

### Part number list

BO12864E□□□□\$

### Feature

1. Built-in controller ST7565P
2. Built-in oscillation and voltage regulator
3. +3.3V single power supply
4. 6800 / 8080 / SPI interface

### Pin Assignment

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

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 54.0	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.52 x 0.52	mm
Dot Size	0.48 x 0.48	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-VO	9.0	V

### Mechanical Drawing

