

## 温湿度计时钟 IC

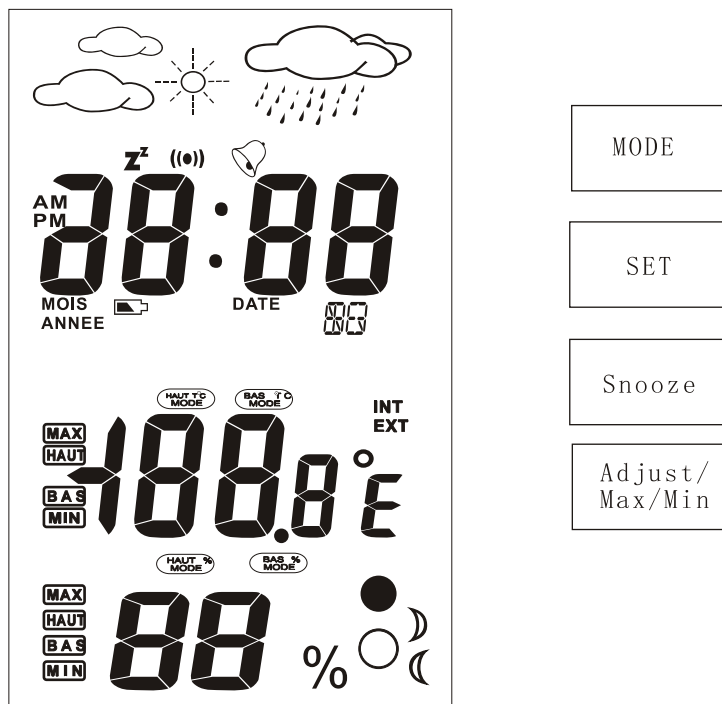
### 产 品 规 格 书

# 溫濕度計時鐘

## 一) 功能特性

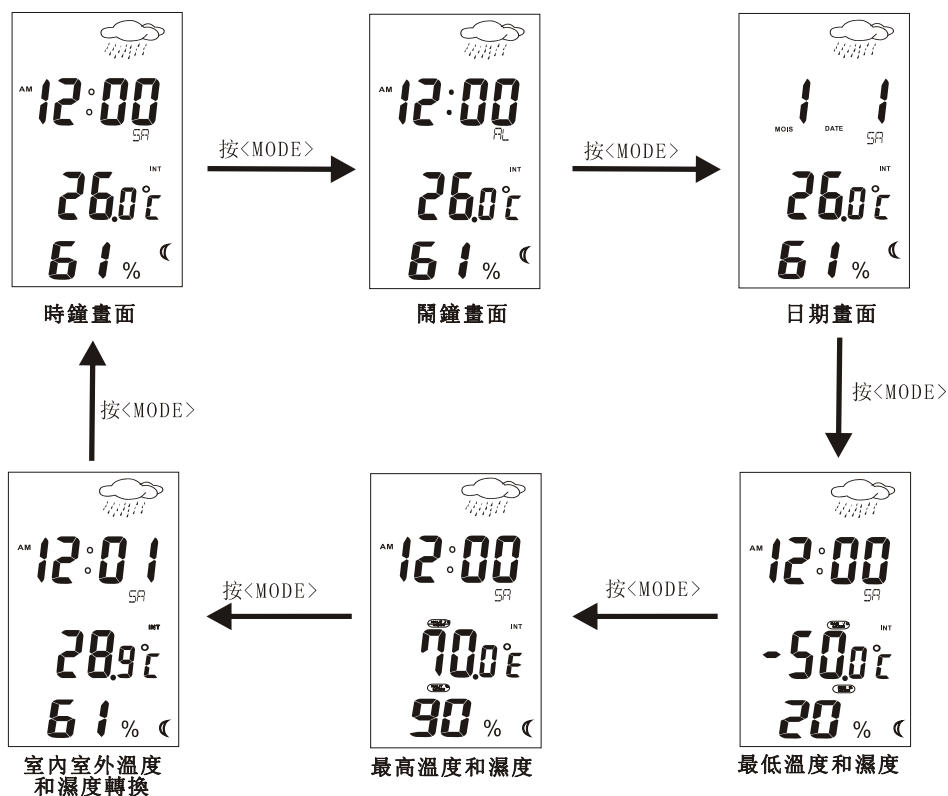
- 1) 工作電壓1.5V, 超低電源功耗
- 2) 基本的時間顯示, 有12/24小時轉換
- 3) 年曆範圍: 2000~2099年. (開機顯示2005年)
- 4) 可選擇攝氏或華氏顯示溫度
- 5) 溫度範圍:  
室外: -50~+70 degC (-58~158 degF)  
室內: -10~+60 degC (14~+140 degF)  
溫度精確度:  $\pm 1$  degC  
溫度顯示精度: 0.1 degC
- 6) 濕度顯示範圍: 20~90%RH  
濕度精確度:  $\pm 5$ %RH
- 7) 邦定選擇室外溫度
- 8) 有鬧鐘顯示和5分鐘貪睡功能
- 9) 有按鍵提示音
- 10) 邦定選擇星期顯示: 英, 法, 德, 西

