

Part number list

BG240128B2□□□□□\$

WG240128B-□□□-□□#

SG240128B□□□-□□-□□-□

Feature

1. Built-in controller RA6963 or equivalent
2. Built-in oscillation
3. +5V single power supply
4. 8080 interface
5. (Option) Built-in Negative voltage
6. (Option) +3V single power supply

Pin Assignment

Pin	Symbol	Function
1	Vss	Power supply (GND)
2	Vdd	Power supply(+5V)
3	Vo	Contrast adjustment
4	C/D	Command/data
5	/RD	Data read
6	/WR	Data write
7~14	DB0~7	Data bus line
15	/CE	Chip enable
16	RST	Reset
17	Vee	Negative voltage output
18	MD2	Column No. select (H:32 columns, L:40 columns)
19	FS	Font selection (H: 6x8, L:8x8)
20	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	144.0 x 104.0	mm
Active Area	107.98 x 57.58	mm
Dot Pitch	0.45 x 0.45	mm
Dot Size	0.43 x 0.43	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	19.5	V

Mechanical Drawing

