

# BO12864H

## Feature

1. COG package
2. Built-in controller ST7565
3. +2.7~ +3.3V single power supply
4. 1/64 duty cycle
5. On chip LCD booster
6. Option: LED edge B/L, EL B/L
7. Serial or Parallel interface

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	34.0 x 28.72	mm
Viewing Area	29.58 x 17.98	mm
Dot Size	0.18 x 0.23	mm
Dot Pitch	0.20 x 0.25	mm



## Pin Assignment

Pin	Symbol	Function
1	VCC	Power supply for logic
2	GND	GND
3	/CS1	This is the chip select signal. Active Low
4	CS2	This is the chip select signal. Active High
5	/RES	Reset signal
6	A0	H: Indicates that D0 to D7 are display data. L: Indicates that D0 to D7 are control data..
7	RW/WR	6800 MPU interface :R/W signal 8080 MPU interface :WR signal
8	E/RD	6800 MPU interface :Enable signal 8080 MPU interface :RD signal
9~16	DB0~DB7	Data bus
17	C86	H: 6800 Series MPU interface. L: 8080 MPU interface.
18	P/S	P/S = "H": Parallel data input. P/S = "L": Serial data input.

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = 3.0V	3.3	V
Supply Current	Idd	Vdd = 3.0V	0.13	mA
LCD Driving Voltage	V <sub>LCD</sub>	25°C	9	V

## Dimension