## 二) 液晶顯示圖案



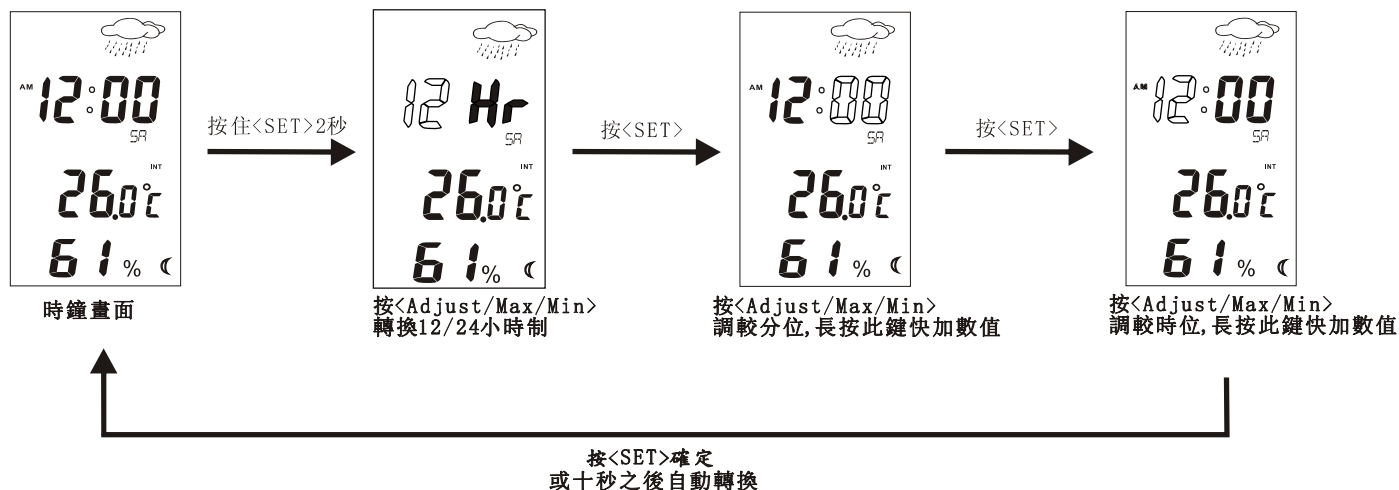
### 三) 流程圖

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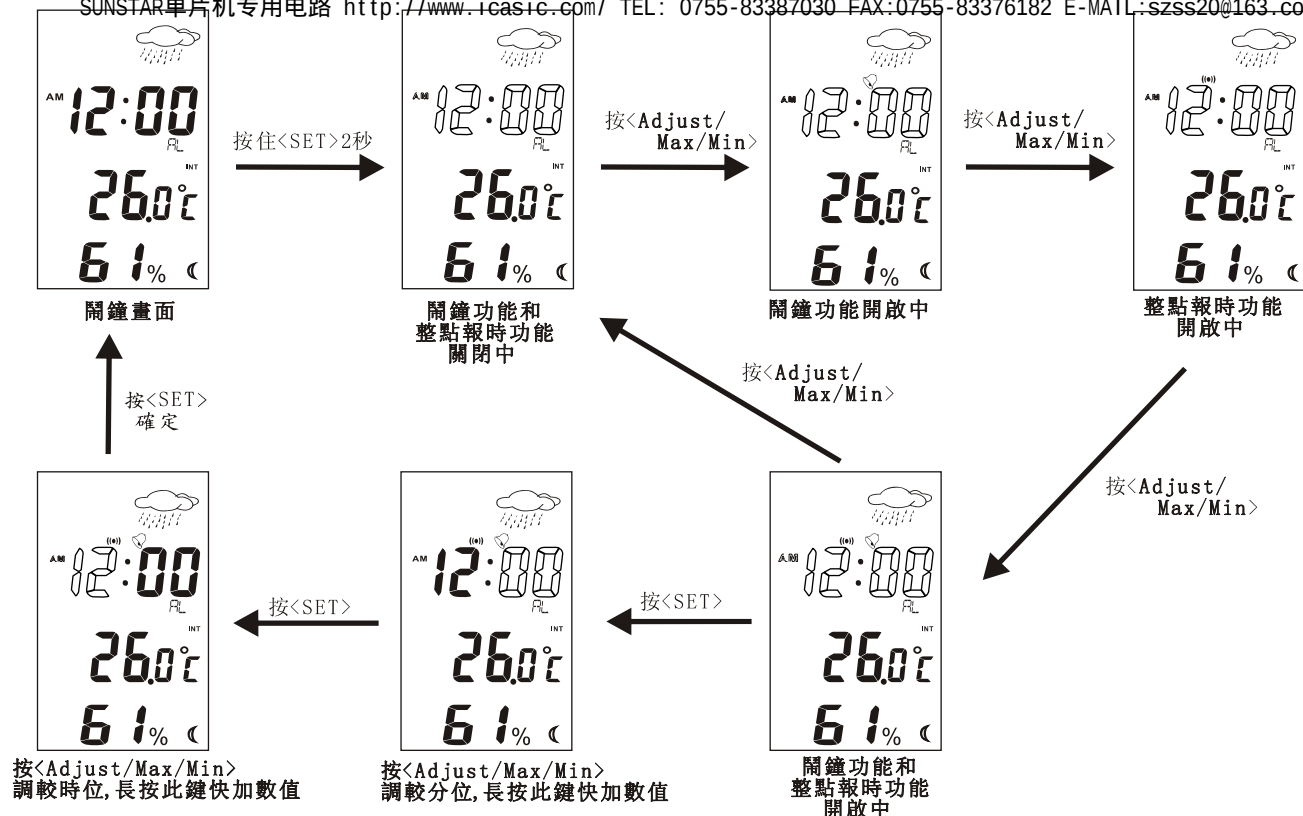
### 四) 操作說明

