

BO12864K

Feature

1. COG package
2. Built-in controller ST7565R
3. +3.3V power supply
4. 1/65 duty cycle
5. On chip LCD booster
6. Backlight: LED White



Mechanical Data

Item	Standard Value	Unit
Module Dimension	55.2 x 39.8	mm
Viewing Area	45.2 x 27.0	mm
Dot Size	0.28 x 0.34	mm
Dot Pitch	0.32 x 0.38	mm

Pin Assignment

Pin	Symbol	Pin	Symbol
1	IRS	17	CAP3+
2	HPMB	18	CAP5+
3	P/S	19	VOUT
4	C86	20	VSS
5	VR	21	VDD
6~10	V0~V4	22~29	D7~D0
11	VRS	30	/RD(E)
12	CAP4+	31	/WR(R/W)
13	CAP2-	32	A0
14	CAP2+	33	/RST
15	CAP1+	34	/CS1B
16	CAP1-		

Electronic Characteristics

Item	Symbol	Condition	Typ.	Unit
Input Voltage	Vdd	Vdd=+3.3V	3.3	V
Supply Current	Idd	Vdd=+3.3V	1.0	mA
LCD Driving Voltage	Vdd-Vo	25°C	9.6	V
LED Forward Voltage	Vf	25°C	3.0	V
LED Forward Current	If	25°C	45	mA

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Dimension

