



东莞市琪芯电子有限公司

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微信公众号:东莞市琪芯电子有限公司



微信公众号



扫码加微信

**DL8258**



## **FEATURES**

1.5v Operate

IN/OUT Temperature Measurement

Low Standby Current (typ. 2uA)

Operating Current (typ. 25uA)

Measuring Temperature Range : Indoor -20 ~ +70 degC  
Outdoor -50 ~ +70 degC

Display Resolution : 0.1 degC

Accuracy : +/- 1 degC

degC /degF Switchable

MAX/MIN Temperature records

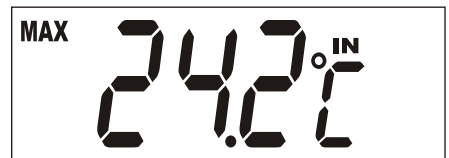
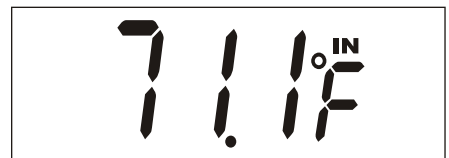
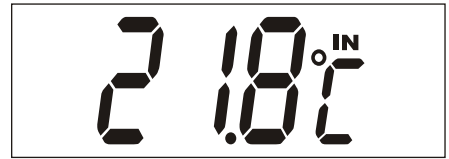
PRESET ALERT

Key- Tone

# KEYS OPERATIONS

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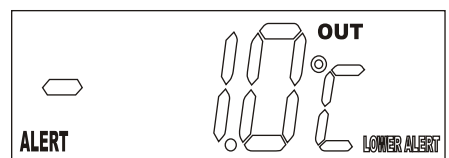
## NORMAL MODE



HOLDING 1 SECOND FOR RESET MAX AND MIN TO CURRENT TEMP



HOLDING 1 SECOND FOR SETTING ALERT TEMPERATURE RANGE

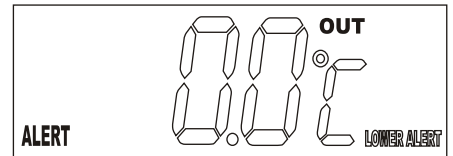


# KEYS OPERATIONS

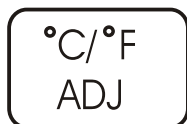
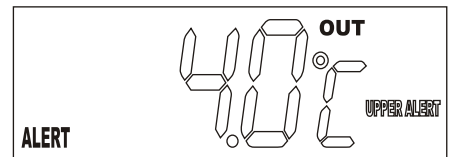
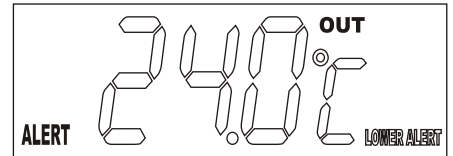
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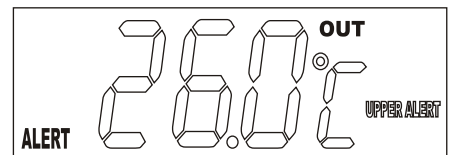
ADDING ONE DEG C PRESS ONCE OR AUTO  
ADVANCED (-50degC~+70degC) WHEN HOLDING THE KEY



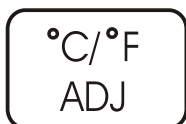
HOLDING THE KEY



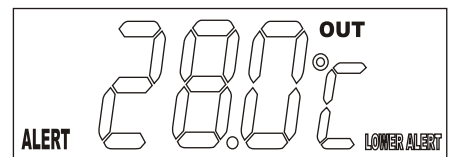
HOLDING THE KEY



BUZZER ON 5 SECONDS AND OFF 55 SECONDS  
WHEN THE OUTDOOR TEMP.  
BETWEEN (<+24degC ~ +26degC>)



HOLDING 1 SECOND FOR SETTING ALERT  
TEMPERATURE RANGE & HOLDING THE KEY



Buzzer on 5 seconds and off  
55 seconds when the Outdoor  
Temp. (>26degC or 28degC<)



TURN OFF ALERT



TURN ON ALERT





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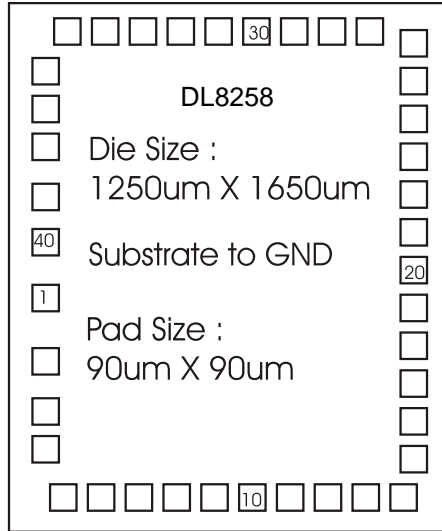


