



## PIN CONNECTIONS

Pin	Symbol	Function	Pin	Symbol	Function
1	NC	No connection	21	VDD	Power supply for logic circuit
2	VCC	Power supply for OEL panel	22	NC	No connection
3	VCOMH	Voltage output high level for COM signal	23	NC	No connection
4	IREF	current reference for brightness adjustment	24	NC	No connection
5-12	D7-D0	Data bus line	25	VBREF	Voltage reference for DC/DC converter circuit
13	RD	Read /Write Enable or Read.	26	RESE	Connects to the source current pin of the external NMOS of the booster circuit
14	R/W	Read /Write select or Write.	27	FB	Feedback input for DC/DC converter circuit
15	D/C	data/command control	28	VDDDB	Power supply for DC/DC converter circuit
16	RES	Reset signal,active "L"	29	GDR	Output for connected external NMOS
17	CS	Chip select signal	30	VSS	Ground of logic circuit
18	NC	No connection	31	NC	No connection
19	BS2	MCU interface select			
20	BS1				

## PART CHARACTERISTICS

Item	Characteristics	Item	Symbol	Min.	Typ.	Max.	Unit
Display Color	Green	Supply Voltage for Logic	VDD	2.4	3.0	3.5	V
Driver IC	SSD1325	Supply Voltage for Display	Vcc	11.5	12.0	12.5	V
Interface	8-bit 8080,8-bit 6800, SPI	Input High Voltage	VIH	0.8XVDD	-	VDD	V
		Input Low Voltage	VIL	0	-	0.2XVDD	V
Operating Temp.	-30°C~70°C	Output High Voltage	VOH	0.9XVDD	-	VDD	V
Storage Temp.	-40°C~80°C	Output Low Voltage	VOL	0	-	0.1XVDD	V