



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	0V	Ground
2	V _{DD}	3.3V	Power supply for Logic
3	/CS	L	Chip enable signal
4	D/C	H/L	Data/Command select
5	R/W	H/L	8080: Write signal
6	E	H/L	8080: Read signal
7	DB0	H/L	Data bus line
			Serial mode :D1-S1
14	DB7		D0-SCL

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	105.6X31.8X9.5	mm
Viewing Area (W x H)	78.78X21.18	mm
Dot Pitch (W x H)	0.3X0.3	mm
Dot Size (W x H)	0.28X0.28	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, T_a=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}	11.5	12.0	12.5	V

NOTES:

1. Built-in SSD1322 controller
2. 3.3V power supply optional
3. Parallel / Serial interface optional
4. Display color :YELLOW/GREEN/WHITE