

Part number list

BO12864L□□□□\$

Feature

1. Built-in controller ST7567
2. Built-in oscillation and voltage regulator
3. +3.3V single power supply
4. SPI interface

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.

Mechanical Data

Item	Standard Value	Unit
Module Dimension	62.8 x 49.0	mm
Active Area	53.73 x 31.97	mm
Dot Pitch	0.42 x 0.50	mm
Dot Size	0.39 x 0.47	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-V0	8.6	V

Mechanical Drawing

