

BO12864L

Feature

1. COG package
2. Built-in controller ST7567
3. +3.3V single power supply
4. 1/65 duty cycle
5. On chip LCD booster
6. Option: LED edge B/L
7. SPI interface



Mechanical Data

Item	Standard Value	Unit
Module Dimension	62.8 x 49.0 x 5.3	mm
Viewing Area	57.6 x 36.7	mm
Dot Size	0.39 x 0.47	mm
Dot Pitch	0.42 x 0.50	mm

Pin Assignment

Pin	Symbol	Description
1	NC	Not used
2	NC	Not used
3	CSB	Chip select input pin
4	RSTB	Hardware reset input pin
5	A0	It determines whether the access is related to data or command.
6	SCL	Serial clock input.
7	SDA	Serial data input.
8	VDD	Power supply.
9	VSS	Ground
10	V0	LCD driving voltage for common circuits at negative frame.
11	XV0	LCD driving voltage for common circuits at positive frame.
12	VG	LCD driving voltage for segment circuits.
13	NC	Not used.
14	NC	Not used.
15	LEDA	Backlight anode.
16	LEDK	Backlight cathode.

Electronic Characteristics

Item	Symbol	Condition	Value	Unit
Input Voltage	VDD		3.3	V
Supply Current	IDD	Vdd = +3.3V	1	mA
LCD Driving Voltage	V0-XV0	25°C	8.6	V
LED Forward Voltage (White)	Vf	25°C	12	V
LED Forward Current	If	25°C	20	mA

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Dimension

