

### Part number list

WG128128A-□□□-□□#

BG128128B□□□□□\$

### 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

### Pin Assignment

Pin	Symbol	Function
1	FGND	Frame ground
2	Vss	Logic power supply(GND)
3	Vdd	Logic power supply (+5V)
4	Vo	Contrast Adjustment
5	/WR	Data write
6	/RD	Data read
7	/CE	Chip enable
8	C/D	Command/Data read/write
9	NC	No connection
10	/RST	Reset LCD module signal
11~18	DB0~7	Data bus line
19	FS	Font Selection
20	Vee/NC	Negative voltage output
21	A	Power supply for B/L +
22	K	Power supply for B/L -

### Mechanical Data

Item	Standard Value	Unit
Module Dimension	85.0 x 100.0	mm
Active Area	55.01 x 55.01	mm
Dot Pitch	0.43 x 0.43	mm
Dot Size	0.40 x 0.40	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	17.3	V

### Mechanical Drawing

