

Part number list

BG12232B□□□□#

Feature

1. Built-in controller SBN1661G or equivalent
2. No built-in oscillation (Need external clock)
3. +3V / +5V single power supply
4. Need negative voltage for Vo
5. 6800/8080 interface
6. FFC

Pin Assignment

Pin	Symbol	Function
1	Ao	H: Data L: Instruction
2	CS2	L: Enable chip2
3	CS1	L: Enable chip1
4	CL	External clock input 2Khz
5	RD/ E	RD for 80 serial, E for 68 serial
6	WR(R/W)	WR for 80 serial, R/W for 68 serial
7	Vss	Power supply GND
8~15	DB0 ~ 7	Data bus line
16	Vdd	Power supply(+3V~+5V)
17	RES	H: 68 serial, L: 80 serial
18	Vo	Contrast Adjustment

Mechanical Data

Item	Standard Value	Unit
Module Dimension	65.8 x 27.1	mm
Active Area	53.64 x 15.64	mm
Dot Pitch	0.44 x 0.49	mm
Dot Size	0.4 x 0.45	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3 / 5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	8.5	V

Mechanical Drawing

