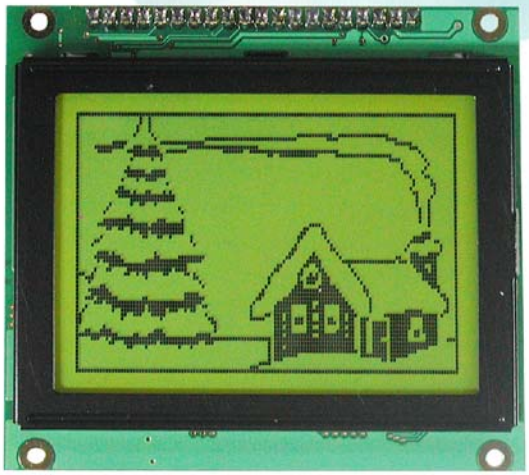
BOLYMIN

BG12864D





Feature

1. SMT with metal frame
2. Built-in controller T6963C
3. +5V single power supply, with built-in negative voltage
4. 1/64 duty cycle
5. Option: Temperature compensation
6. Option: LED array/edge B/L, EL B/L

Mechanical Data

Item	Standard Value	Unit
Module Dimension	78.0 x 70.0	mm
Viewing Area	62.0 x 44.0	mm
Dot Size	0.40 x 0.56	mm
Dot Pitch	0.44 x 0.60	mm

Pin Assignment

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

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	9.7	mA
LCD Driving Voltage	Vdd-Vo	25°C	9	V
LED Forward Voltage	Vf	25°C	4.2	V
LED Forward Current	If	25°C	360	mA
EL Power Supply Current	Vel	Vel=110 Vac/400Hz	5.0	mA

Dimension

