UG12864A



UJ Light Technologies

Feature

- 1. COB with metal frame
- 2. Built-in controller NT7107/NT7108 or equivalent
- 3. +5V single power supply, with built-in negative voltage
- 4. 1/64 duty cycle
- 5. Option: Temperature compensation circuit
- 6. LED B/L Pins: 19/20, or A/K , or 1/2
- 7. Option: LED array/edge B/L
- 8. Option: +3V single power supply
- 9. Option: External negative voltage

Mechanical Data

ltem	Standard Value	Unit
Module Dimension	93.0 x 70.0	mm
Viewing Area	72.0 x 40.0	mm
Dot Size	0.48 x 0.48	mm
Dot Pitch	0.52 x 0.52	mm

Pin Assignment

Pin	Symbol	Function		
1	Vss	GND		
2	Vdd	+ 5V(+3V option)		
3	Vo	Contrast adjustment		
4	D/I	Data/instruction		
5	R/W	Data read/write		
6	Е	H -> L Enable signal		
7~14	DB0~7	Data bus line		
15	CS1	Chip select for IC1		
16	CS2	Chip select for IC2		
17	/RST	Reset		
18	Vee	Negative voltage output(-4.8V)		
19	A	Power supply for B/L (+)		
20	K	Power supply for B/L (GND)		

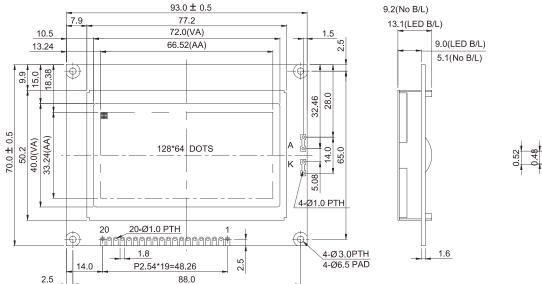
Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	ldd	Vdd = +5V	5	mΑ
LCD Driving Voltage	Vdd-Vo	25 ⁰ C	8.6	V
LED Forward Voltage(yellow-green)	Vf	25 ⁰ C	4.1	V
LED Forward Current	lf	25°C	330	mA

DOT SIZE

SCALE 10/1

Dimension



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