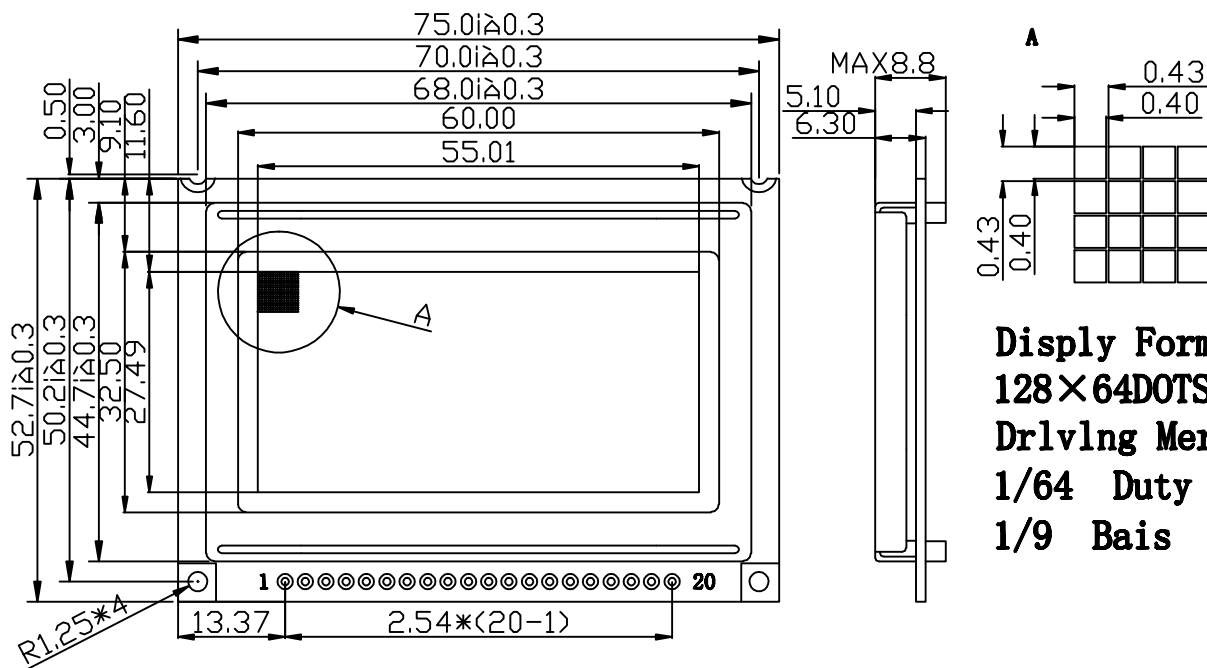


# WSM12864-4

深圳远望石科技有限公司  
TEL: 0755-27931180 FAX: 0755-27931090  
E-mail: YWSLCM@126.COM  
HTTP://: WWW.YWSLCM.COM  
地址: 深圳市西乡流塘榕树路 68号4栋4楼

## ① PHYSICAL DIMENSION/外型尺寸



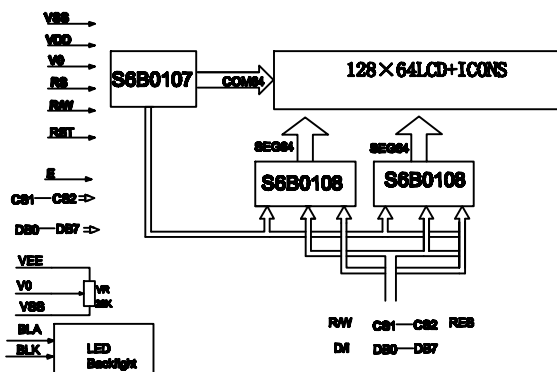
## ② FEATURES/特征

| Feature(特征)                   |                  | UNIT(单位) |
|-------------------------------|------------------|----------|
| LCD type & Colour(类型及颜色)      | STN Yellow-green |          |
| View Angle(视角)                | 6 o'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)                    | 36 (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    | 5.0     | 5.5     | V        |
| VLCD-VOLCD驱动电压                                 |     | 0       | -4.7    |         | V        |
| Backlight LED<br>(背光电压, 电流)                    | 侧背光 | 0       | 5.0     | 5.0     | V        |
|                                                | 底背光 | 0       | 65      |         | mA       |

## ④ BLOCK DIAGRAM/原理电路



## ③ PIN CONFIGURATION/管脚说明

| PIN | SYMBOL | DESCRIPTION(定义描述)                                            |
|-----|--------|--------------------------------------------------------------|
| 1   | VDD    | Power positive(逻辑电压)                                         |
| 2   | VSS    | Power ground(地)                                              |
| 3   | V0     | Operating voltage for LCD Driver(对比度调节)                      |
| 4   | DB0    | Data bus [0~7].<br>There state I/O common terminal. (数据线0-7) |
| 11  | DB7    |                                                              |
| 12  | CS1    | Chip select signal(片选1)                                      |
| 13  | CS2    | Chip select signal(片选2)                                      |
| 14  | RST    | Reset Signal(复位)                                             |
| 15  | R/W    | Read or Write.(写数据)                                          |
| 16  | RS     | H:Data L:Instruction Code(指令 数据信号)                           |
| 17  | E      | Enable trigger.(使能信号)                                        |
| 18  | VEE    | Negative voltage output(负压输出)                                |
| 19  | BLA    | Power supply for backligh(+)(背光正极)                           |
| 20  | BLK    | Power supply for backligh(+)(背光负极)                           |

## ⑤ ELUCIDATION/补充备注