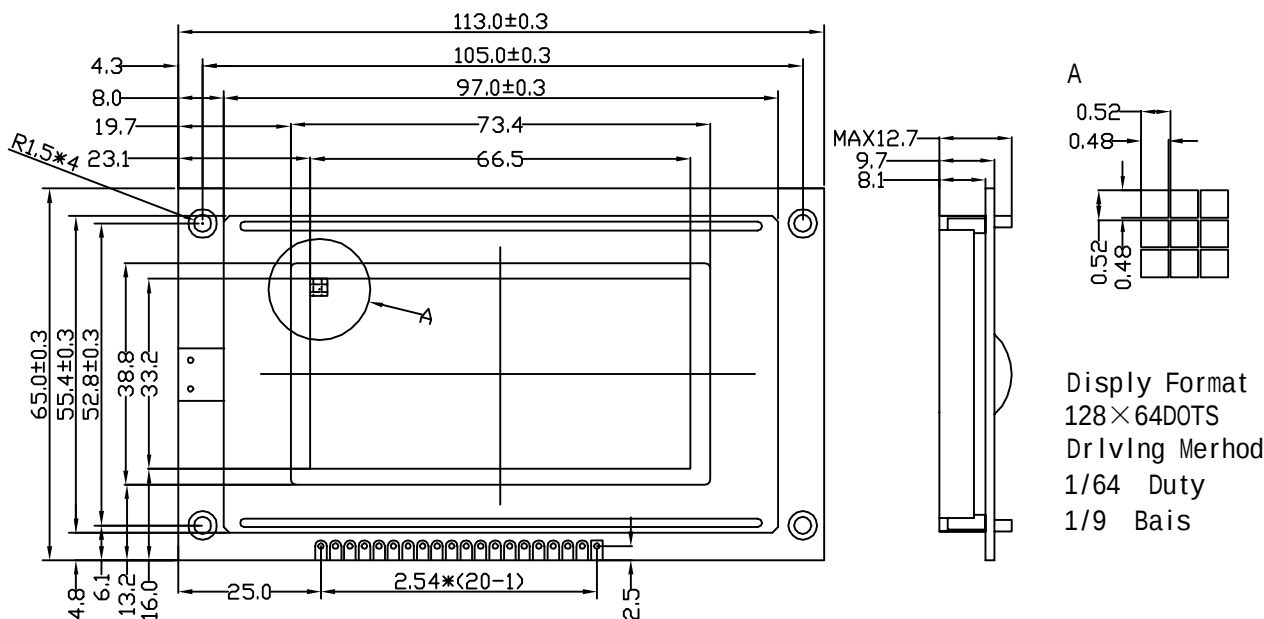


DS12864A V2.0

① PHYSICAL DIMENSION/外型尺寸

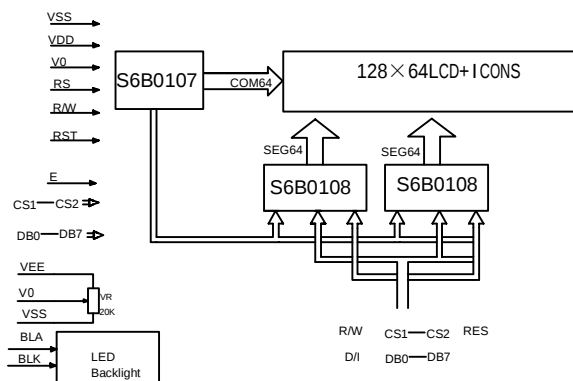


② FEATURES/特征

Feature(特征)	UNIT(单位)
LCD type & Colour(类型及颜色)	STN Yellow-green ;STN Blue
View Angle(视角)	6 0'clock
Operating temperature(工作温度)	-20℃ ---- 70℃
Storage Temperature(贮存温度)	-30℃ ---- 80℃
Control IC & Package(控制芯片及封装)	S6B0107 , COB
Weight(重量)	98 (With B/L) g
Backlight(背光类型)	LED

Ta=25℃		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)	側背光	0		3.3		5.0		5.0 V	
		0				75		mA	
	底背光	0				5.0		5.5 V	
		0				180		mA	

④ BLOCK DIAGRAM/原理电路



③ PIN CONFIGURATION/管脚说明

PIN	SYMBOL	DESCRIPTION(定义描述)
1	VSS	Power ground (地)
2	VDD	Power positive(逻辑电压)
3	V0	Operating voltage for LCD Driver(对比度调节)
4	RS	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	VEE	Negative voltage output (负压输出)
19	BLA	Power supply for backlight(+)(背光正极)
20	BLK	Power supply for backlight(-)(背光负极)

⑤ ELUCIDATION/补充备注