

### Part number list

WG12232C-□□□-□□□#

BG12232A1□□□□\$

SG12232M□□□-□□□-□□□-□

### Feature

1. Bulit-in controller SBN1661G or equivalent
2. Bulit-in oscillation
3. +5V single power supply
4. 6800 interface
5. (Option) +3V power supply with negative voltage

### Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	+ 5V(+3V option)
3	Vo	Contrast adjustment
4	Ao	H --> Data L --> Instruction
5	E1	Data latch for chip 1
6	E2	Data latch for chip2
7	NC	No connection
8	NC	No connection
9	R/W	H:read , L:write
10~17	DB0~7	Data bus line
18	/RES	Reset signal
19	A/Vee	Power supply for B/L (+)/ Negative voltage output
20	K	Power supply for B/L (GND)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	82.0 x 44.0	mm
Active Area	53.64 x 15.64	mm
Dot Pitch	0.44 x 0.49	mm
Dot Size	0.40 x 0.45	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	4.8	V

### Mechanical Drawing

