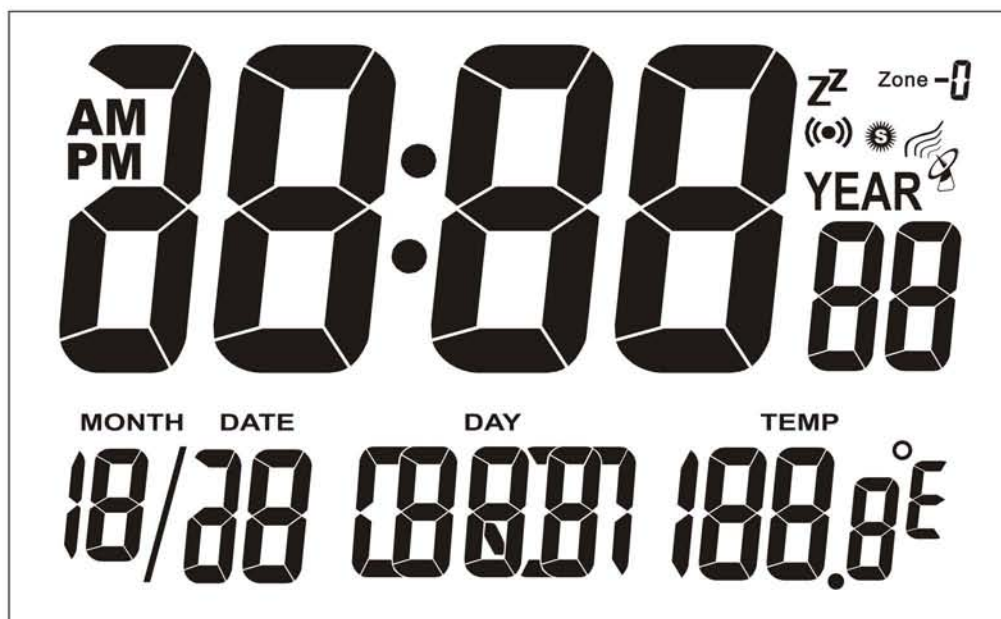


德国电波温度时钟IC

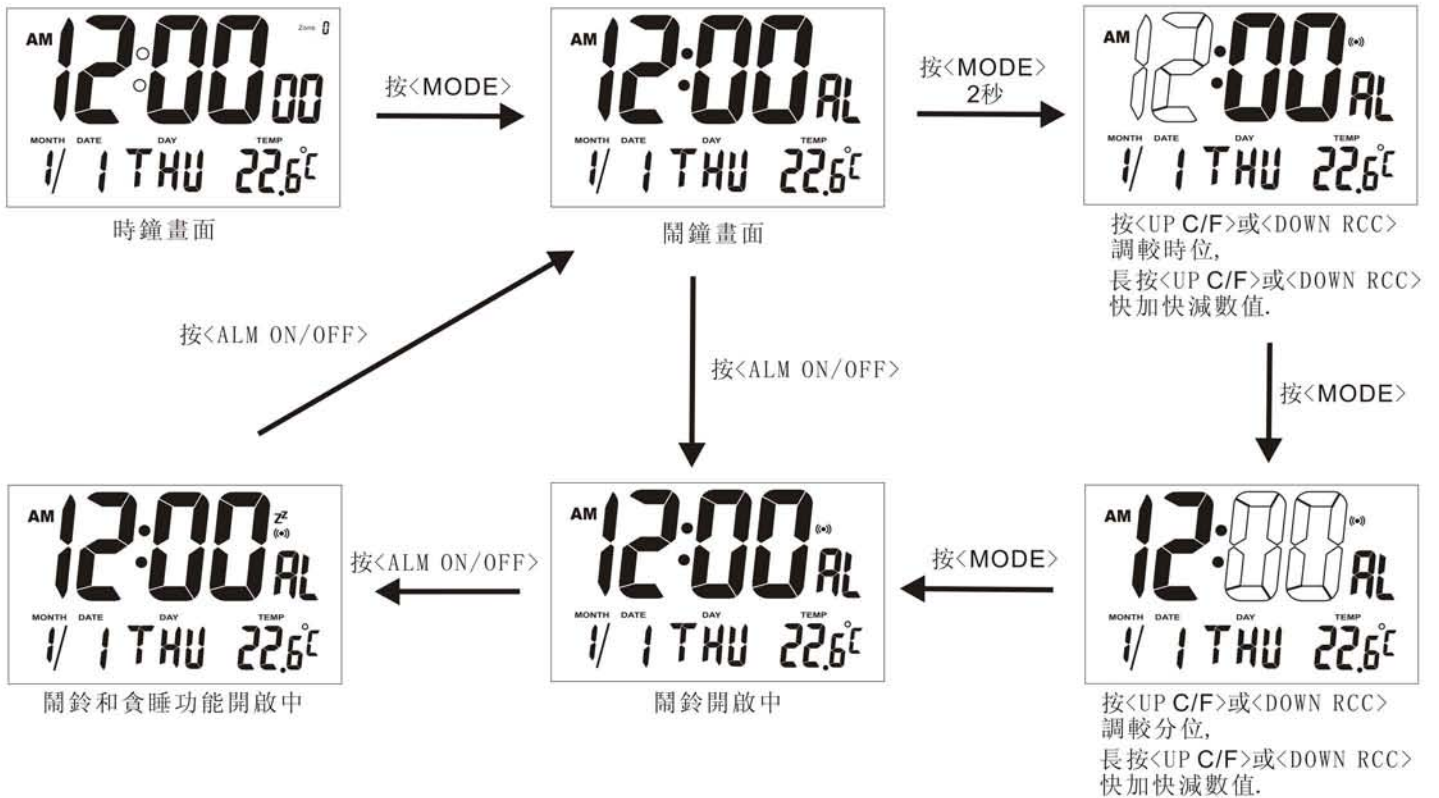
一) 功能特性

- 1) 工作電壓3.0V, 超低電源功耗
- 2) 基本的時間顯示, 有12/24小時制轉換
- 3) 有鬧鐘顯示, 5分鐘貪睡時間
- 4) 年曆範圍: 2000~2099年. (開機顯示2004年)
- 5) 可選擇攝氏或華氏顯示溫度
- 6) 溫度範圍: -9~+70degC
溫度精確度: +/-1degC
溫度顯示精度: 0.1degC
- 7) 邦定選擇英文, 德文和7 icon顯示星期
- 8) 邦定選擇RCC功能
- 9) 有3秒燈光照明

