



# TM12864L-5

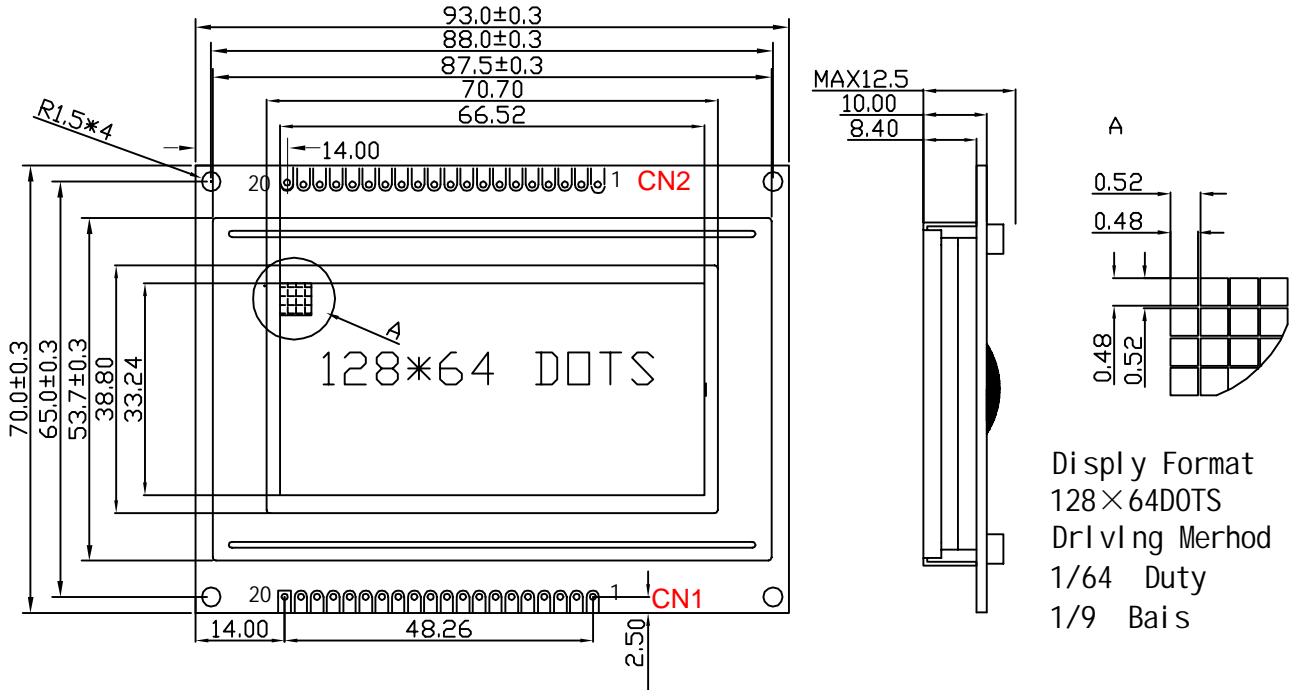
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## ① PHYSICAL DIMENSION/外型尺寸

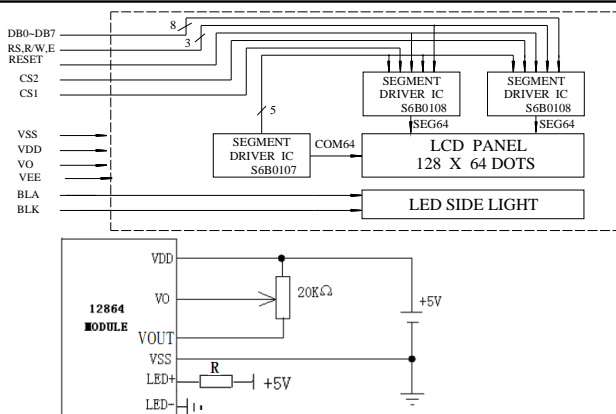


## ② FEATURES/特征

Feature(特征)	UNIT(单位)
LCD type & Colour(类型及颜色)	STN Yellow-green, STN Blue, FSTN
View Angle(视角)	6 o'clock
Operating temperature(工作温度)	-20°C ---- +70°C
Storage Temperature(贮存温度)	-30°C ---- +80°C
Control IC & Package(控制芯片及封装)	S6B0107, COB
Weight(重量)	83 (With B/L)
Backlight(背光类型)	LED

Ta=25°C	MIN(最小)	TYP(典型)	MAX(最大)	UNIT(单位)	
Supply current don't contain backlight(无背光时电流)	0	9.2		mA	
VDD(电源)	-0.3	3.3	5.0	5.5 V	
VLCD-V0(LCD驱动电压)	0	-4.7		V	
Backlight LED (背光电压, 电流)	侧背光	0	3.3	5.0	5.0 V
	底背光	0	75	75	mA
		0	3.3	5.0	5.5 V
		0	120	120	mA

## ④ BLOCK DIAGRAM/原理电路



## ③ PIN CONFIGURATION/管脚说明

PIN	SYMBOL	DESCRIPTION(定义描述) CN1/CN2	
1	VSS	Power ground (地)	
2	VDD	Power positive(逻辑电压)(+5.0V)	
3	V0	Operating voltage for LCD Driver(对比度调节)	
4	D/I	H:Data L:Instruction Code(指令 数据信号)	
5	R/W	Read or Write.(写数据)	
6	E	Enable trigger.(使能信号)	
7	DB0	Data bus [0-7]. There state I/O common terminal.(数据线0-7)	
14	DB7		
15	CS1		Chip select signal(片选1)
16	CS2		Chip select signal(片选2)
17	RST		Reset Signal(复位)
18	VOUT		Negative voltage output(负压输出)
19	BLA		Power supply for backlight(+)(背光正极)(+5.0V)
20	BLK		Power supply for backlight(-)(背光负极)

## ⑤ ELUCIDATION/补充备注

TM12864L-5完全兼容TM12864L-1  
(CN1与CN2接口完全相同)