# 19264C

## ① PHYSICAL DIMENSION/外型尺寸



Disply Format
192×64DOTS
Drlvlng Merhod
1/64　Duty
1/9　Bais
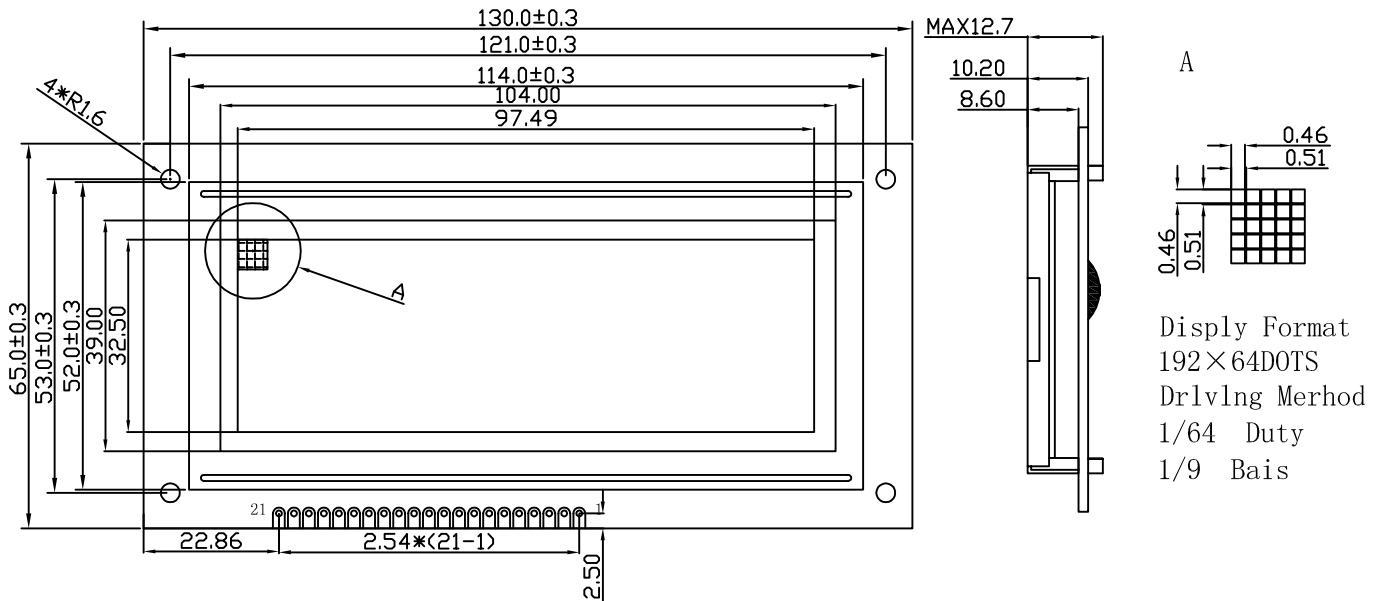
## ② FEATURES/特征

| 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) | 101 (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 | 3.0 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 | 3.0 5.0 | 5.0 | V |
| | | 0 | 75 75 | | mA |
| | 底背光 | 0 | 5.0 | 5.5 | V |
| | | 0 | 180 | | mA |
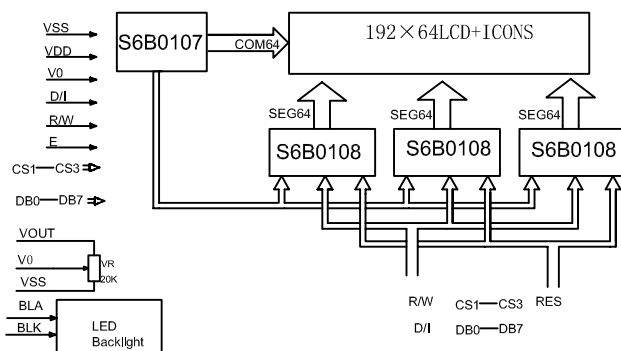
## ③ PIN CONFIGURATION/管脚说明

| 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(数据) L:Instruction (指令) |
| 5 | RW | H: Read data(读数据) L: Write data(写数据) |
| 6 | E | Enable single(使能,下降沿有效) |
| 7 | DB0 | Data bus [0~7]. There state I/O common terminal.(数据线0-7) |
| 14 | DB7 | |
| 15 | CS1 | Chip select active-low(片选1,低电平有效) |
| 16 | RST | Reset Signal active-low(复位,低电平有效) |
| 17 | CS2 | Chip select active-low(片选2,低电平有效) |
| 18 | CS3 | Chip select active-low(片选3,低电平有效) |
| 19 | VOUT | Negative voltage output （负压输出） |
| 20 | BLA | Power supply for backlight(+)(背光正极) |
| 21 | BLK/NC | Power supply for backlight(−)(背光负极) |

## ④ BLOCK DIAGRAM/原理电路



## ⑤ ELUCIDATION/补充备注

1, be the R15 as 0 Ω, the PIN 21 feet can is a NC, can and permit SYB19264C,
   When the R15 has no dollar spare part, the PIN21 feet are for the LED-.(carry on the back light anode)

1,当R15为0欧时，PIN21脚可为NC，可兼容SYB19264C,
   当R15无元器件时，PIN21脚为LED-（背光负极）。