二) 液晶顯示圖案



2) 設定鬧鐘



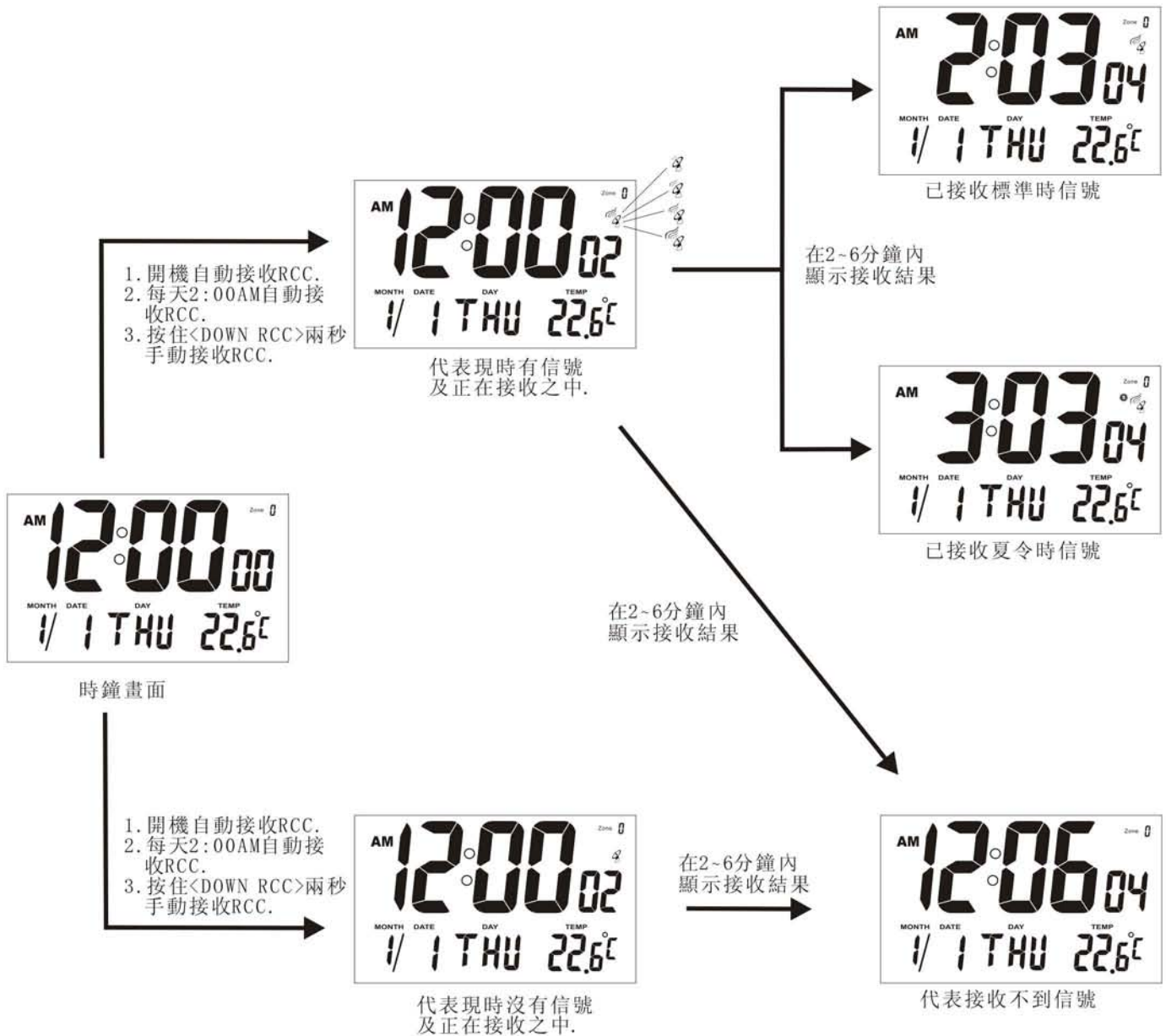
3) 設定時區



備註:

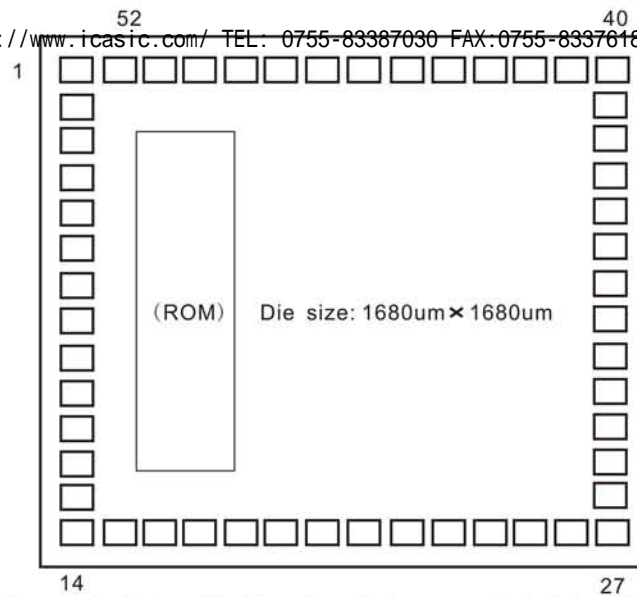
假設<zone 0>為德國, 若電波鐘的時區調至<zone 1>或<zone -1>, 當成功接收德國RCC後, 所顯示之時間已自動調整+1或-1小時

