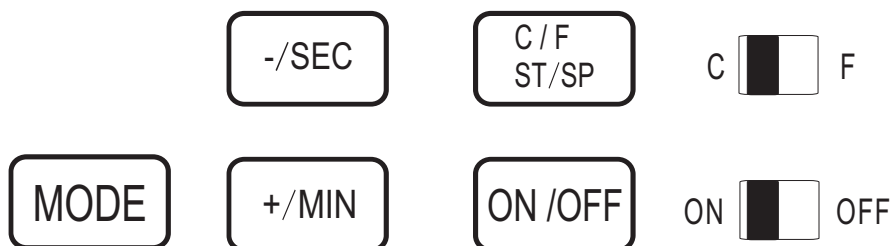
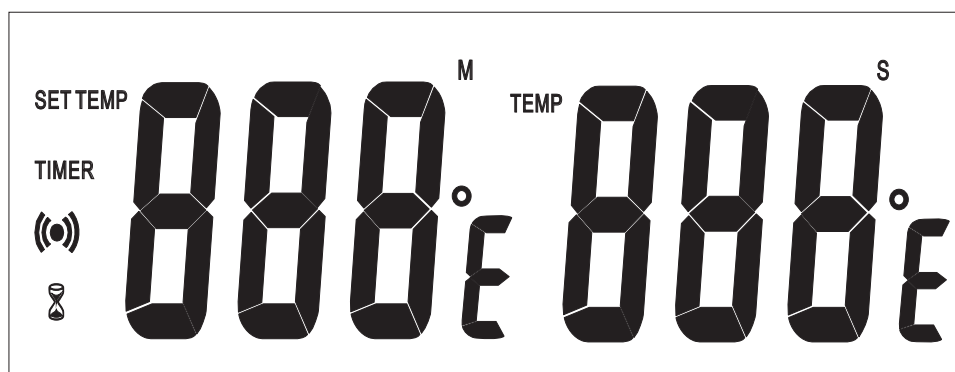




## 一) 功能特性

- 1) 工作電壓1.5V, 超低電源功耗
- 2) 溫度警報功能
- 3) 可進行華氏或攝氏轉換顯示
- 4) 按鍵提示音
- 5) 溫度量度範圍: -50~300 degC  
 溫度顯示精度: 0.1 degC (溫度低於100 degC)  
 溫度顯示精度: 0.5 degC (溫度高於100 degC)  
 溫度準確度: (準確度取決於溫度感應器)  
 +/- 1 degC 於 -20~100 degC  
 +/- 2 degC 於 -40~-20 degC 及 100~200 degC  
 +/- 5 degC 於其他測溫範圍
- 6) 正計時和倒計時功能(99分鐘59秒)

