



PIN CONNECTIONS (SPI)

Pin	Symbol	Level	Function
1	VSS	0V	Ground
2	VDD	+5V	Power supply for Logic
3	NC	-	No connection
4	SDI	H/L	Serial data input
5	SCLK	H/L	Serial clock input
6	BUSY	H/L	Busy signal
7	/REST	H/L	Reset signal ,active “L”
8	/CS	H/L	Chip select ,active “L”

NOTES:

- Default interface setting for this module:
SPI(Optional serial interface: SPI, UART, and RS232)
- Optional 5.0V/3.3V power

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	148.0×79.8×10.0MAX.	mm
Viewing Area (W x H)	109.2X58.01	mm
Character Size(W x H)	0.53X0.53	mm
Dot Size (W x H)	0.5X0.5	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage (Logic)	V _{DD} -V _{SS}	0	5.5	V
Operating Temp.	T _{OPR.}	-40	+80	°C
Storage Temp.	T _{STG.}	-40	+80	°C

ELECTRICAL CHARACTERISTICS (V_{DD}=5.0V, T_a=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.8 V _{DD}	-	-	V
Input Low Voltage	V _{IL}	-	-	0.2V _{DD}	V
Output High Voltage	V _{OH}	0.9 V _{DD}	-	-	V
Output Low Voltage	V _{OL}	-	-	0.1V _{DD}	V
Supply Current	I _{DD}	-	340	-	mA