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## PIN ASSIGNMENT

NO	NAME	X	Y	NO	NAME	X	Y
1	XIN	72.5	712.85	21	SEG8	1176.85	919.5
2	XOUT	72.5	451.35	22	SEG9	1176.85	1041.5
3	GND	75	314.05	23	SEG10	1176.85	1163.5
4	VDD1	75	199.05	24	SEG11	1176.85	1285.5
5	VDD2	94.95	72.5	25	SEG12	1176.85	1407.5
6	VDD3	209.95	72.5	26	REF	1176.85	1534.2
7	CUP1	324.95	72.5	27	IN	1056.1	1571.3
8	CUP2	439.95	72.5	28	OUT	936.1	1571.3
9	COM1	554.95	72.5	29	SEG13	816.1	1571.3
10	COM2	669.95	72.5	30	SEG14	696.1	1571.3
11	COM3	784.95	72.5	31	SEG15	576.1	1571.3
12	N.C.	899.95	72.5	32	SEG16	456.1	1571.3
13	N.C.	1014.95	72.5	33	BZ	336.1	1571.3
14	N.C.	1129.95	72.5	34	SEG17	216.1	1571.3
15	N.C.	1176.85	187.5	35	MAX/MIN	96.1	1571.3
16	N.C.	1176.85	309.5	36	ALERT	72.5	1440.65
17	SEG4	1176.85	431.5	37	C/F	72.5	1325.65
18	SEG5	1176.85	553.5	38	RESET	72.5	1188.65
19	SEG6	1176.85	675.5	39	CAP	72.5	1029.85
20	SEG7	1176.85	797.5	40	TEST	72.5	871.65

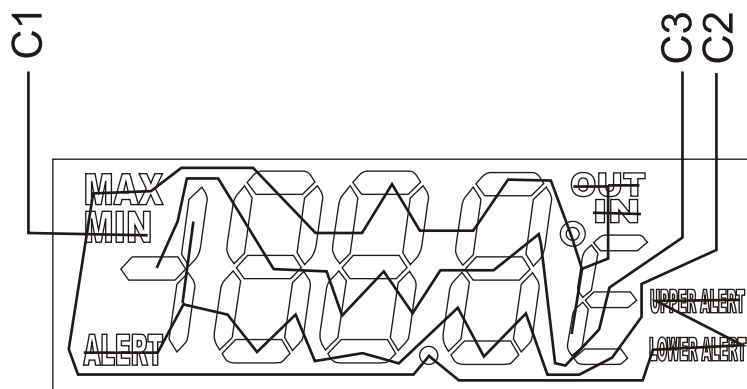
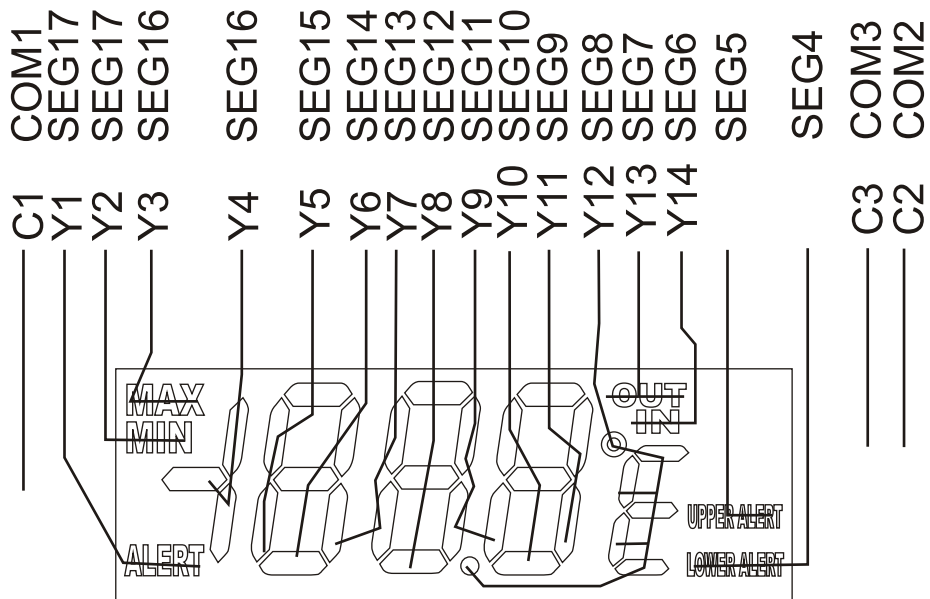
# LCD CONNECTIONS

