

Part number list

BO12864E2□□□□\$

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
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+		

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