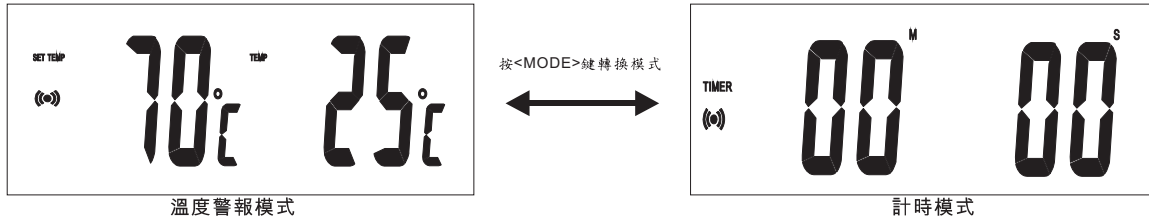
## 二) 液晶顯示圖案



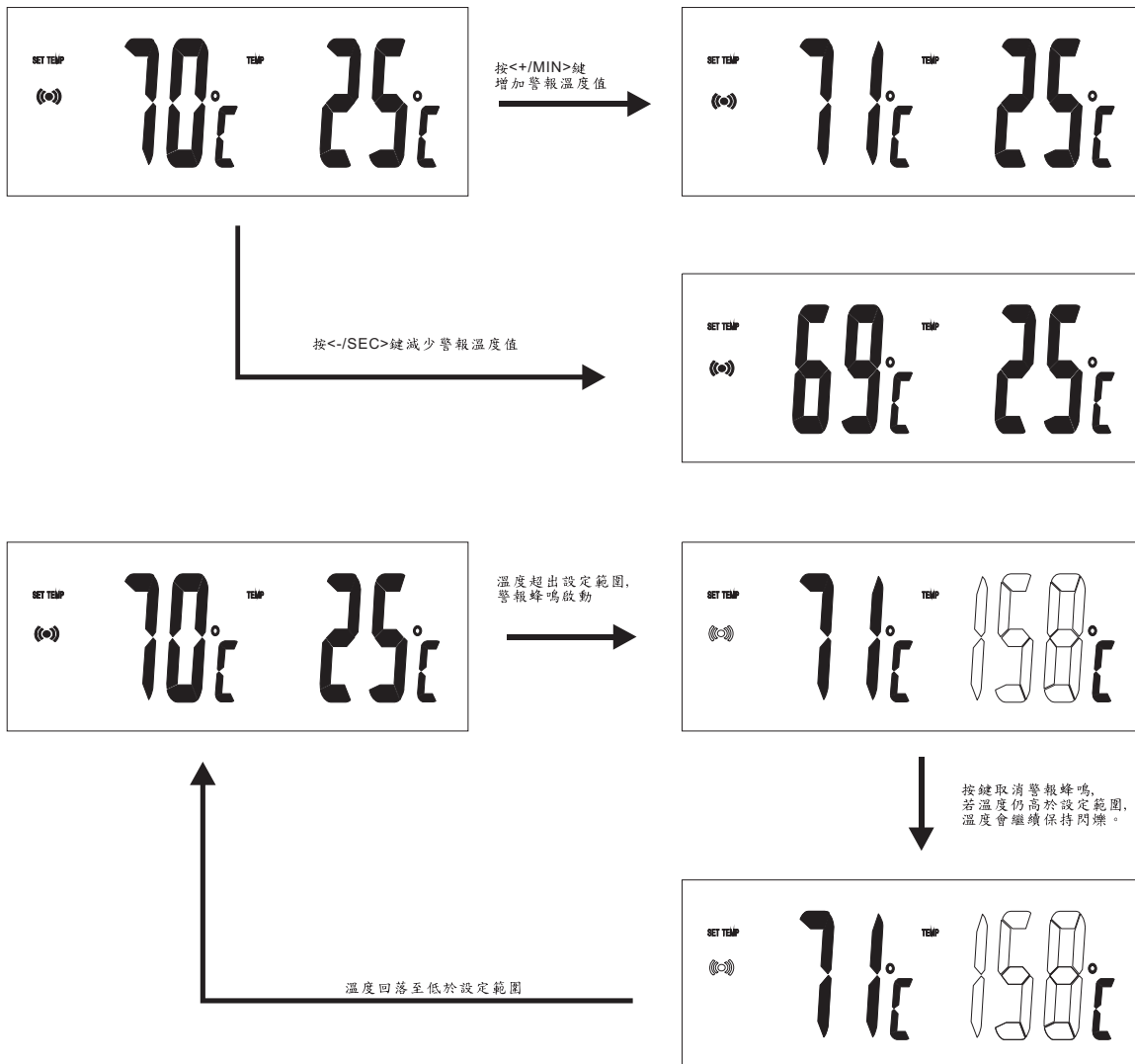


### 三) 按鍵操作

#### 模式轉換



