

### Part number list

BG24064C□□□□□\$

### Feature

1. Built-in controller ST7920
2. Built-in oscillation and positive voltage
3. +5V single power supply
4. 6800 interface
5. Built-in Chinese font
6. (Option) Built-in Negative voltage

### Pin Assignment

Pin	Symbol	Function
1	FG	Frame ground
2	Vss	Power supply (GND)
3	Vdd	Power supply (+5V)
4	Vo	Contrast Adjustment
5	E1	Chip select 1 upper 240x32
6	R/W	H:data read, L:data write
7	E2	Chip select 2 lower 240x32
8	RS	Command/data
9	Vee	Positive Voltage output
10	/RST	Reset signal
11~18	DB0~7	Data bus line
19	A	Power supply for LED backlight V+ GND
20	K	Power supply for LED backlight (GND)

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	180.0 x 65.0	mm
Active Area	127.16 x 33.88	mm
Dot Pitch	0.53 x 0.53	mm
Dot Size	0.49 x 0.49	mm

### Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	5.5	V

### Mechanical Drawing

