

BG12832A



Feature

1. COB with metal frame
2. No built-in oscillation
3. Built-in controller SED15601
4. 1/32 duty cycle
5. + 3.3V 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	/RES	L:Reset
2	VBATT	Voltage Supply for Heater
3	R THERM	Resistance of PTC Thermistor to Vss
4	A	LED B/L V _{b1} (+3.3V)
5	/CS	L:Chip Select Input
6	A0	A0 = "L" INSTRUCTION REGISTER
7	VDD	Power Supply (+3.3V)
8	VSS	Ground
9	K	L:Turn on Backlight
10	VBATT RETURN	Return path for Heater voltage
11	/WR	L: 80-Series MPU and 68-Series MPU Write data H: 68-Series MPU read data
12	/RD	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 = +5V	3.3	V
Supply Current	Idd	Vdd = +5V	1.0	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

