

Part number list

BG12864A2□□□□\$

Feature

1. Built-in controller NT7108 or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 6800 interface
5. RGB LED backlight
6. (Option) +3V single power supply

Pin Assignment

Pin	Symbol	Function
1	Vdd	+ 5V(+3V option)
2	Vss	GND
3	Vo	Contrast adjustment
4~11	DB0~7	Data bus line
12	CS1	Chip select for IC1
13	CS2	Chip select for IC2
14	/RST	Reset
15	R/W	Data read/write
16	D/I	Data/instruction
17	E	H -> L Enable signal
18	Vee	Negative voltage output(-4.8V)
19	A	Power supply for B/L (+)
20	K(R)	Power supply for B/L (GND)
21	K(G)	Power supply for B/L (GND)
22	K(B)	Power supply for B/L (GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	93.0 x 70.0	mm
Active Area	66.52 x 33.24	mm
Dot Pitch	0.52 x 0.52	mm
Dot Size	0.48 x 0.48	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	8.6	V

Mechanical Drawing

