

Part number list

WG12232A-□□□-□□#

WG12232C-□□□-□□#

SG12232A□□□-□□-□□-□

Feature

1. Bulit-in controller SBN1661G or equivalent
2. Bulit-in oscillation (C type), No bulit-in oscillation (A type)
3. +5V power supply
4. 6800/8080 interface
5. (Option) +3V power supply with negative voltage

Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	Power supply for logic
3	Vo	Contrast adjustment
4	Ao	H --> Data L --> Instruction
5	CS1	L --> Chip1 enable
6	CS2	L --> Chip 2 enable
7	NC/CL	External clock 2KHZ
8	NC/E	RD for 80 serial; /E for 68 serial
9	W/R	WR for 80 serial; R/W for 68 serial
10~17	DB0~7	Data bus line
18	RES	L: 80 serial, H: 68 serial
19	A	Power supply for B/L +
20	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	84.0 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

Mechanical Drawing

