

Feature

1. OLED Display 256 x 64 dots
2. Built-in controller SSD1322
3. +2.4~ +3.5V single power supply
4. 1/64 duty cycle
5. Color: Monochrome with 16 Gray Scales (Green)
6. Interface: Parallel, 3-/4-wire SPI



Mechanical Data

Item	Standard Value	Unit
Module Dimension	146.0 x 65.0	mm
Active Area	135.65 x 33.89	mm
Dot Size	0.50 x 0.50	mm
Dot Pitch	0.53 x 0.53	mm

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd=+2.8V	2.8	V
Supply Current	Idd	Vdd=+2.8V	64	mA
Life Time		60 cd/m ²	50,000	hrs

Pin Assignment

Pin	Symbol	Function	Pin	Symbol	Function
1	N.C. (GND)	Reserved Pin(Supporting Pin)	20	RES#	Power Reset for Controller and Driver
2	VSS	Ground of Logic Circuit	21	FR	Frame Frequency Triggering Signal
3	VCC	Power Supply for OEL Panel	22	IREF	Current Reference for Brightness Adjustment
4	VCOMH	Voltage Output High Level for COM Signal	23	N.C.	Reserved Pin
5	VLSS	Ground of Analog Circuit	24	VDDIO	Power Supply for I/P Pin
6~13	D7~D0	Host Data Input/Output Bus	25	VDD	Power Supply for Core Logic Circuit
14	E/RD#	Read/Write Enable or Read	26	VCI	Power Supply for Operation
15	R/W#	Read/Write Select or Write	27	VSL	Voltage Output Low Level for SEG Signal
16	BS0	Communicating Protocol Select	28	VLSS	Ground of Analog Circuit
17	BS1	Communicating Protocol Select	29	VCC	Power Supply for OEL Panel
18	D/C#	Data/Command Control	30	N.C (GND)	Reserved Pin(Supporting Pin)
19	CS#	Chip Select			

Dimension

