inch. This PCB board with four mounting holes is an easy method for customers to fix modules on their applications. WEA012832E OLED module is built in with SSD1306 driver IC; it supports 4-wire SPI interface; it also integrated with a Font IC of GT21L16T1W (traditional Chinese) or GT21L16S2W (simplified Chinese). The GT21L16T1W is a 15x16 dots fonts chip; it supports Chinese standard GB12345 traditional Chinese character set, BIG5 traditional Chinese character basic set, Japanese standard JIS0208 Japanese character set (compatible with Unicode), and a total of 150 countries' character. The GT21L16S2W Font IC is a 15x16 dots fonts chip; it supports Chinese standard GB2312 and ASCII code. The supply voltage for logic of WEA012832E is 3V or 5V, driving duty 1/32, the display with 50% Check board current is 20 mA @ VIN 3.3V (typical value).

This OLED module is suitable for smart home application, medical device, smart control and etc. WEA012832E module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +85°C.

WEA012832E	Dimension
Dot Matrix	128 x 32 Dots
Module dimension	35.4 × 23.5 × 1.8 mm
Active Area	25.58 × 6.38 mm
Pixel Size	0.176 × 0.176 mm
Pixel Pitch	0.200 × 0.200 mm
Display Mode	Passive Matrix OLED
Display Color	White/Yellow
Drive Duty	1/32 Duty
IC	SSD1306
Font IC	GT21L16T1W or GT21L16S2W
Interface	SPI
Size	1.04 inch



7" High Brightness IPS TFT WF70A9SWAGDNB0 with PCAP

WF70A9SWAGDNB0 is a High Brightness 7 inch IPS Wide Temperature TFT-LCD display with Projected Capacitive Touch screen, made of resolution 800x480 pixels. This module is built in with HX8249-A and HX8678-C driver ICs, it supports 24-bit RGB interface. WF70A9SWAGDNB0 is adopted IPS panel which is having the advantage of wider view angle of Left:80 / Right:80 / Up:80 / Down:80 degree (typical), contrast ratio 1000:1 (typical value), high brightness 800 nits (typical value), glare surface panel, aspect ratio 15:9. The PCAP touch screen is built in with ILI2511 IC which supports USB interface (also available for I2C) and multi touch function.

The supply voltage (VCC) of WF70A9SWAGDNB0 is from 2.7V to 3.6V, typical value 3.3V. It can be operating at temperatures from -30°C to +80°C and storage temperatures from -30°C to +80°C.

WF70A9SWAGDNB0	Dimension
Size	7 inch
Dot Matrix	800 x RGB x 480(TFT)
Module dimension	165.8 (W) x 106.61 (H) x 8.9(D)mm
Active area	152.40 x 91.44 mm
Pixel pitch	0.1905 x 0.1905 mm
LCD type	TFT, Normally Black, Transmissive
View Direction	80/80/80/80
TFT Interface	24-bit RGB
TFT Driver IC	HX8249-A + HX8678-C or Equivalent
Aspect Ratio	15:9
Backlight Type	LED, Normally White
PCAP IC	ILI2511 or equivalent
PCAP Interface	USB (I2C available)
PCAP FW Version:	6.0.0.0.0.0.1
Touch Panel	With PCAP
Surface	Glare

