

LMG-SSC14A32	9 Chars x 2 Lines (16 x 16 Character)	1/32 Duty	1/6 Bias
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1. Feature

LCD Mode	TN/STN
Backlight Type	Led Backlight
Character Fonts	9 Characters x 2 Lines
Controller	-
Power Supply For LCM	DC +5V
Led Backlight Input	DC +5V
EL Backlight Input	-
EL Inverter	-

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

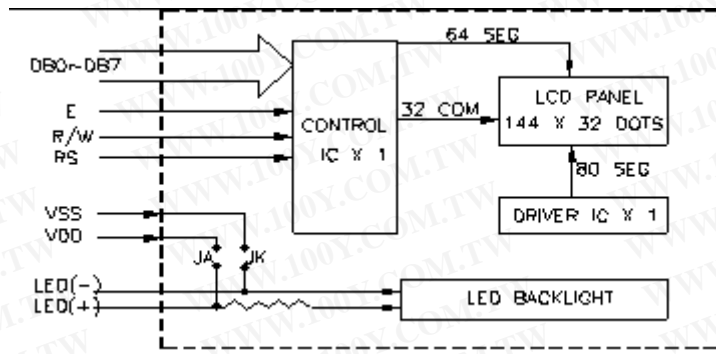
2. Electrical Characteristics

Item	SYM	Condition	Min	TYP	Max	Unit
Supply Voltage For LCD	VDD-VO	Ta=0°C	-	6.1	-	V
		Ta=25°C	-	5.8	-	V
		Ta=50°C	-	5.5	-	V
Input Voltage	VI	-	-	-	-	V
Input High Vol	VIH	-	2.2	-	VDD	V
Input Low Vol	VIL	-	0	-	0.6	V
Output High Vol	VOH	-	2.4	-	-	V
Output Low Vol	VOL	-	-	-	0.4	V
Supply Current	IDD	VDD=5v	-	3.0	4.5	mA
Led Current	IF	Ta=25°C	-	40	-	mA
Led Dissipation	PD	Ta=25°C	-	200	-	mW

3. Absolute Maximum Ratings

Item	Symbol	Min	TYP	Max	Unit
Operating Temp.	TOP	0	-	50	°C
Storage Temp.	TST	-10	-	60	°C
Input Voltage	VI	VSS	-	VDD	V
Supply Vol-Logic	VDD-VSS	-	5.0	6.5	V
Supply Vol-LCD	VDD-VO	-	-	6.5	V

4. Block Diagram



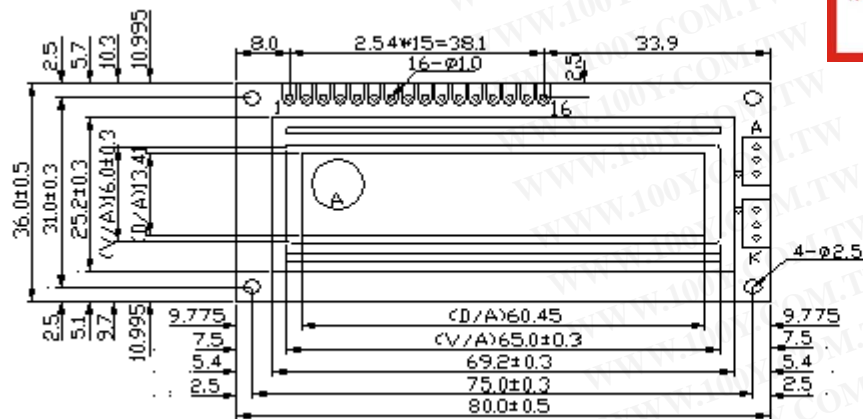
5. Interface Pin Connections

No	SYM	Level	Function	No	SYM	Level	Function
1	VSS	-	0V	9	DB2	H/L	Data Bit2
2	VDD	-	5V	10	DB3	H/L	Data Bit3
3	N.C	-	N.C	11	DB4	H/L	Data Bit4
4	RS	H/L	Register Select	12	DB5	H/L	Data Bit5
5	R/W	H/L	Read/ Write	13	DB6	H/L	Data Bit6
6	E	H.H->L	Enable Signal	14	DB7	H/L	Data Bit7
7	DB0	H/L	Data Bit0	15	A(+)	5V	Backlight
8	DB1	H/L	Data Bit1	16	K(-)	0V	Backlight

6. Display Character Address Code

i@	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	80	81	82	83	84	85	86	87	88	89	8A	8B	8C	8D	8E	8F
L2	A0	A1	A2	A3	A4	A5	A6	A7	A8	A9	AA	AB	AC	AD	AE	AF

7. Dimensional Drawing



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