

Part number list

BG160112A□□□□□\$

Feature

1. Built-in controller SAP1024B or equivalent
2. Built-in oscillation
3. +5V single power supply
4. 8080 interface
5. (Option) Built-in Negative voltage

Pin Assignment

Pin	Symbol	Function
1	Vss	Power supply (GND)
2	Vdd	Power supply(+5V)
3	Vo	Contrast adjustment
4	C/D	Command/dat
5	/RD	Data read
6	/WR	Data write
7~14	DB0~7	Data bus line
15	/CE	Chip enable
16	RST	Reset
17	Vee	Negative voltage output (-10.2V)
18	MD2	Column No. select (H:32 columns, L:40 columns)
19	FS	Font selection (H: 6x8, L:8x8)
20	FG	Frame ground

Mechanical Data

Item	Standard Value	Unit
Module Dimension	94.0 x 80.0	mm
Active Area	68.77 x 48.13	mm
Dot Pitch	0.43 x 0.43	mm
Dot Size	0.40 x 0.40	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	8.7	V

Mechanical Drawing

