

Part number list

WG12864E1-□□□-□□#

BG12864H□□□□\$

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

Pin Assignment

Pin	Symbol	Function
1	VSS	Ground
2	VDD	Supply voltage for logic
3	V0	Operating voltage for LCD
4	D/I	Data/ Instruction
5	R/W	Data read/write
6	E	Enable signal
7~14	DB0~7	Data bus line
15	CS1	Chip enable (segment 1 - 64)
16	CS2	Chip enable (segment 65 - 128)
17	/RST	Reset signal
18	VEE	Negative voltage output
19	A	Power supply for B/L(+)
20	K	Power supply for B/L(-)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	55.0 x 50.0	mm
Active Area	40.92 x 26.92	mm
Dot Pitch	0.32 x 0.39	mm
Dot Size	0.28 x 0.35	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V

Mechanical Drawing