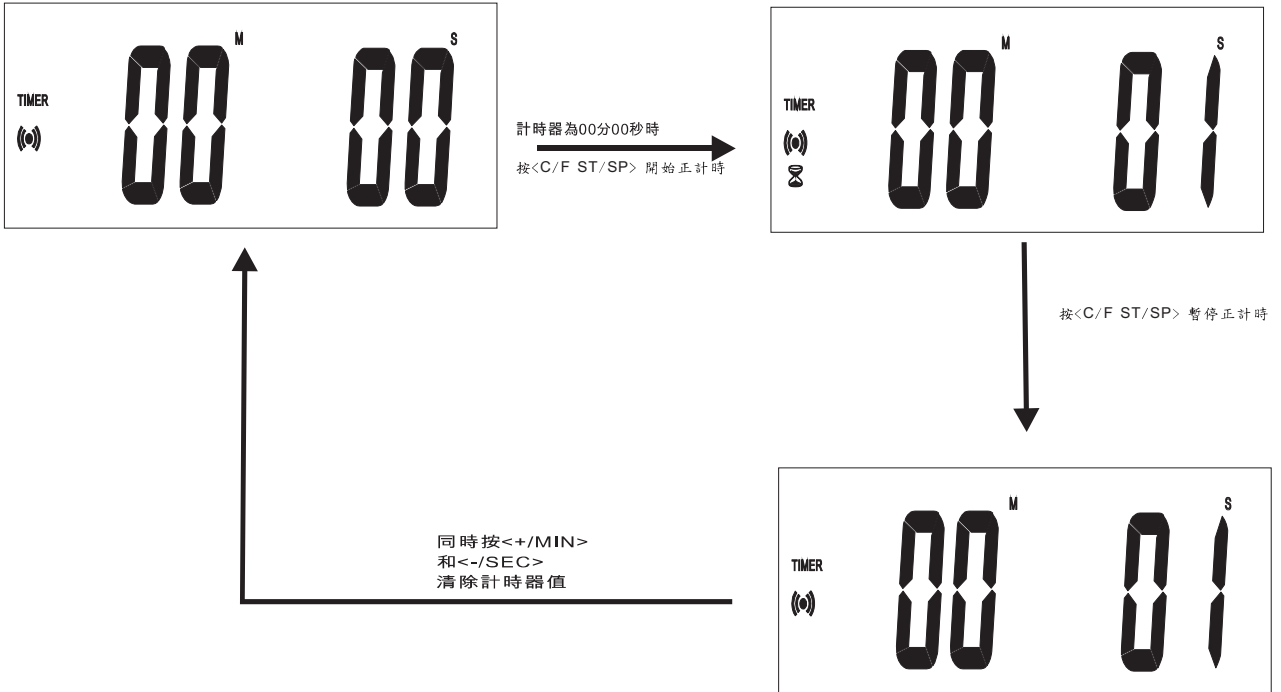
#### 溫度警報



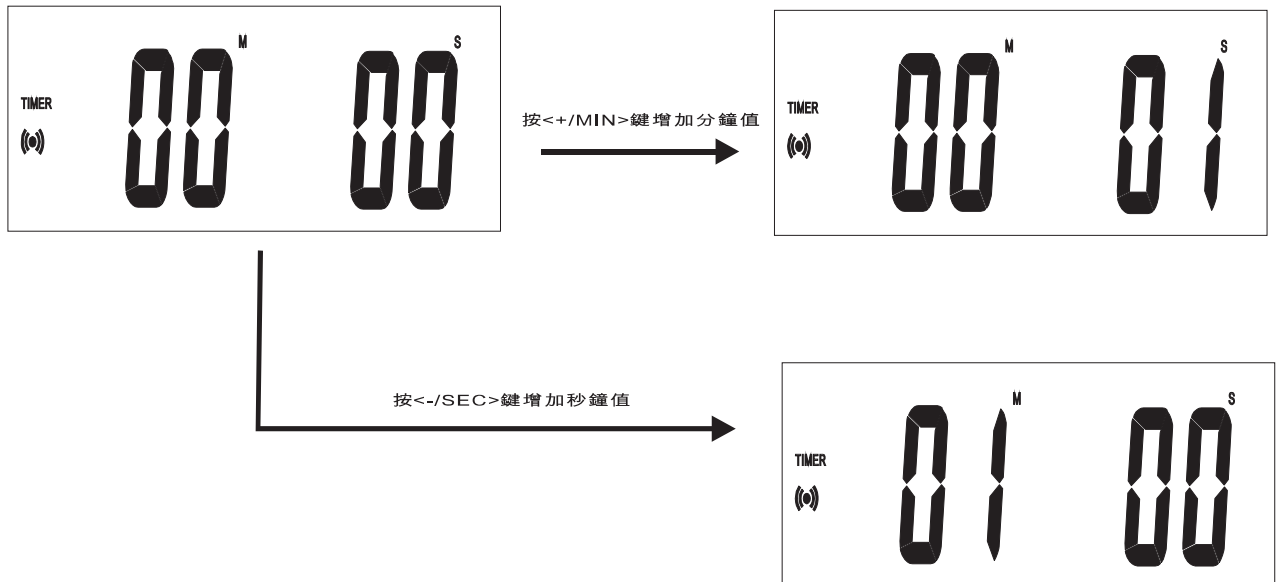
備註：警報蜂鳴開始後，若不按鍵停止，蜂鳴會連續維持1分鐘，之後每約15秒再響一下，直至按鍵停止。