4) RCC接收流程圖



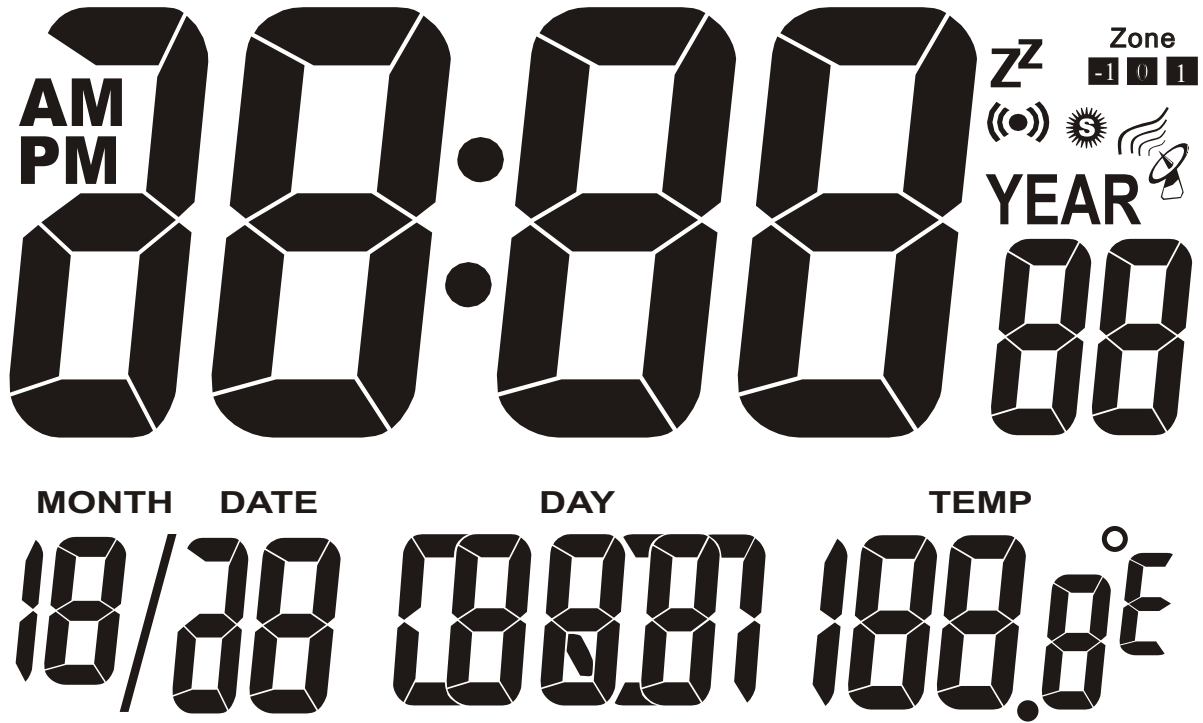
備註:

