

BG16080G

Feature

- 1.SMT with metal frame
- 2.built-in controller T6963 or equivalent
- 3.+5V single power supply, with built-in negative voltage
- 4.1/80 duty cycle
- 5.Option: LED array/edge B/L
- 6.Option: +3V single power supply
- 7.Option: negative voltage



Mechanical Data

Item	Standard Value	Unit
Module Dimension	89 x 65.5	mm
Viewing Area	72.0 x 40.0	mm
Dot Size	0.39 x 0.39	mm
Dot Pitch	0.43 x 0.43	mm

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.

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	30	mA
LCD Driving Voltage	Vdd-Vo	25°C	11.5	V
LED Forward Voltage	Vf	25°C	3.7	V
LED Forward Current	If	25°C	60	mA

Dimension

