

Part number list

BO12864E5□□□□\$

Feature

1. Built-in controller ST7567S
2. Built-in oscillation and voltage regulator
3. +3.3V single power supply
4. 6800 / 8080 / SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	/CS1	Chip select input pin
2	/RES	hardware reset input pin
3	A0	H: Instruction code, L: Data code
4	/WR(RW)	R/W or /WR
5	/RD(E)	E or /RD
6~13	D0~D7	Data bus line
14	VDD	Power supply pin for logic
15	VSS	Ground
16~18	NC	No connection
19	V0	For common circuits at negative frame
20	XV0	For common circuits at positive frame
21~24	NC	No connection
25	VG	LCD driving voltage for segment circuits
26~30	NC	No connection
31	C86	MPU interface selection pin
32	PSB	Interface selection
33	SI2	Selects the interface type
34	NC	No connection

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

Mechanical Drawing