1. 若接收不到信號，將於下一小時自動進行追收，共2次
2. 當正接收"RCC"時，除<Down/Rcc>和<Light>鍵外，其他按鍵沒有功能

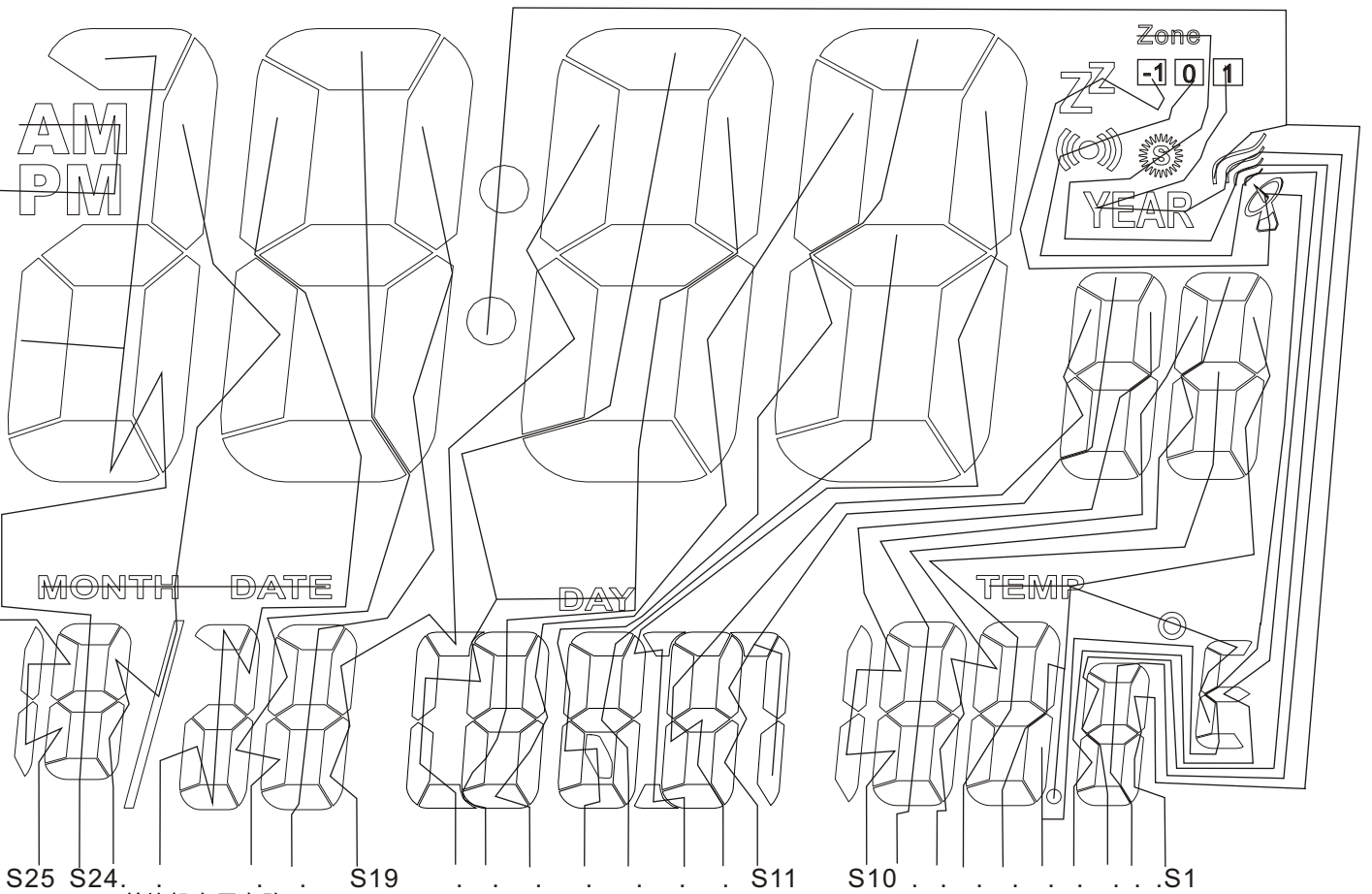
