

### Part number list

WG240128E-□□□-□□#

### Feature

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

### Pin Assignment

Pin	Symbol	Function
1	Vee	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	Reset
10~17	DB0~7	Data bus line
18	FS	Font selection (H: 6x8, L:8x8)

### 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	3 / 5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	19.5	V

### Mechanical Drawing

