

Part number list

BO12864H□□□□\$

Feature

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

Pin Assignment

Pin	Symbol	Function
1	VCC	Power supply for logic
2	GND	GND
3	/CS1	This is the chip select signal. Active Low
4	CS2	This is the chip select signal. Active High
5	/RES	Reset signal
6	A0	H: Indicates that D0 to D7 are display data. L: Indicates that D0 to D7 are control data..
7	RW/WR	6800 MPU interface :R/W signal 8080 MPU interface :WR signal
8	E/RD	6800 MPU interface :Enable signal 8080 MPU interface :RD signal
9~16	DB0~DB7	Data bus
17	C86	H: 6800 Series MPU interface. L: 8080 MPU interface.
18	P/S	P/S = "H": Parallel data input. P/S = "L": Serial data input.

Mechanical Data

Item	Standard Value	Unit
Module Dimension	38.0 x 29.8	mm
Active Area	25.58 x 15.98	mm
Dot Pitch	0.20 x 0.25	mm
Dot Size	0.18 x 0.23	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	9.0	V

Mechanical Drawing

