BOLYMIN

BG12832B



Feature

1. COB with metal frame
2. No built-in oscillation
3. Built-in controller SED15601
4. 1/32 duty cycle
5. + 3V single power supply
6. Option: Plastic flame
7. Option: LED edge B/L



Mechanical Data

Item	Standard Value	Unit
Module Dimension	59.0 x 29.3	mm
Viewing Area	56.3 x 19.4	mm
Dot Size	0.345 x 0.345	mm
Dot Pitch	0.375 x 0.375	mm

Pin Assignment

Pin	Symbol	Function
1	SCL	Serial clock input
2	SI	Serial data input
3	/RES	L:Reset
4	P/S	H:Paraller input, L:Serial input
5	/CS	L:Chip select input
6	A0	H:Instruction register, L:Data register
7	VDD	Power supply (+3V)
8	VSS	Ground
9	K	L:Turn on backlight
10	C86	H: 68-Interfact series L: 80-Interfact series
11	/WR(R/W)	L: 80-Series MPU and 68-Series MPU Write data H: 68-Series MPU read data
12	/RD(E)	L: 80-Series MPU Read data H: 68-Series MPU enable input
13~20	D0~D7	Bi-directional Data I/O Pin

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3V	3	V
Supply Current	Idd	Vdd = +3V	0.14	mA
LCD Driving Voltage	Vdd-Vo	25°C	5.0	V
LED Forward Voltage	Vf	25°C	2.1	V
LED Forward Current	If	25°C	40	mA

Dimension