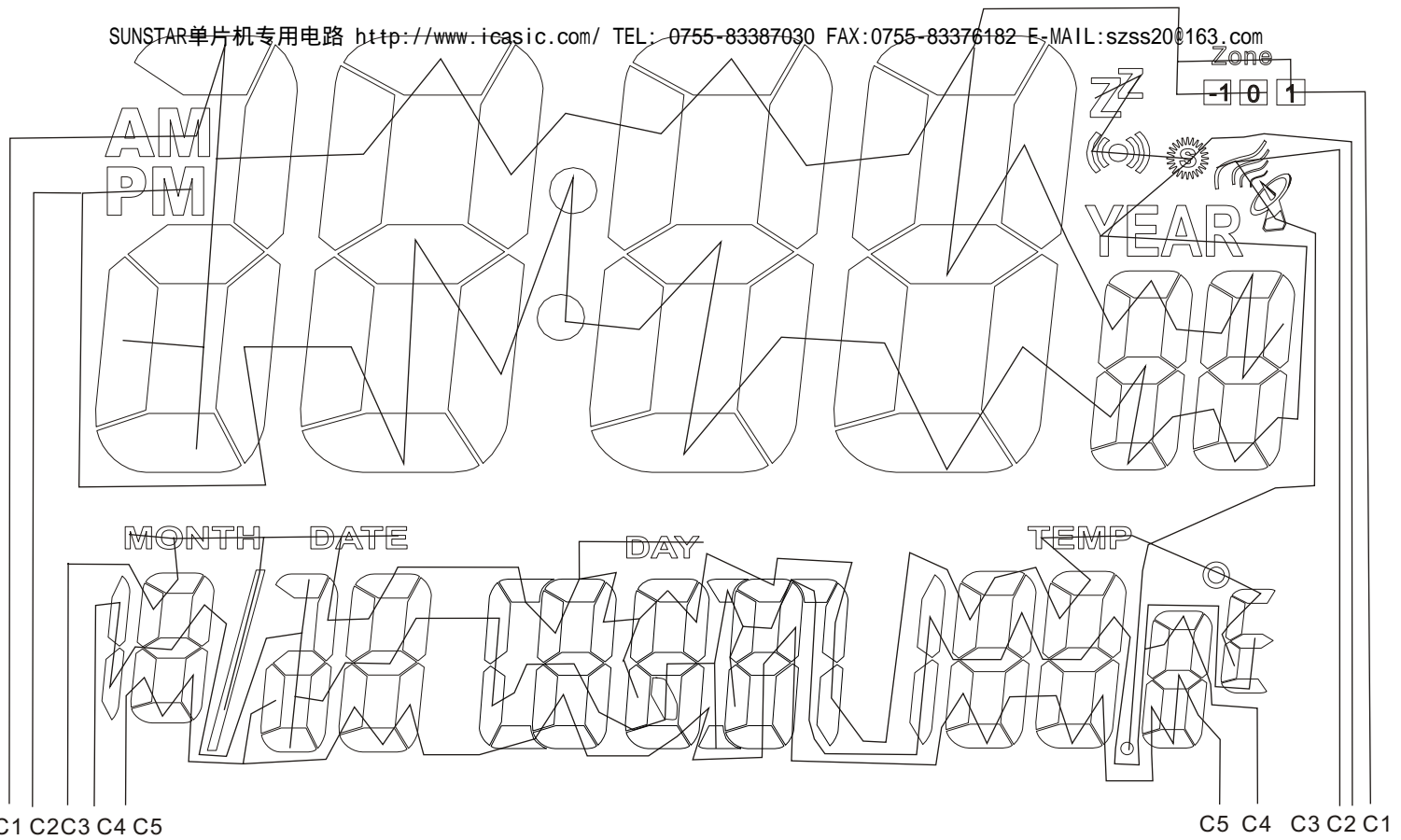


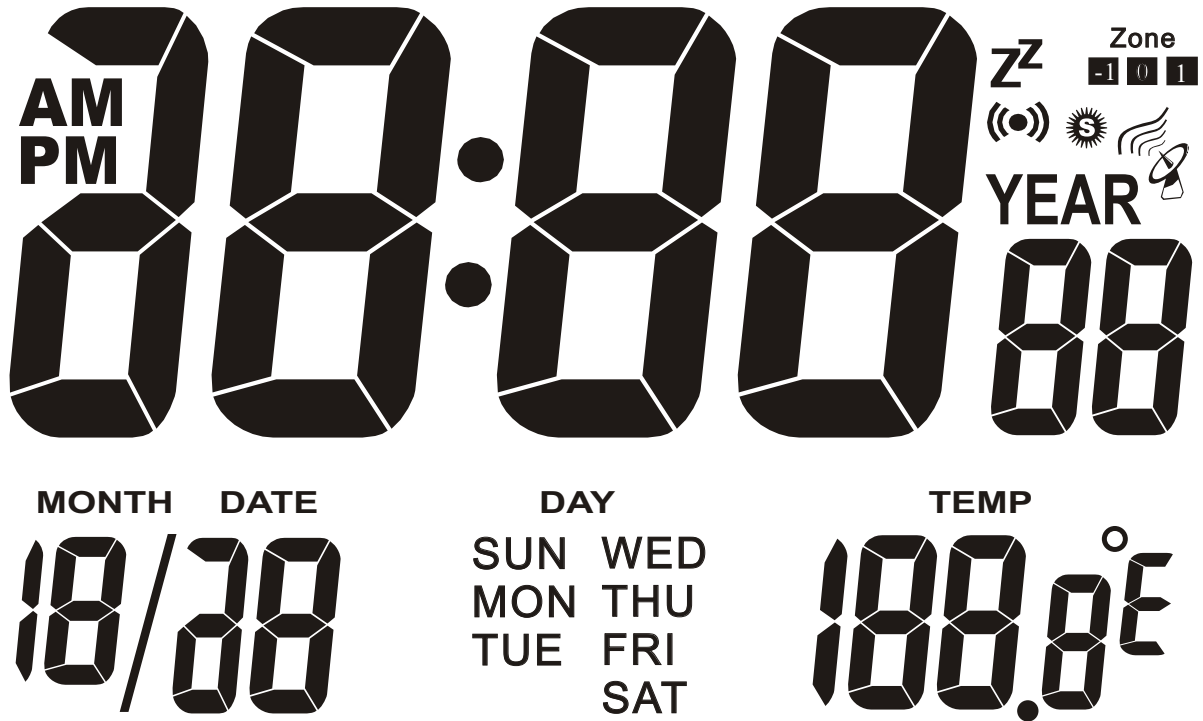
The substrate of chip should be connected to GND.

