

Part number list

WG12864J5-□□□-□□#

BG12864B□□□□\$

SG12864E□□□-□□-□□-□

Feature

1. Built-in controller ST7920
2. Built-in oscillation and positive voltage
3. +5V single power supply
4. 6800 / SPI interface
5. Built-in Chinese font
6. (Option) +3V single power supply

Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	+ 5V(+3V option)
3	Vo	Contrast adjustment
4	RS	Register selection signal
5	R/W	Data read/write
6	E	H -> L Enable signal
7~14	DB0~7	Data bus line
15	A	Power supply for B/L (+)
16	K	Power supply for B/L (GND)
17	/RST	Reset LCD module
18	Vee	Positive voltage output

Mechanical Data

Item	Standard Value	Unit
Module Dimension	93.0 x 70.0	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	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	4.3	V

Mechanical Drawing

