

Part number list

WG12864D-□□□-□□□#

BG12864D□□□□□\$

SG12864J□□□-□□□-□□□-□

Feature

1. Built-in controller RA6963 or equivalent
2. Built-in oscillation and negative voltage
3. +5V single power supply
4. 8080 interface

Pin Assignment

Pin	Symbol	Function
1	FG/Vee	Frame ground / Negative voltage output
2	Vss	Power supply(GND)
3	Vdd	Power supply(+5V)
4	Vo	Contrast Adjustment
5	/WR	Data write
6	/RD	Data read
7	/CE	Chip enable
8	C/D	Command/data
9	/RST	Controller reset
10~17	DB0~7	Data bus line
18	FS	Font select(H: 6x8, L:8x8)
19	K	Power supply for B/L (GND)
20	A	Power supply for B/L (+)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	78.0 x 70.0	mm
Active Area	56.28 x 38.38	mm
Dot Pitch	0.44 x 0.60	mm
Dot Size	0.40 x 0.56	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	9.0	V

Mechanical Drawing