#### 1) 設定時間



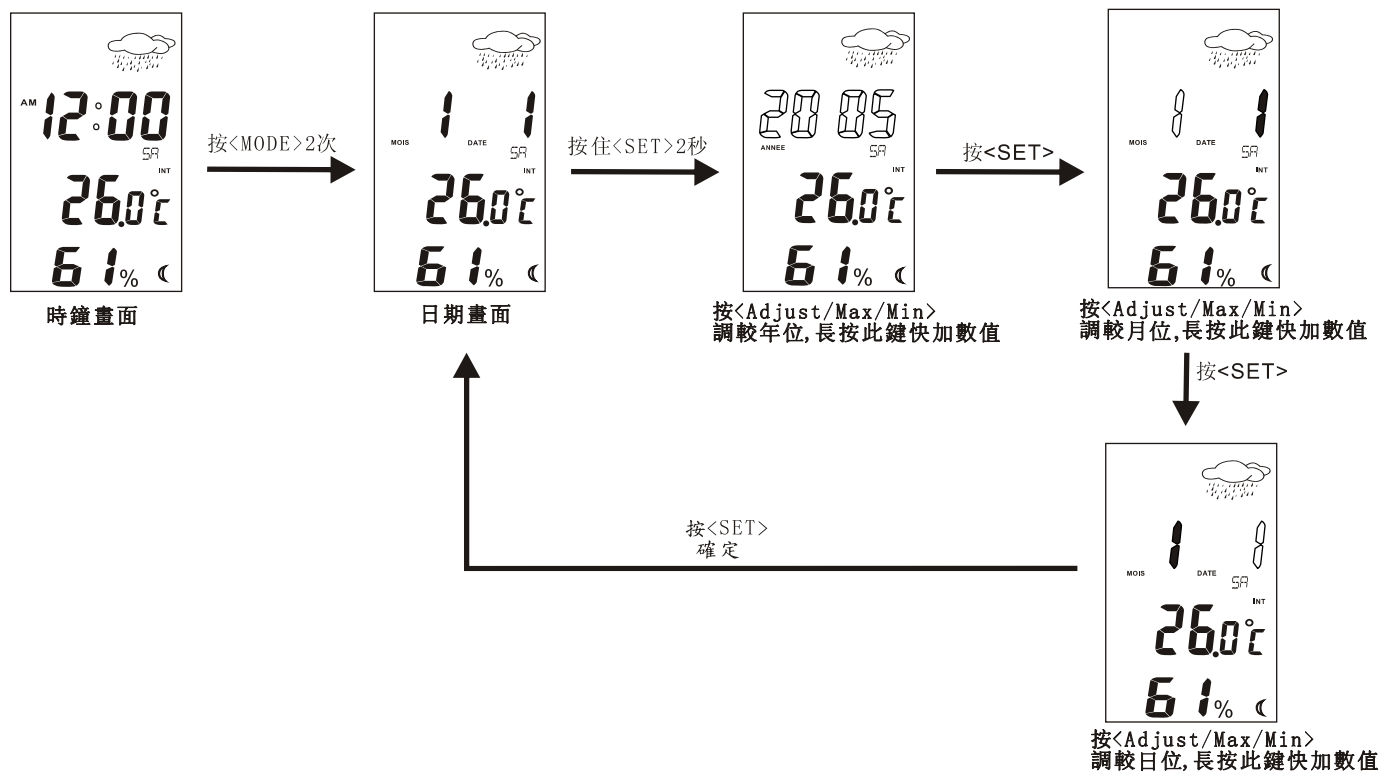
## 2)設定鬧鐘

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