

Part number list

BO12864M□□□□\$

Feature

1. Built-in controller UC1601
2. Built-in voltage booster
3. +3.3V power supply
4. 6800/8080/SPI/I2C interface

Pin Assignment

Pin No.	Symbol	Description
1~4	NC	No connection
5	VLCD	Power supply voltage for LCD
6	VB0+	DC/DC voltage converter
7	VB0-	DC/DC voltage converter
8	VB1-	DC/DC voltage converter
9	VB1+	DC/DC voltage converter
10	VSS	Power supply ground
11	VDD	Power supply voltage
12	BM1	Interface selection: "00":SPI mode, "10":8080 mode, "11":6800 mode
13	BM0	
14~21	D7~D0	Data bus line
22	WR1	8080 family:Read signal, 6800 family:Enable clock
23	WR0	8080 family:Write signal, 6800 family:Read/Write signal
24	CD	Data/Instruction select signal
25	/RST	Reset signal
26	/CS0	Chip select input pins
27~30	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	56.6 x 44.2	mm
Active Area	46.56 x 27.68	mm
Dot Pitch	0.36 x 0.43	mm
Dot Size	0.33 x 0.40	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	VLCD	9.5	V

Mechanical Drawing

