

# BO12864E2

## Feature

1. COG package
2. Built-in controller ST7565
3. +3.3V single power supply
4. 1/64 duty cycle
5. On chip LCD booster
6. Option: LED edge

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 54.0	mm
Viewing Area	70.7 x 38.8	mm
Dot Size	0.48 x 0.48	mm
Dot Pitch	0.52 x 0.52	mm



## Pin Assignment

Pin	Symbol	Pin	Symbol
1	/CS1	20	CAP1-
2	/RES	21	CAP2-
3	A0	22	CAP2+
4	/WR(R/W)	23	CAP4-
5	/RD(E)	24	VRS
6~13	D0~D7	25~29	V1~V5
14	Vdd	30	VR
15	VSS	31	C86
16	VOUT	32	P/S
17	CAP5-	33	/HPM
18	CAP3-	34	IRS
19	CAP1+		

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	0.5	mA
LCD Driving Voltage	V <sub>LCD</sub>	25°C	9	V

## Dimension