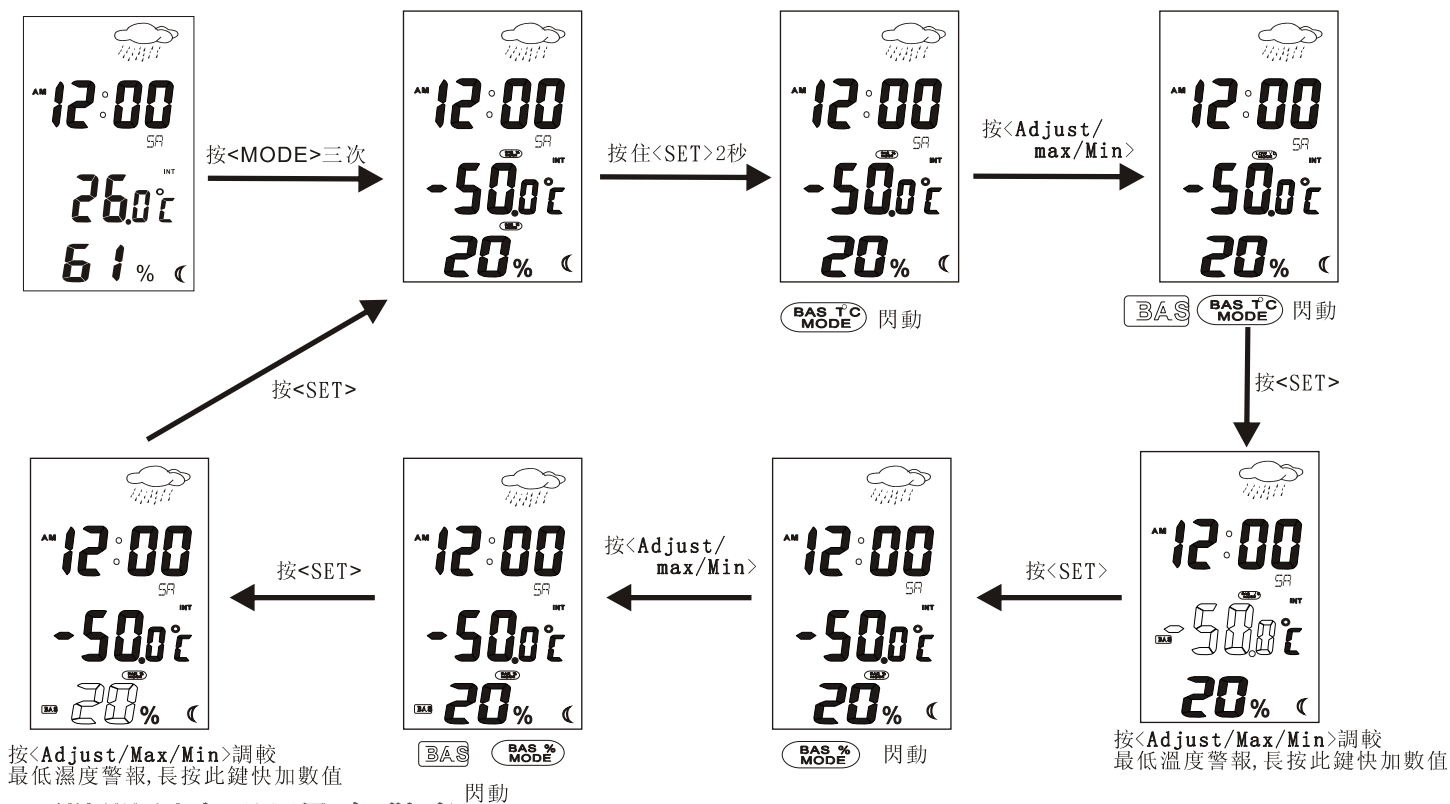
註: - ALM響鬧時按<SNZ>進入貪睡功能,每5分鐘響鬧一次,無限次貪睡  
- 貪睡響鬧時按其它按鍵(除SNZ鍵外)可關閉貪睡功能  
- 貪睡進行中進入設置時間或鬧鐘模式可關閉貪睡功能