## 正計時

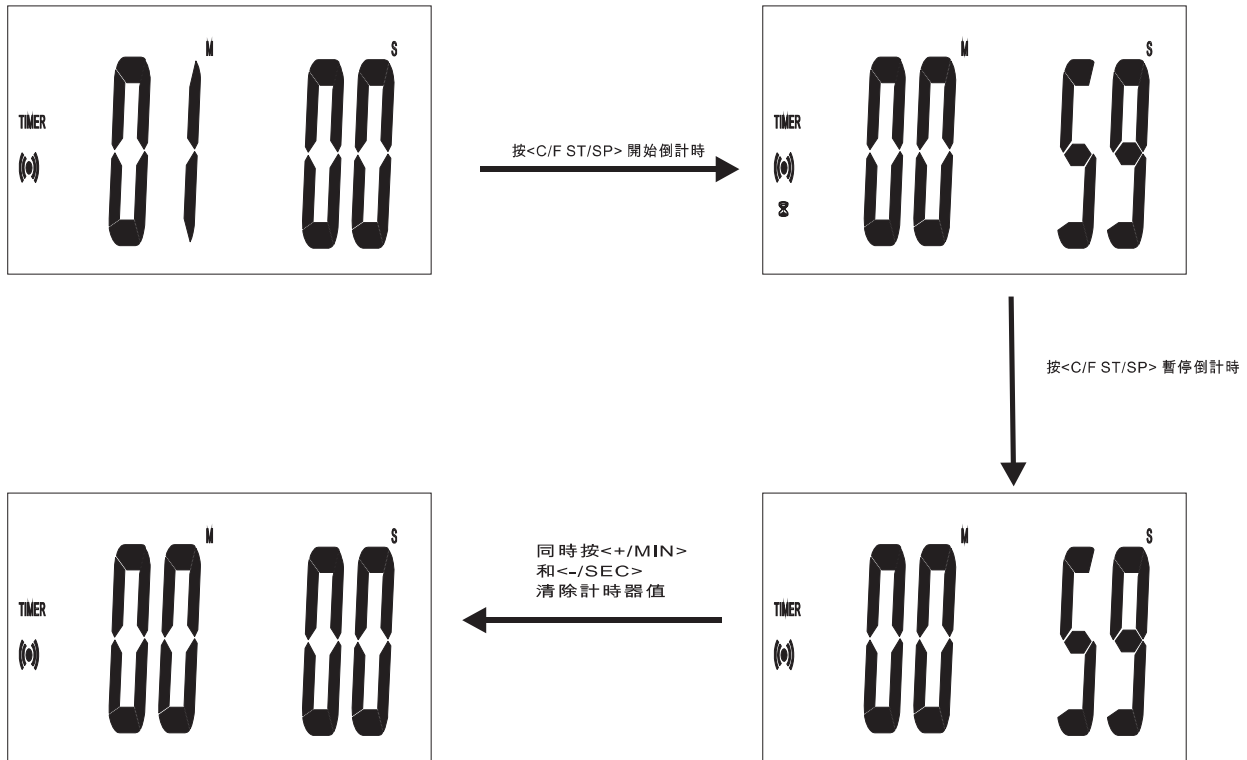


## 倒計時設定





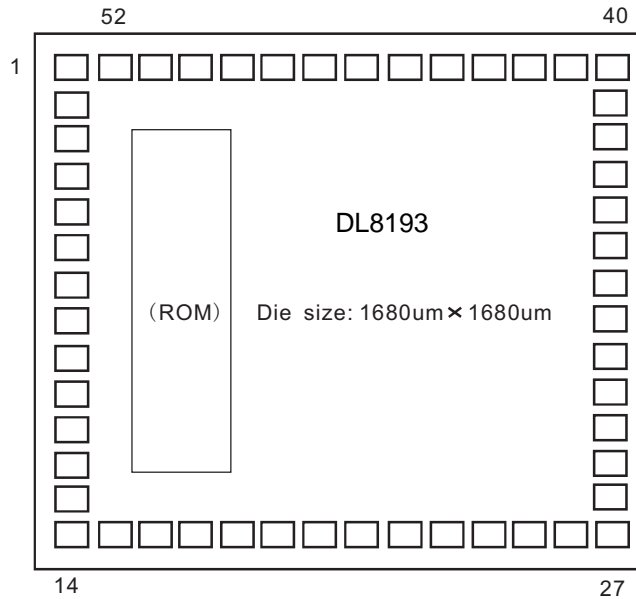
## 開始/暫停倒計時



## 倒計時警報

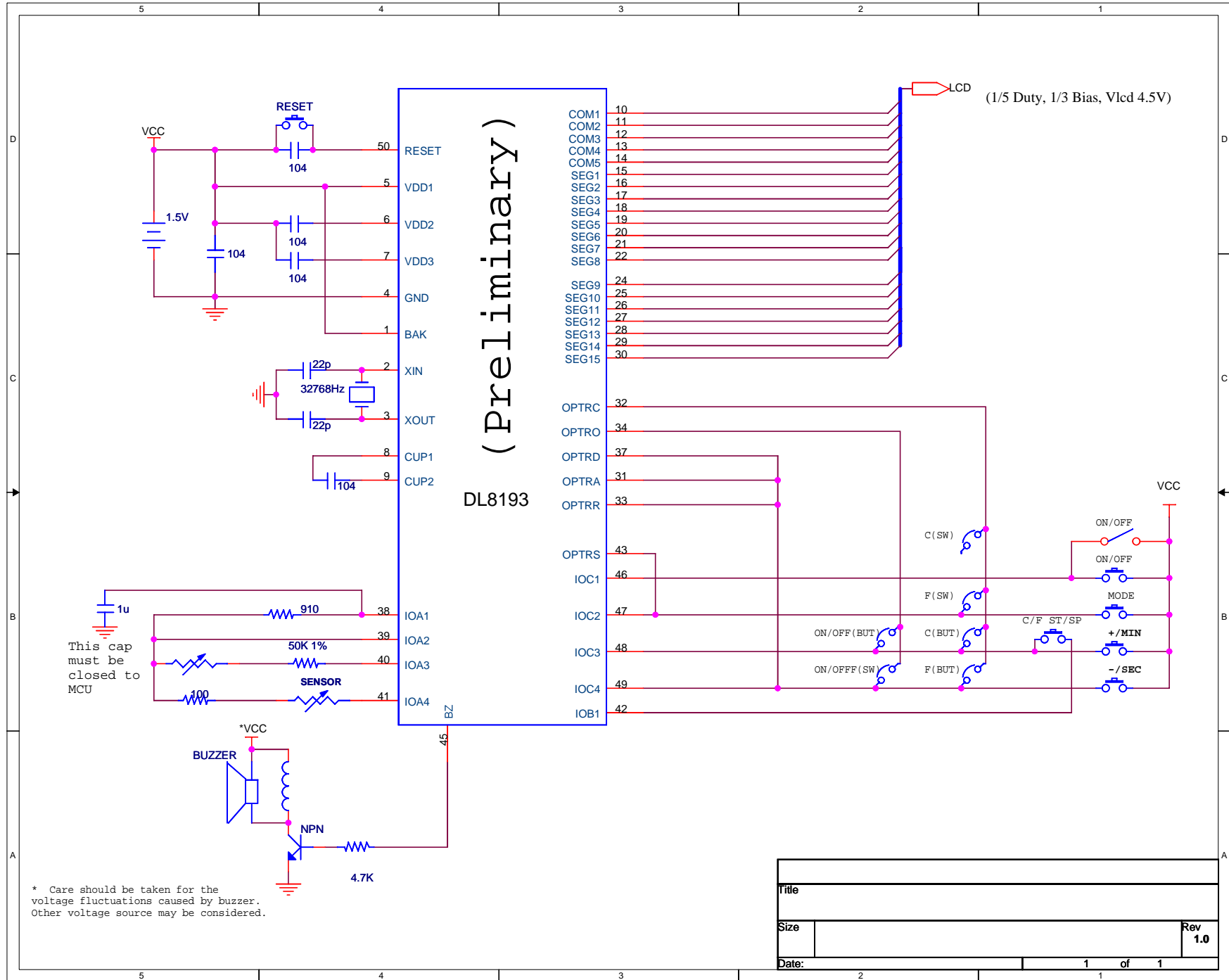


備註: 警報蜂鳴開始後,若不按鍵停止,蜂鳴會連續維持1分鐘



The substrate of chip should be connected to GND.

NO	NAME	X	Y	NO	NAME	X	Y
1	BAK	77.5	1602.5	27	SEG12	1602.5	77.5
2	XIN	77.5	1472.5	28	SEG13	1602.5	207.5
3	XOUT	77.5	1357.5	29	SEG14	1602.5	322.5
4	GND	77.5	1242.5	30	SEG15	1602.5	437.5
5	VDD1	77.5	1127.5	31	OPTRA	1602.5	552.5
