



Interface

Pin no	Symbol	Function
1	VSS	Power supply (GND)
2	VDD	Power supply(+)
3	NC	NC
4	RS	COMMAND/DATA selection
5	R/W	Read /write signal
6	E	Enable Signal
7	DB0	Date bus line
8	DB1	Date bus line
9	DB2	Date bus line
10	DB3	Date bus line
11	DB4	Date bus line
12	DB5	Date bus line
13	DB6	Date bus line
14	DB7	Date bus line
15	A	LED B/L (+)
16	K	LED B/L (-)

Feature

Controller	ST7920-0A	Module	93 x 70
Duty	1/32 duty	Viewing Area	72 x 40
Bias	1/5 bias	Mounting hole	88 x 65
B/L	Y/G	Character Size	0.48 x 0.48

Absolute Maximum Rating

I tem	Symbol	Condition	Min	Max	Units
Supply for logic voltage	Vdd-Vss	25°C	-0.3	7	V
LCD driving supply voltage	Vdd-Vss	25°C	-0.3	13	V
Input voltage	Vin	25°C	-0.3	Vdd+0.3	V

Electrical Characteristics

Item	Symbol	Condition	Min.	Typ.	Max.	Units
Power supply voltage	Vdd-Vss	25°C	4.5	-	5.5	V
LCD operation voltage	Vop	25°C	-	4.5	-	V
LED Forward Voltage	VF	25°C	-	4.2	-	V
LED Forward Current	IF	25°C	-	330	-	mA