

BL12864I2

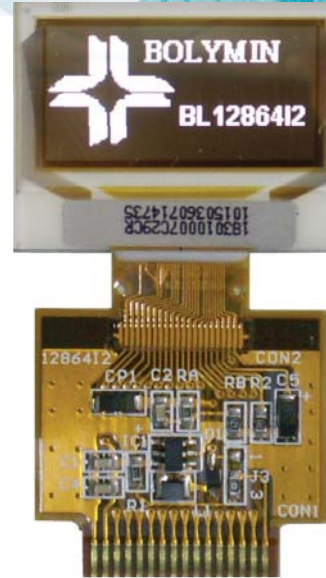


Feature

- 1.OLED Display 128 x 64 dots
- 2.Built-in controller SSD1305
- 3.+2.4~ +3.5V single power supply, with Built-in positive voltage
- 4.1/64 duty cycle
- 5.Color: white
- 6.Option: external positive voltage for LCD

Mechanical Data

Item	Standard Value	Unit
Module Dimension	28.22 x 21.63	mm
Viewing Area	23.02 x 11.5	mm
Dot Size	0.16 x 0.16	mm
Dot Pitch	0.18 x 0.18	mm



Pin Assignment

Pin	Symbol	Function
1	Vss	Ground
2	Vdd	Power supply for logic
3	CS	Chip select input
4	RES	Reset signal
5	D/C	Data/Command select
6	WR	Write signal
7	RD	Read signal
8	DB0	Data bus
9	DB1	Data bus
10	DB2	Data bus
11	DB3	Data bus
12	DB4	Data bus
13	DB5	Data bus
14	DB6	Data bus
15	DB7	Data bus
16	DISPOFF/Vcc	Display OFF/power supply for LCD

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	52.5	mA
Life Time		200 cd/m ²	19,000	hrs

Dimension

