

Part number list

WG12864B-□□□-□□#

BG12864E□□□□□\$

SG12864H□□□-□□-□□-□

Feature

1. Built-in controller NT7108 or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 6800 interface
5. (Option) +3V single power supply
6. (Option) Built-in Chinese font :WG12864S

Pin Assignment

Pin	Symbol	Function
1	Vdd	Power supply (+5V)
2	GND	Power supply(GND)
3	Vo	Contrast adjustment
4~11	DB0~7	Data bus line
12	/CS1	Chip select IC1
13	/CS2	Chip select IC2
14	/RST	Reset signal
15	R/W	Data read/write
16	D/I	Data / instruction
17	E	Enable signal
18	Vee	Negative voltage output
19	A	Power supply for B/L (+)
20	K	Power supply for B/L (GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	75.0 x 52.7	mm
Active Area	55.01 x 27.49	mm
Dot Pitch	0.43 x 0.43	mm
Dot Size	0.40 x 0.40	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	8.0	V

Mechanical Drawing