NO	NAME	X	Y	NO	NAME	X	Y
1	BAK	77.5	1602.5	27	SEG13	1602.5	77.5
2	XIN	77.5	1472.5	28	SEG14	1602.5	207.5
3	XOUT	77.5	1357.5	29	SEG15	1602.5	322.5
4	GND	77.5	1242.5	30	SEG16	1602.5	437.5
5	VDD1	77.5	1127.5	31	SEG17	1602.5	552.5
6	VDD2	77.5	1012.5	32	SEG18	1602.5	667.5
7	VDD3	77.5	897.5	33	SEG19	1602.5	782.5
8	CUP1	77.5	782.5	34	SEG20	1602.5	897.5
9	CUP2	77.5	667.5	35	SEG21	1602.5	1012.5
10	COM1	77.5	552.5	36	SEG22	1602.5	1127.5
11	COM2	77.5	437.5	37	SEG23	1602.5	1242.5
12	COM3	77.5	322.5	38	SEG24	1602.5	1357.5
13	COM4	77.5	207.5	39	SEG25	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	PON	1372.5	1602.5
17	SEG3	437.5	77.5	43	TCO	1242.5	1602.5
18	SEG4	552.5	77.5	44	LIGHT	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	SEG9	1127.5	77.5	49	OPT	552.5	1602.5
24	SEG10	1242.5	77.5	50	RESET	437.5	1602.5
25	SEG11	1357.5	77.5	51	INT	322.5	1602.5
26	SEG12	1472.5	77.5	52	N.C.	207.5	1602.5

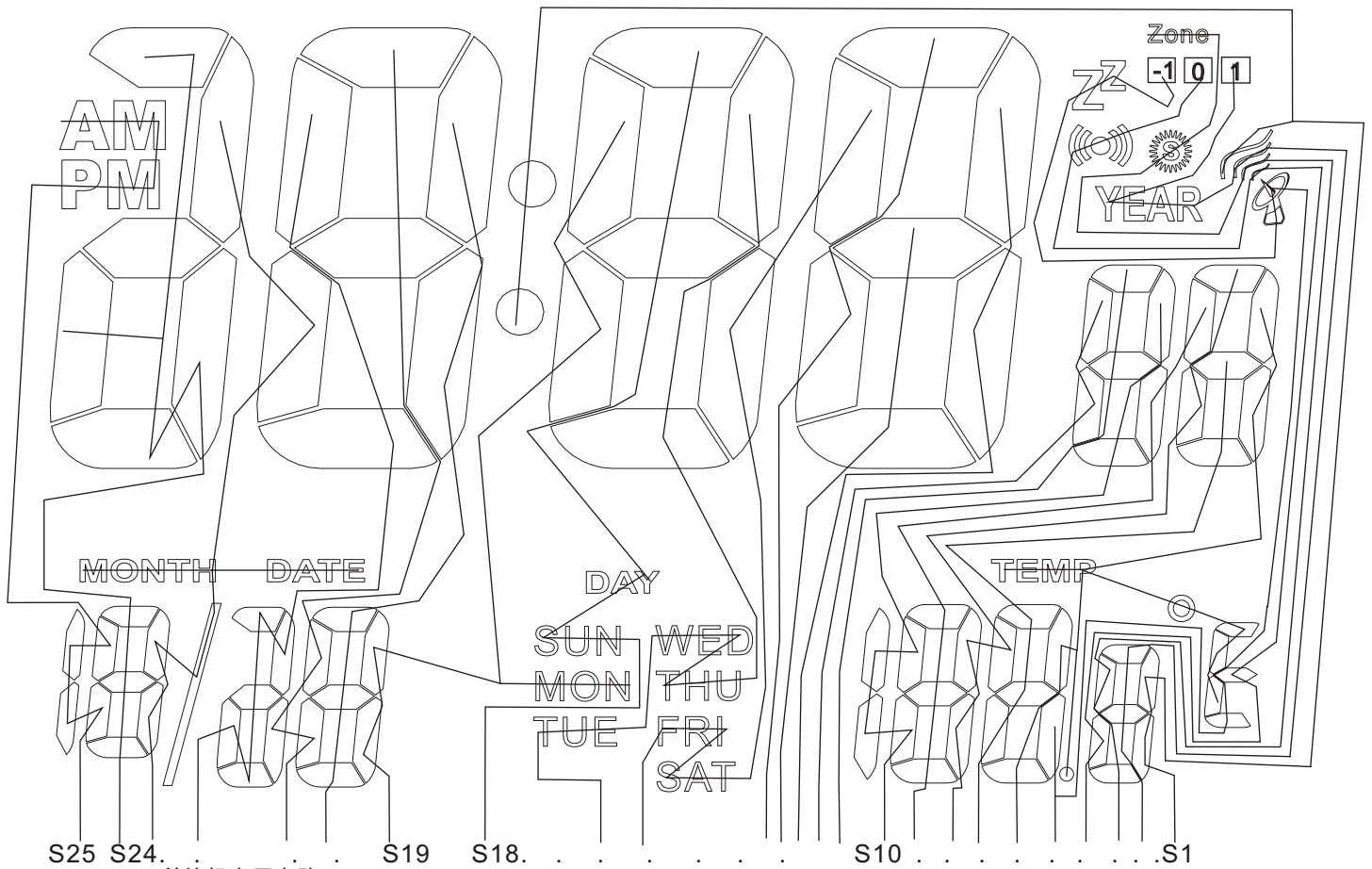
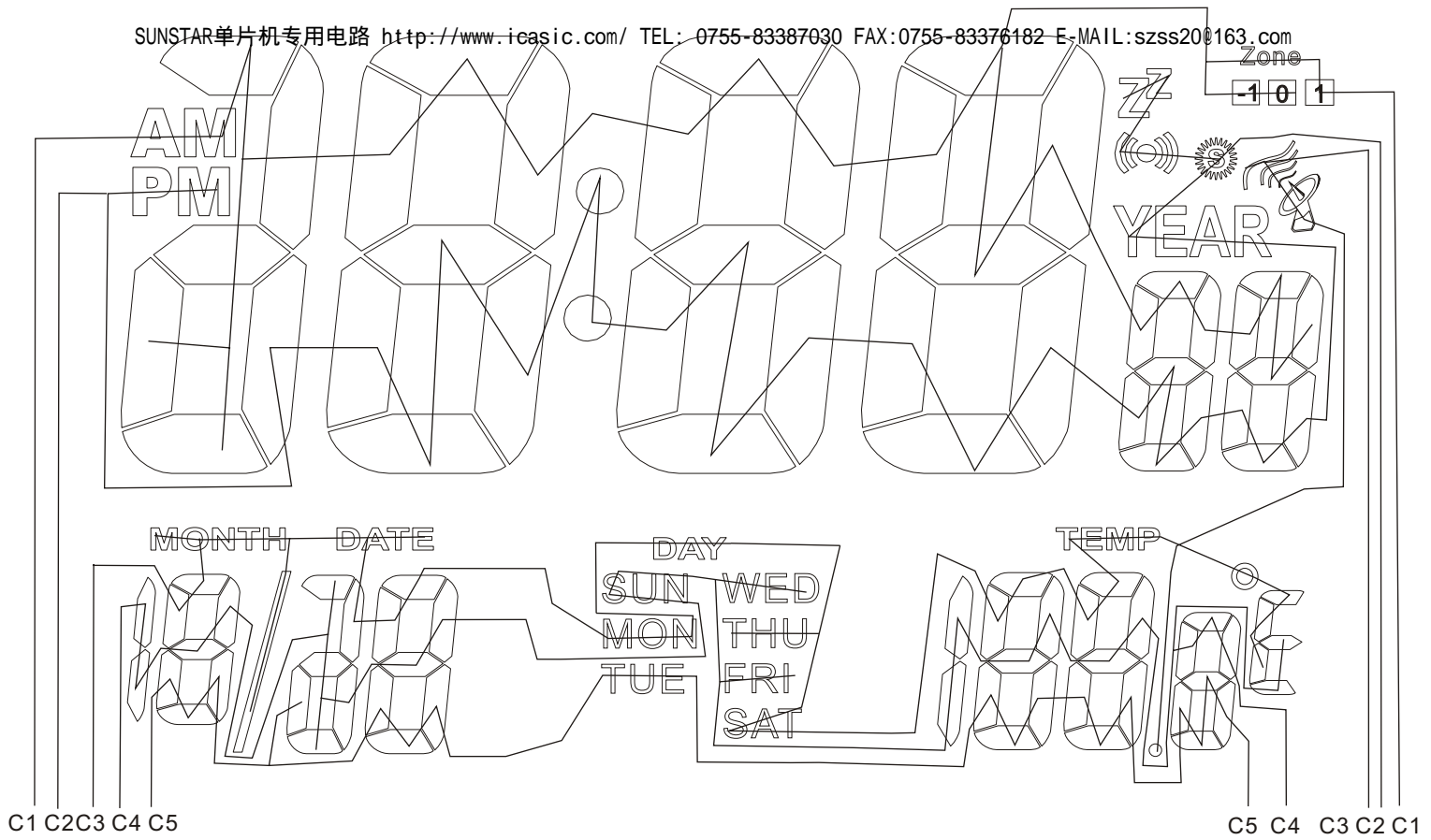


