



PIN CONNECTIONS

Pin	Symbol	Function	Pin	Symbol	Function
1	NC(GND)	Connect to external ground	20	RES#	Reset signal, active "L"
2	VSS	Ground of logic circuit	21	FR	Cascade application connection pin
3	VCC	Power supply for OEL panel	22	IREF	Current reference for brightness adjustment
4	VCOMH	Voltage output high level for COM signal	23	NC	No connection
5	VLSS	Ground of analog circuit	24	VDDIO	Power supply for I.O pin
6-13	D7-D0	Data bus line	25	VDD	Power supply for core logic circuit
14	E/RD#	Read /Write Enable or Read.	26	VCI	Power supply for operation
15	R/W#	Read /Write select or Write.	27	VSL	Voltage output low level for SEG signal
16	BS0	MCU interface select	28	VLSS	Ground of analog circuit
17	BS1		29	VCC	Power supply for OEL panel
18	D/C#	data/command control	30	NC(GND)	Connect to external ground
19	CS#	Chip select signal			

PART CHARACTERISTICS

Item	Characteritics	Item	Symbol	Min.	Typ.	Max.	Unit
Display Color	Green	Supply Voltage for Logic	VDD	-	-	2.6	V
Driver IC	SSD1322	Supply Voltage for Display	Vcc	14.5	15.0	15.5	V
Interface	8-bit 8080, 8-bit 6800, 3-/4-wire SPI	Input High Voltage	VIH	$0.8XVDDIO$	-	VDDIO	V
		Input Low Voltage	VIL	0	-	$0.2XVDDIO$	V
Operating Temp.	$-30^{\circ}C \sim 70^{\circ}C$	Output High Voltage	VOH	$0.9XVDDIO$	-	VDD	V
Storage Temp.	$-40^{\circ}C \sim 80^{\circ}C$	Output Low Voltage	VOL	0	-	$0.1XVDDIO$	V