



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	0V	Ground
2	V _{DD}	+3.3V	Power supply for Logic
3	NC	-	No connection
4	D/C	H/L	Data/Command select
5	/WR	L	Write signal
6	/RD	L	Read signal
7	DB0	H/L	Data bus line
14	DB7		Serial mode :D1-SI D0-SCL
15	/CS	L	Chip enable signal
16	/RES	L	Reset signal,active"L"

NOTES:

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

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	116.0X37.0X9.5	mm
Viewing Area (W x H)	78.78X21.18	mm
Dot Pitch (W x H)	0.30X0.30	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, 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}	11.5	12.0	12.5	V