6	VDD2	77.5	1012.5	32	OPTRC	1602.5	667.5
7	VDD3	77.5	897.5	33	OPTRR	1602.5	782.5
8	CUP1	77.5	782.5	34	OPTRO	1602.5	897.5
9	CUP2	77.5	667.5	35	N.C.	1602.5	1012.5
10	COM1	77.5	552.5	36	N.C.	1602.5	1127.5
11	COM2	77.5	437.5	37	OTPRD	1602.5	1242.5
12	COM3	77.5	322.5	38	IOA1	1602.5	1357.5
13	COM4	77.5	207.5	39	IOA2	1602.5	1472.5
14	COM5	77.5	77.5	40	IOA3	1602.5	1602.5
15	SEG1	207.5	77.5	41	IOA4	1472.5	1602.5
16	SEG2	322.5	77.5	42	IOB1	1372.5	1602.5
17	SEG3	437.5	77.5	43	OPTRS	1242.5	1602.5
18	SEG4	552.5	77.5	44	N.C.	1127.5	1602.5
19	SEG5	667.5	77.5	45	BZ	1012.5	1602.5
20	SEG6	782.5	77.5	46	IOC1	897.5	1602.5
21	SEG7	897.5	77.5	47	IOC2	782.5	1602.5
22	SEG8	1012.5	77.5	48	IOC3	667.5	1602.5
23	N.C.	1127.5	77.5	49	IOC4	552.5	1602.5
24	SEG9	1242.5	77.5	50	RESET	437.5	1602.5
25	SEG10	1357.5	77.5	51	N.C.	322.5	1602.5
26	SEG11	1472.5	77.5	52	N.C.	207.5	1602.5



DL8193 (Preliminary)

This cap must be closed to MCU

\* Care should be taken for the voltage fluctuations caused by buzzer. Other voltage source may be considered.