## 3)設定日期

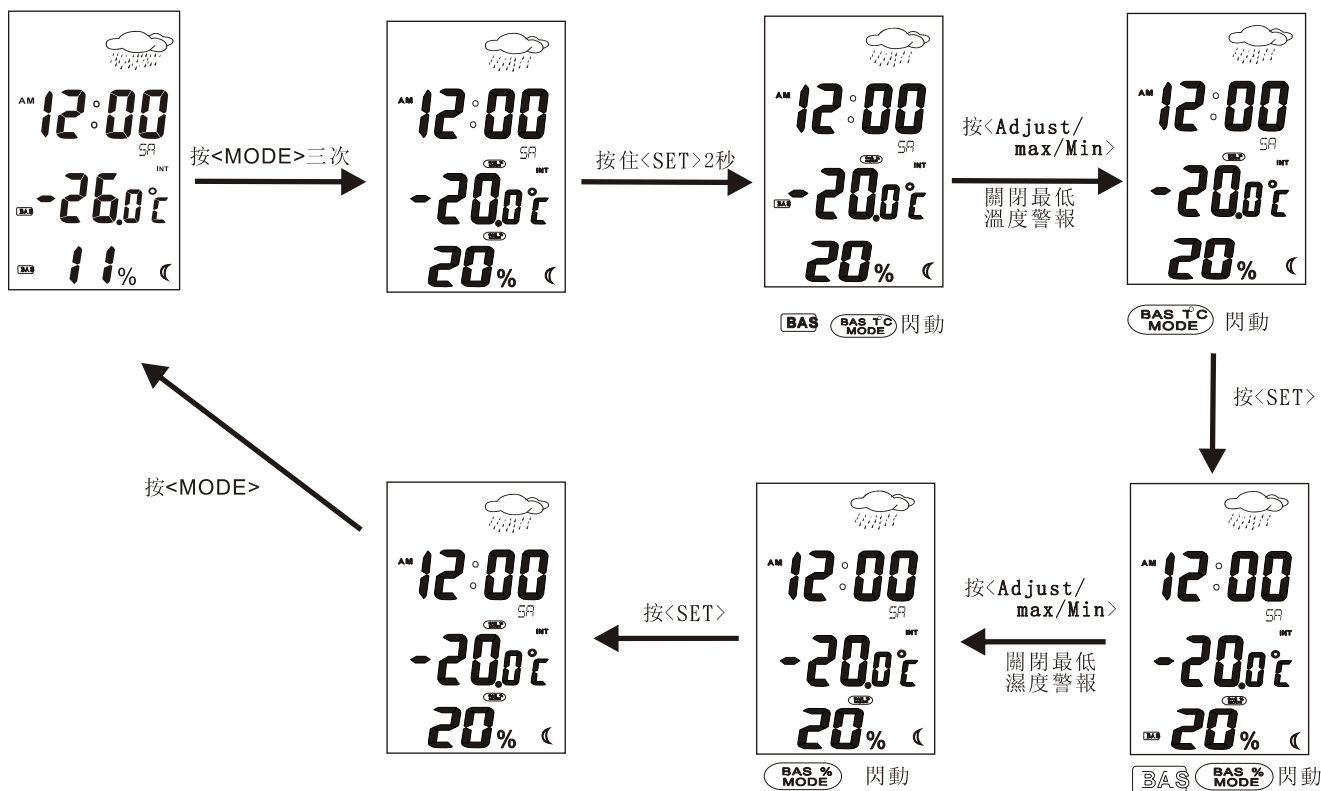


4)設定最低溫濕度警報

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## 關閉最低溫濕度警報

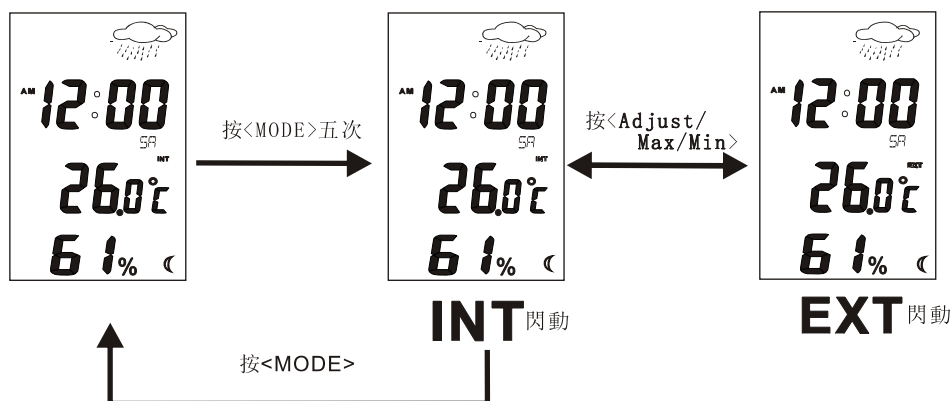


