

### Part number list

BG16080G□□□□□\$

### Feature

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

### Pin Assignment

Pin	Symbol	Function
1	VSS	GND.
2	Vdd	Power supply ( +5V ).
3	V0	Negative Voltage input -6.5 ~ -7.0V.
4	A0	WR=L, C/D=H: Command Write C/D=L: Data write RD=L, C/D=H: Status Read C/D=L: Data read
5	/WR	Data write. Write data into T6963C when WR = L
6	/RD	Data read. Read data from T6963C when RD = L
7	CE	L: Chip enable
8~15	DB0~DB7	Data bus line
16	FS	Pins for selection of font; H: 6 * 8, L: 8 * 8
17	VEE	Negative voltage output
18	RES	H: Normal; L: Initialize T6963.
19	A	Anode pin for backlight.
20	K	Cathode pin for backlight.

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	89.0 x 65.5	mm
Active Area	68.76 x 34.36	mm
Dot Pitch	0.43 x 0.43	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	11.5	V

### Mechanical Drawing

