



# BG320240B1



## Feature

1. SMT PCB with metal frame
2. Built-in controller SED1335
3. +5V power supply
4. 1/240 duty cycle
5. Option: LED edge/white B/L, EL B/L, CCFL
6. Option: negative voltage (built-in, external)
7. Option: touch panel
8. Option: 80 Series MPU interfance
9. Option: +3 signal power supply

## Mechanical Data

Item	Standard Value	Unit
Module Dimension	157.5 x 120.2	mm
Viewing Area	122 x 92	mm
Dot Size	0.34 x 0.34	mm
Dot Pitch	0.36 x 0.36	mm



## Pin Assignment

Pin	Symbol	Function
1	Vss	Power supply (GND)
2	Vdd	+5V(+3V option)
3	Vo	Contrast Adjustment
4	E	Enable signal
5	R/W	Read /write signal
6	Ao	Data / instruction
7~14	DB0-7	Data bus line
15	/CS	Chip select
16	/RST	Reset signal
17	Vee	Negative voltage output -25V
18	FGND	Frame Ground
19	NC	No connection
20	/DISP OFF	Display off

## Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	100	mA
LCD Driving Voltage	Vdd-Vo	25°C	22.2	V
CCFL Starting Voltage	VFLS	25°C	600	Vrms
CCFL Driving Voltage	VFLD	25°C	260	Vrms
CCFL Driving Current	IFLD	VFLD=260 Vrms/ 30KHZ	5.0	mArms

## Dimension

