

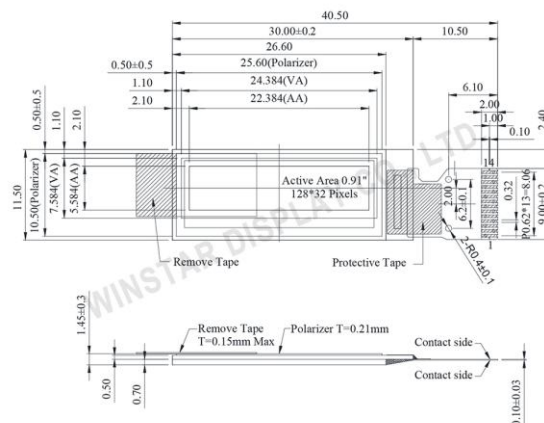
0.91 inch OLED WEO012832F

Winstar WEO012832F is a popular small OLED display which is made of 128x32 pixels, diagonal size 0.91 inches; it's very suitable for wearable device. The WEO012832F has the same mechanical dimension as WEO012832D but having different pin assignment but supports different interface. WEO012832F module is built in with SSD1306BZ controller IC; it supports I2C interface and having 14 pins FPC pin out. As to the WEO012832D module is also built in with SSD1306BZ IC but it communicates via SPI interface and having 15 pins FPC pin out. The standard emitting colors for WEO012832F are available in white, sky blue and yellow.

WEO012832F is a COG structure OLED display, its controller is built-in voltage generation only need a single 3V power supply. This OLED module is lightweight, low power and small, this COG module is suitable for wall / meter devices, home applications, POS system, Cloud/IoT system, handheld instruments, intelligent technology devices, energy systems, automotive, communication systems, medical instrument, wearable device, etc. WEO012832F OLED module can be operating at temperatures from -40°C to +80°C; its storage temperatures range from -40°C to +80°C.



Item – WEO012832F	Dimensions	Unit
Size	0.91	inch
Dot Matrix	128 X 32 Dots	-
Module Dimensions	30.0 × 11.5 × 1.45	mm
Active Area	22.384 × 5.584	mm
Pixel Size	0.152 × 0.152	mm
Pixel Pitch	0.175 × 0.175	mm
Display Mode	Passive Matrix	-
Display Colour	Available colour: White / Yellow / Sky Blue	-
Drive Duty	1/32 Duty	-
IC	SSD1306BZ	
Interface	I2C	



Datasheets and additional information can be found on: <http://www.winstar.com.tw>