Title	
Size	Rev 1.0
Date:	1 of 1



深圳市晶峰达电子科技有限公司

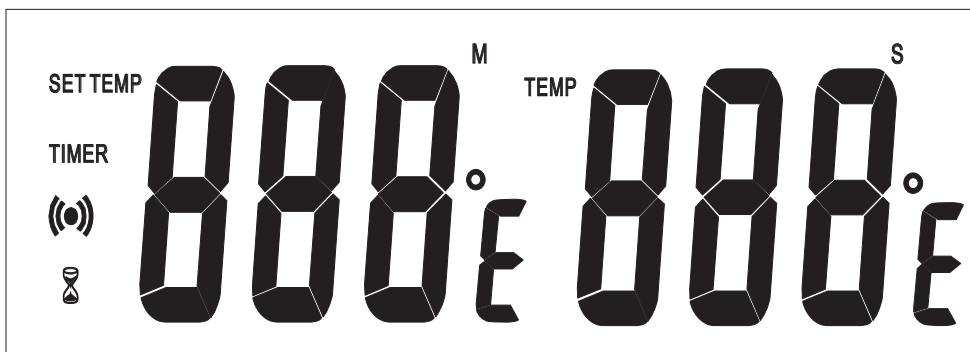
东莞市琪芯电子有限公司

电话:13798528768,0769-81555915 传真:85338927

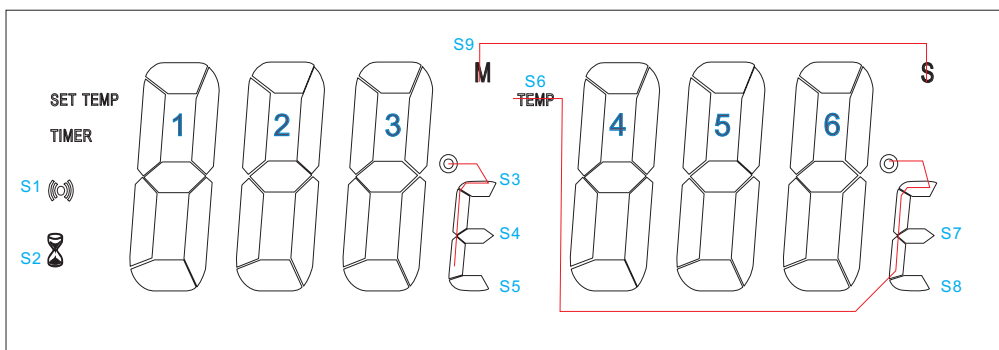
邮箱:info@jfd-ic.com, QQ:1873357672

网址:www.jfd-ic.com MSN:aleafuyzf@hotmail.com

Skype:junfuyu 阿里旺旺:晶峰达电子科技



1/5 Duty, 1/3BIAS, Vlcd 4.5V



	SEG1	SEG2	SEG3	SEG4	SEG5	SEG6	SEG7	SEG8
COM1					S9			
COM2	SET TEMP				2A		3A	3B
COM3	TIMER	1A	1B	2F	2B	3F	3G	S3
COM4	S1	1F	1G	1C	2G	3E	3C	
COM5	S2	1E	1D	2E	2D	2C	3D	
	SEG9	SEG10	SEG11	SEG12	SEG13	SEG14	SEG15	
COM1	4A	4B						
COM2	4F	4G	5A	6A				
COM3	4E	4C	5F	5B	6B		S6	
COM4	S4	4D	5G	6F	6G	6C	S7	
COM5	S5	5E	5D	5C	6E	6D	S8	