

Part number list

BG12232D2□□□□□\$

Feature

1. Built-in controller SBN1661G-M02 or equivalent
2. No built-in oscillation
3. +5V single power supply
4. 6800/8080 interface
5. LED RGB Backlight

Pin Assignment

Pin No.	Symbol	Description
1	V _{SS}	Ground
2	V _{DD}	Power supply for logic
3	V _O	Contrast Adjustment
4	A0	Data/ Instruction
5	/CS1	Chip1 enable
6	/CS2	Chip2 enable
7	CL	External clock 2KHZ
8	RD/E	8080 : RD, 6800 : E
9	WR,R/W	8080 : WR, 6800 : R/W
10~17	DB0~7	Data Bus Line
18	RES	8080 : L, 6800 : R
19	A	Power supply for B/L (+)
20	K(R)	Power supply for B/L(GND)
21	K(G)	power supply for B/L(GND)
22	K(B)	Power supply for B/L(GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 36.0	mm
Active Area	53.64 x 15.64	mm
Dot Pitch	0.45 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

