

# BO12864G

## Feature

1. COG package
2. Built-in controller ST7588T
3. +2.4~ +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. I2C interface



## Mechanical Data

Item	Standard Value	Unit
Module Dimension	76.0 x 50.0	mm
Viewing Area	72.0 x 39	mm
Dot Size	0.48 x 0.48	mm
Dot Pitch	0.52 x 0.52	mm

## Pin Assignment

Pin	Symbol	Function
1	Vo	LCD supply voltage
2	C4P	For voltage booster circuit capacitor connection pin for voltage converter
3	C2N	
4	C2P	
5	C1P	
6	C1N	
7	C5P	
8	C3P	
9	C3N	
10	VOOUT	
11	VDD	Power supply (+3.0V)
12	VSS	Ground
13	SDA	I2C input data
14	SCL	I2C input clock
15	/RESET	Reset : L=Enable H=Disable
16	NC	No connection

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd =3.0V	3.3	V
Supply Current	Idd	Vdd =3.0V	0.5	mA
LCD Driving Voltage	V <sub>LCD</sub>	25°C	9.2	V

## Dimension