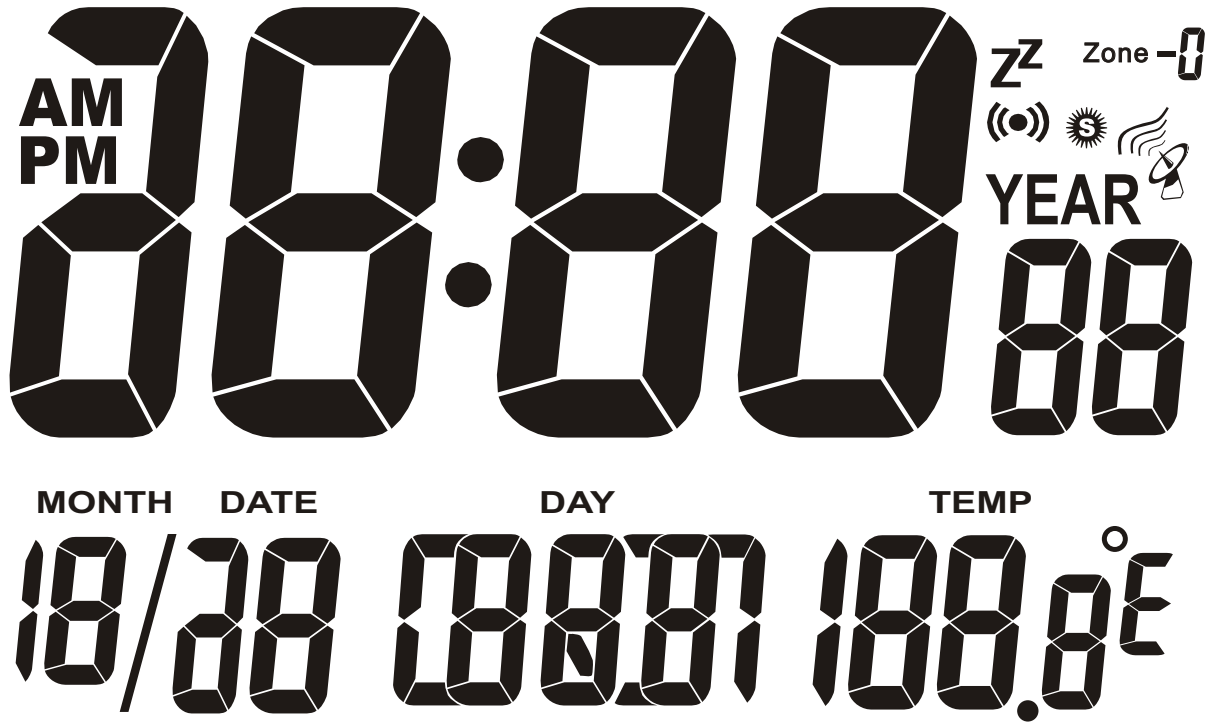
1/5 Duty, 1/3 Bias, $V_{lcd} = 4.5V$



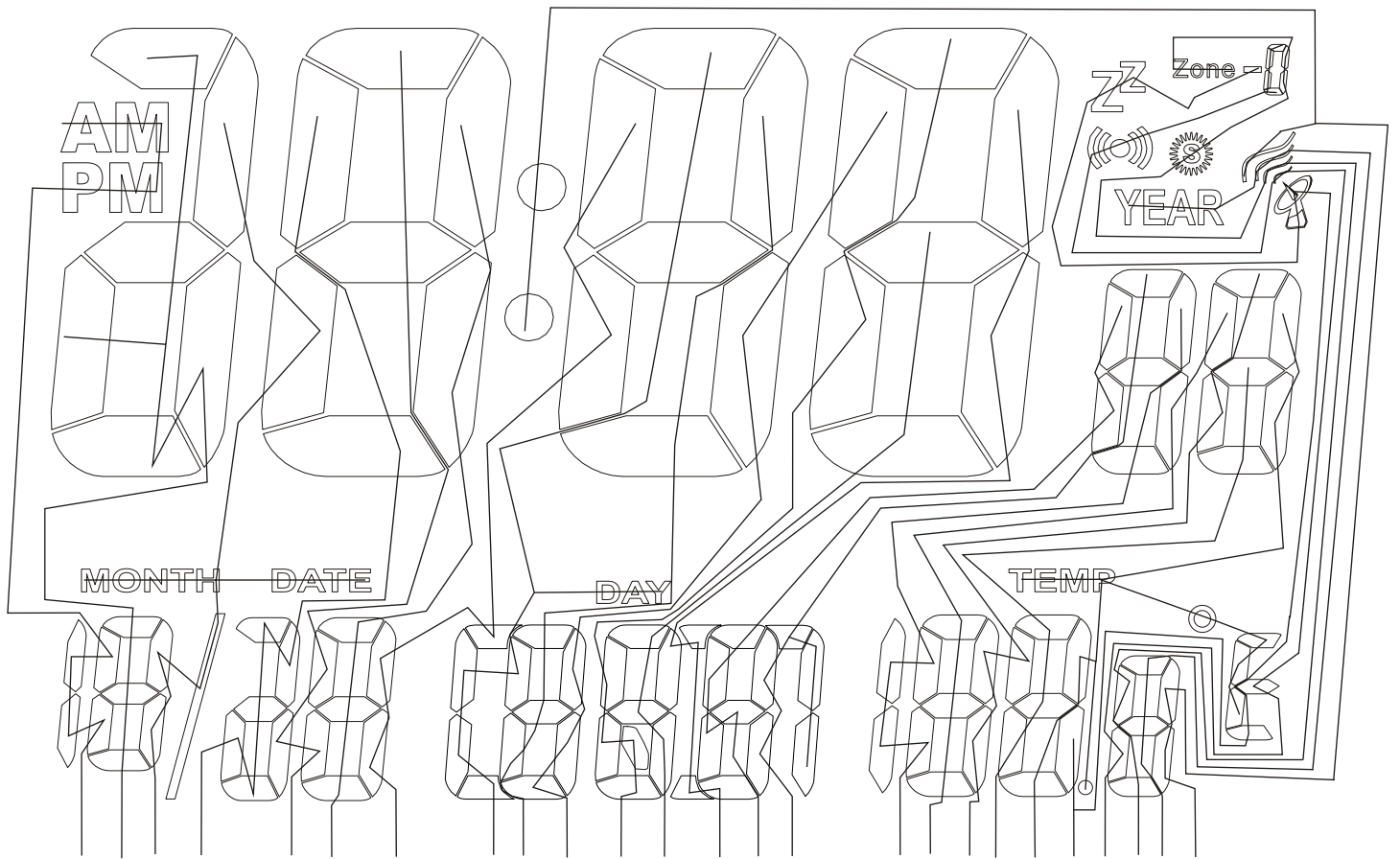
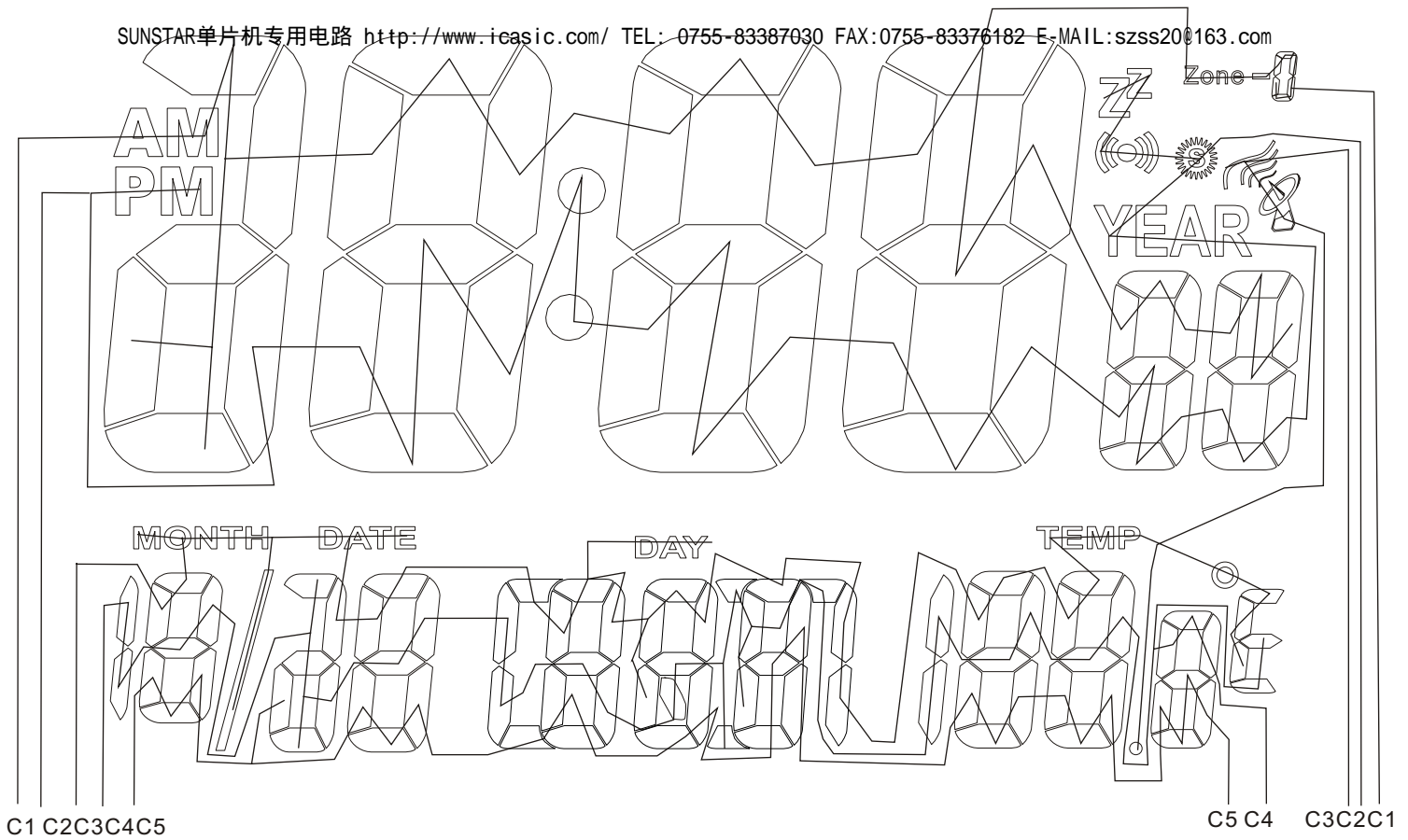


