



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	0V	Ground
2	V _{DD}	3.3V	Power supply for Logic
3	V _O	-	OLED Display voltage
4	D/C	H/L	Data/Command select
5	/WR	L	8080: Write signal
6	/RD	L	8080: Read signal
7	DB0	H/L	Data bus line
14	DB7		Serial mode :D1-S1 D0-SCL
15	/CS	L	Chip enable signal
16	/REST	L	Reset signal ,active “L”
17	BS1	H/L	BS1、BS2 interface select:
18	BS2		01:6800 parallel 11:8080 parallel 00: Serial 10: I ² C
19	NC	-	No connection
20	FG	-	Frame Ground

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	54.0X39.5X8.5	mm
Viewing Area (W x H)	37.0X19.5	mm
Dot Pitch (W x H)	0.274X0.274	mm
Dot Size (W x H)	0.258X0.258	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V _{DD} -V _{SS}	0	3.5	V
Supply Voltage(OLED)	V _{CC} -V _{SS}	0	13.0	V
Input Voltage	V _I	0	V _{DD}	V
Operating Temp.	T _{OPR}	-30	+85	°C
Storage Temp.	T _{STG}	-40	+90	°C

ELECTRICAL CHARACTERISTICS (V_{DD}=3.3V, Ta=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.8 V _{DD}	-	V _{DD}	V
Input Low Voltage	V _{IL}	V _{SS}	-	0.2V _{DD}	V
Output High Voltage	V _{OH}	0.9 V _{DD}	-	V _{DD}	V
Output Low Voltage	V _{OL}	V _{SS}	-	0.1V _{DD}	V
Supply Current	I _{DD}	-	TBD	-	mA
OLED Display Voltage(YELLOW)	V _{CC} -V _{SS}	12.0	12.5	13.0	V

NOTES:

1. Built-in SSD1305 controller
2. 3.3V power supply optional
- 3.Parallel / Serial interface optional
- 4.Display color :YELLOW/GREEN