



AL12832A

1. Features

- ◆ Display Type: OLED 0.91" .
- ◆ 3V~5V POWER SUPPLY.
- ◆ 1/32 DUTY CYCLE.
- ◆ Single Power / Built in DC to DC Converter for OEL Panel
- ◆ High Contrast/ High Brightness/ Wide View Angle.



2.General Specification

Display Specifications:
Display Mode: Passive Matrix.
Display Color: Monochrome.
Drive Duty: 1/32Duty.
Number of Pixels: 128x32.
Pixel Pitch: 0.175 x 0.175 (mm).
Pixel Size: 0.159 x 0.159 (mm).
View Angle: >160 Degree.

Electrical Characteristic:
Supply Voltage: 3.0~5.0V.
Single Voltage Control Display Module.
Build-in DC to DC Power Supply to Drive OLED.
Driver IC: SSD1306.
Interface: I2C INTERFACE.

3. Pin Assignment

PIN	Symbol	Function
1	GND	Ground for System.
2	VDD	Power Supply for Core VDD.
3	RES#	Power Reset for Controller and Drive.
4	SCL	I2C bus clock signal..
5	SDA	I2C bus data signal.

Mechanical Dimensions :
Module size: 42.0 x 16.0 x 5.0mm.
Window Size: 24.384×7.584mm.
Active Area: 22.384×5.584mm.
Assembly Easy&Removable & Flexible.

4.EXTERNAL DIMENSIONS