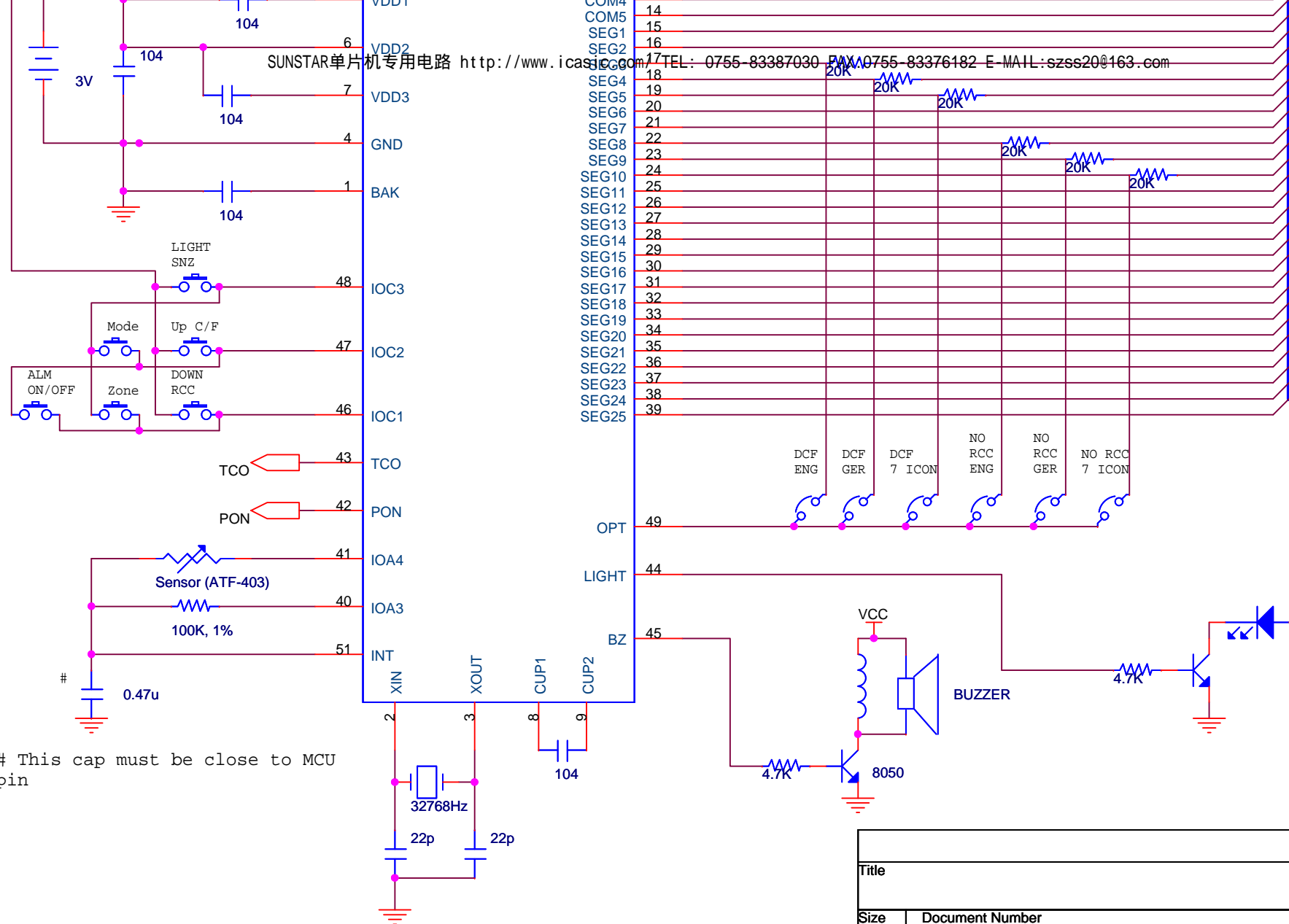
1/5 Duty, 1/3 Bias, $V_{lcd} = 4.5V$





1/5 Duty, 1/3 Bias, $V_{lcd} = 4.5V$





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This cap must be close to MCU pin

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Title		
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Date:	Sheet 1 of 1	