



AL12832B



1.Features

- ◆ Display Type: OLED 2.23"
- ◆ High Contrast/ High Brightness/ Wide View Angle
- ◆ Single Power / Built in DC to DC Converter for OEL Panel
- ◆ Plastic Cover for Assembly easily

2.General Specification

Display Specifications:	
Display Mode:	Passive Matrix
Display Color:	Monochrome
Drive Duty:	1/32 Duty
Number of Pixels:	128 x 32
Pixel Pitch:	0.43 x 0.41 (mm)
Pixel Size:	0.41 x 0.39 (mm)
View Angle:	>160 Degree

Electrical Characteristic:	
Supply Voltage:	3.3 or 5.0V
Single Voltage Control Display Module	
Build-in DC to DC Power Supply to Drive OLED	
Driver IC:	SSD1309
Interface:	8-bit 68xx/80xx/ Parallel, 4-wire SPI, I2C

3. Pin Assignment

PIN	Symbol	Function
1	VSS	Ground for System
2	VDD	Power Supply for Core VDD
3	NC	No Connection
4	D/C#	Data/Common Control
5	BS1	Communication Protocol Select
6	BS2	
7	CS#	Chip Select
8	RD#(E)	Read or Read / Write Enable
9	W/R#(R/W)	Write or Read / Write Select
10~17	D0-D7	Host Data Input/Output Bus
18	RES#	Power Reset for Controller and Driver
19	NC	No Connection
20	VSS	Ground for System

Mechanical Dimensions:	
Dimensions:	84.0*44.0*8.5
Window Size:	57.02*15.1
Active Area:	55.02*13.1
Assembly	Easy&Removable & Flexible

	BS1	BS2
I ² C	1	0
4-Wire SPI	0	0
8-bit 68xx Parallel	0	1
8-bit 80xx Parallel	1	1

4.EXTERNAL DIMENSIONS

