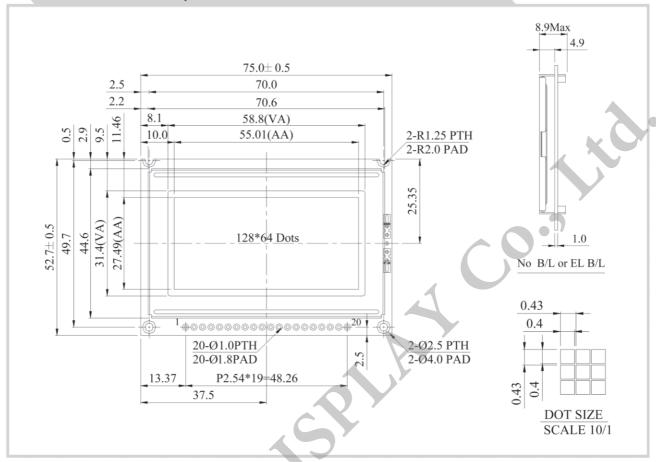
WG12864B Graphic 128x64 dots



Feature

- 1. Built-in controller (NT7108 or equivalent)
- 2. 5V power supply
- 3. 1/64 duty cycle
- 4. N.V. Built-in
- 5. WG12864S: Chinese built-in
- 6. WG12864BP1: 3.3V option

Pin No.	Symbol	Description	
1	V_{DD}	Power supply for logic	
2	V _{SS}	Ground	
3	Vo	Contrast Adjustment	
4	DB0	Data bus line	
5	DB1	Data bus line	
6	DB2	Data bus line	
7	DB3	Data bus line	
8	DB4	Data bus line	
9	DB5	Data bus line	
10	DB6	Data bus line	
11	DB7	Data bus line	
12	CS1	Select Column 1~ Column 64	
13	CS2	Select Column 65~ Column 128	
14	/RST	Controller reset signal, Active Low	
15	R/W	Read/Write select signal	
16	D/I	Data/ Instruction select signal	
17	Е	Enable signal	
18	VEE	Negative Voltage Output	
19	Α	Power supply for B/L +	
20	K	Power supply for B/L -	

Mechanical Data

Item	Standard Value	Unit
Module Dimension	75.0 x 52.7	mm
Viewing Area	58.8 x 31.4	mm
Mounting Hole	70.0 x 49.7	mm
Dot Pitch	0.43 x 0.43	mm
Dot Size	0.40 x 0.40	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	8.0	V