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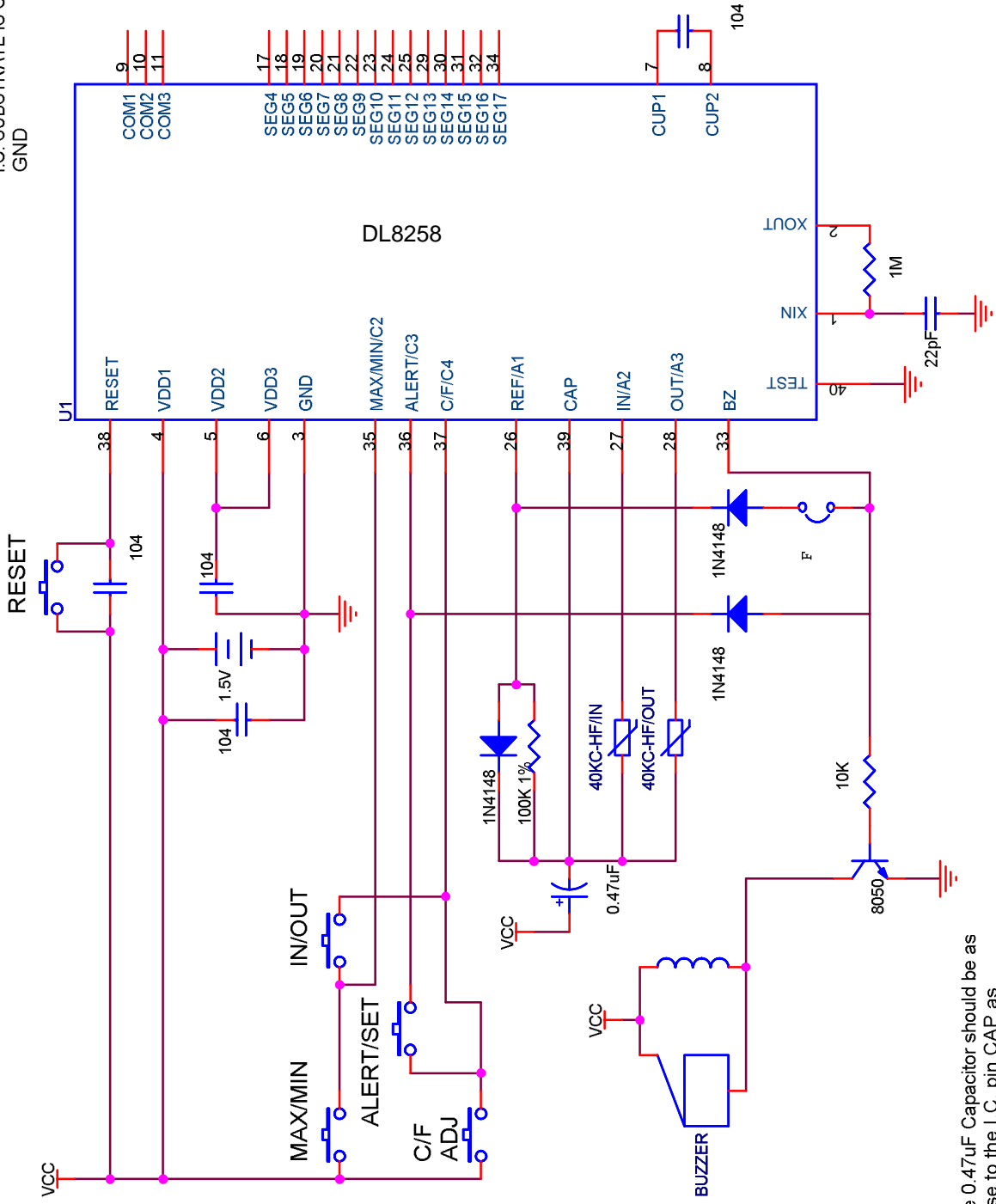
VLCD : 3V

1/3 DUTY , 1/2 BIAS

VIEW ANGLE : 12 O'CLOCK



I.C. SUBSTRATE IS CONNECTED TO GND



The 0.47uF Capacitor should be as close to the I.C. pin CAP as possible.

Title	
Size A	Document Number
Rev 1.2	
Sheet 1	of 1