

4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Standard Value		
		Min.	Max.	Unit
Power Supply for Logic	VDD	-0.3	7.0	V
LCD Operation Voltage	Vo.	-0.3	17.0	V
Input Voltage	Vin	-0.3	Vdd+0.3	V
Operating Temp	Top.	-20	70	°C
Storage Temp	Tst.	-30	80	°C

5.0 PIN ASSIGNMENT

PIN NO	SYMBOL	Description
1	NC	open
2	PS0	Parallel/Serial data input select input#KParallel)IL<Serial)
3	PS1	MPU interface select input pin#K6800MPU)ILC8080MPU)
4	CSB	Chip select: L enable
5	RESETB	Reset input pin
6	RS	Register select input pin#H display data L control data
7	RW_WR	Read/write execution control pin
8	E_RD	Read/write execution control pin
9	DB0	Data Bus
10	DB1	
11	DB2	
12	DB3	
13	DB4	
14	DB5	
15	DB6	
16	DB7	
17	VDD	3.0 Power supply
18	VCI	Voltage converter input voltage pin
19	VSS	Ground
20	VOUT	Voltage converter input/output pin
21	C5+	Capacitor 5 positive connection pin for voltage converter
22	C3+	Capacitor 3 positive connection pin for voltage converter
23	C1-	Capacitor 1 negative connection pin for voltage converter
24	C1+	Capacitor 1 positive connection pin for voltage converter
25	C2+	Capacitor 2 positive connection pin for voltage converter
26	C2-	Capacitor 2 negative connection pin for voltage converter
27	C4+	Capacitor 4 positive connection pin for voltage converter
28	REF	Selects the external VREF voltage
29	VEXT	Externally input reference voltage (VREF)
30	INTRS	Internal resistor select pin Hi internal I external
31	V4	LCD driver supply voltages Voltages should have the following relationship: $V0 > V1 > V2 > V3 > V4 > VSS$
32	V3	
33	V2	
34	V1	
35	V0	
36	VR	V0 voltage adjustment pin
37	DSC1	using internal clock, connect a resistor between DSC1 and VDD.
38	NC	open

Remark

1. LCD option: STN, FSTN .
2. Customized module.
3. Backlight option: EL backlight feature, other specs not available on catalog is under request.