

1. Features

- 色彩: 65K 色彩
- 屏幕点阵: 96*3(RGB)*64 点阵
- 68/80 series MPU 8-bit, SPI 4-wire interface (支持 68/80 系列 MPU 8 位并口和 4 线 SPI 串口通讯)

2. Mechanical Specification (机械结构)

Item	Specifications	Unit
点阵(Dot Matrix)	96 (W) x (R x G x B)x64(H)	Dot
有效显示区 (A.A)	20.135 (W) x 14.1(H)	mm
屏幕尺寸(Panel Size)	27.5(W)*25.7(H)	mm
模组尺寸 (Module Size)	27.5(W)*34.2(H)*1.8(D)	mm

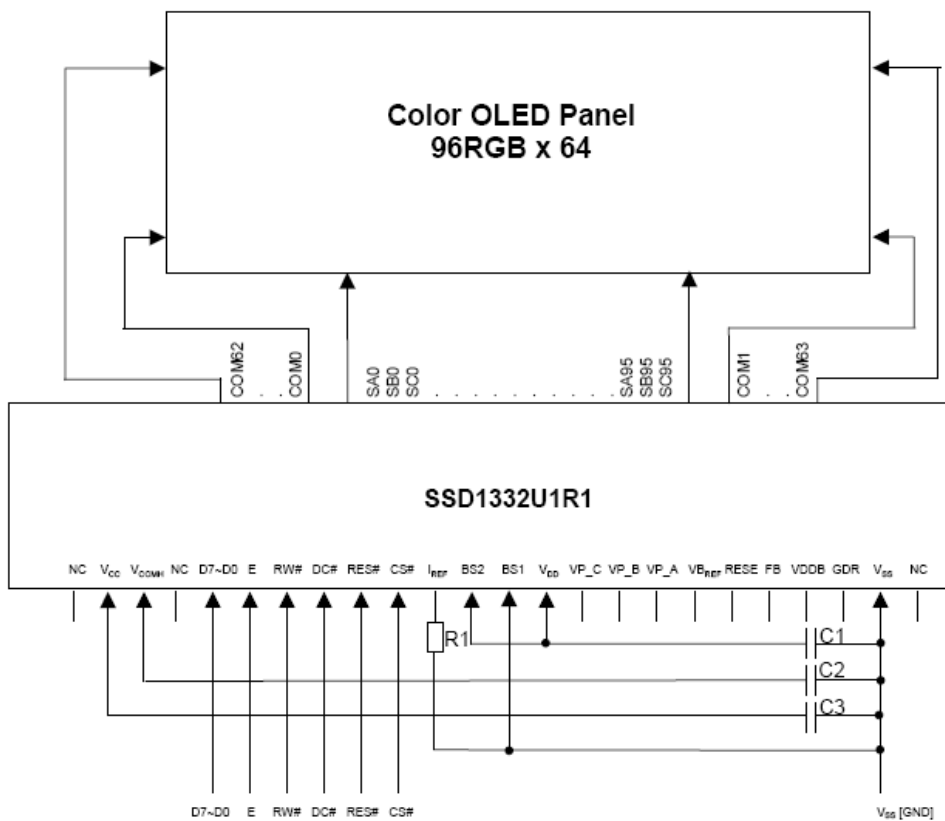
*屏幕厚度包括背面的双面胶。

3. PIN 脚定义

			Notes
1	NC	悬空不接	
2	VSS	Ground (地)	
3	VDD	Power supply for analog (3.3V) (模块电源 3.3V)	
4	VCC	OLED drive power (OLED 驱动电压 7~20V)	
5	VCOMH	COM signal voltage (接个电容对地)	
6	D7	数据口	
7	D6	数据口	
8	D5	数据口	
9	D4	数据口	
10	D3	数据口	
11	D2	数据口	
12	D1	数据口 (在 4 线 SPI 模式下, 做 SDA)	
13	D0	数据口 (在 4 线 SPI 模式下, 做 SCL)	
14	E/RD	读信号	
15	WR	写信号	
16	DC	寄存器选择信号 (0: 指令; 1: 数据)	
17	RESET	复位信号脚	
18	CS	片选信号脚	
19	IREF	segment output current reference pin (接个电阻对地) .	

20	BS2	接口模式选择:	<table border="1"> <thead> <tr> <th></th> <th>6800-parallel interface (8 bit)</th> <th>8080-parallel interface (8 bit)</th> <th>Serial interface</th> </tr> </thead> <tbody> <tr> <td>BS0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>BS1</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td>BS2</td> <td>1</td> <td>1</td> <td>0</td> </tr> </tbody> </table>		6800-parallel interface (8 bit)	8080-parallel interface (8 bit)	Serial interface	BS0	0	0	0	BS1	0	1	0	BS2	1	1	0	BS0=0
	6800-parallel interface (8 bit)			8080-parallel interface (8 bit)	Serial interface															
BS0	0			0	0															
BS1	0	1	0																	
BS2	1	1	0																	
21	BS1																			
22	VDD	Power supply for analog (3.3V) (模块电源 3.3V)																		
23	VCOMH	COM signal voltage (接个电容对地)																		
24	VCC	OLED drive power (OLED 驱动电压 7~18V)																		
25	VDD	Power supply for analog (3.3V) (模块电源 3.3V)																		
26	VSS	Ground (地)																		
27	NC	悬空不接																		

4. 应用电路: (6800 MPU)



Pin connected to MCU interface: D0~D7, E, R/W#, D/C#, RES#, CS#
 Pin internally connected to V_{DD}: M/S#, CLS
 Pin internally connected to V_{SS}: VSSB
 Pin internally connected to V_{CC}: VREF
 Pin externally connected to V_{DD}: BS2
 Pin externally connected to V_{SS}: BS1
 Pin floated: VP_C, VP_B, VP_A, V_{BREF}, RESE, FB, VDDB, GDR

C1~C3: 4.7uF
 Voltage at I_{REF} = V_{CC} - 3V
 $R1 = (\text{Voltage at } I_{REF} - V_{SS}) / I_{REF} = 910K\Omega$

5.本店出售底板原理图（SPI 串口带 VCC 电压电路）:

