

Part number list

WG16080C1-□□□-□□#

BG16080A□□□□□\$

Feature

1. Bult-in controller SAP1024B or equivalent
2. Bult-in oscillation and nagative volatage
3. +5V single power supply
4. 8080 interface
5. (Option) +3V power supply

Pin Assignment

Pin	Symbol	Function
1	Vee	Negative voltage output
2	Vss	Power supply (GND)
3	Vdd	Power supply (+5V)
4	Vo	Contrast adjustment
5	/WR	L: data write
6	/RD	L: data read
7	/CE	Chip enable
8	C/D	Command/data read/white
9	/RES	Reset signal
10~17	DB0~7	Data bus line
18	FS	Font selection(H: 6x8, L:8x8)
19	A	Power supply for B/L (+)
20	K	Power supply for B/L (GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	100.0 x 54.0	mm
Active Area	67.17 x 33.57	mm
Dot Pitch	0.42 x 0.42	mm
Dot Size	0.39 x 0.39	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	13.9	V

Mechanical Drawing