註:溫濕度警報響5秒.

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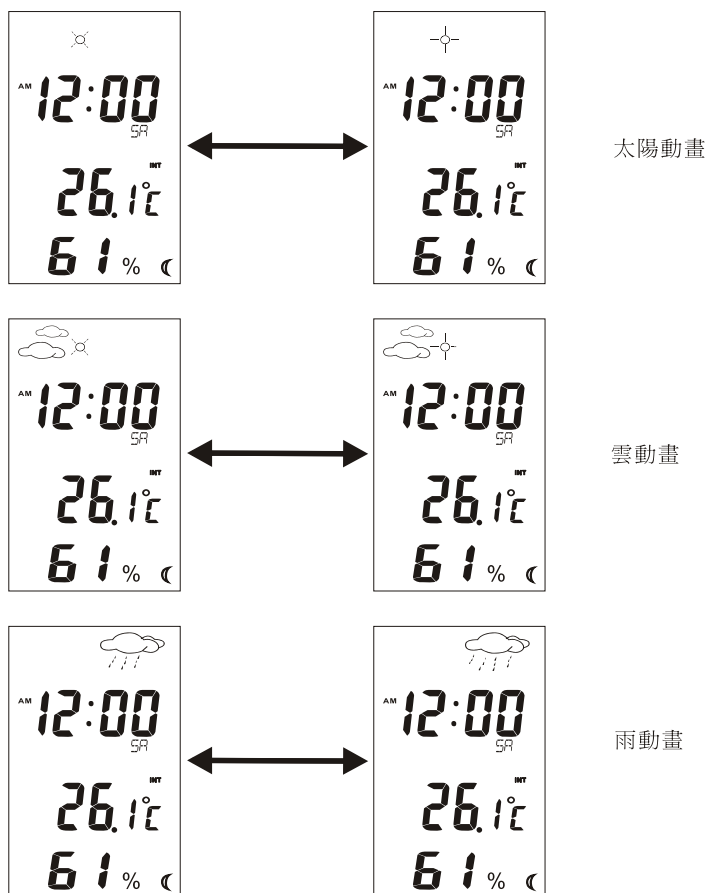


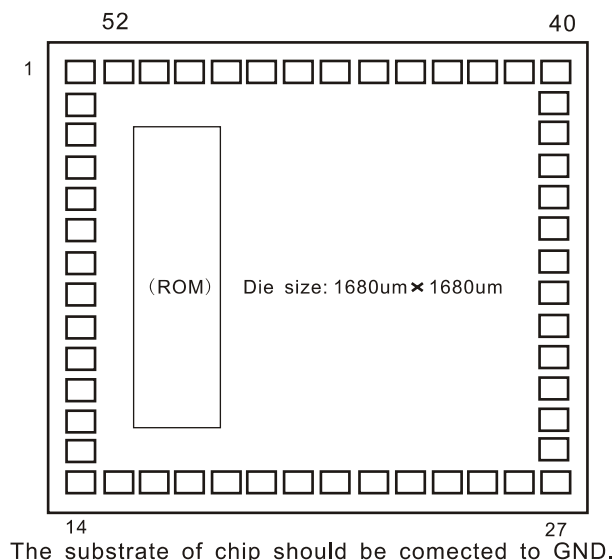
## 6)轉換室內外溫濕度顯示



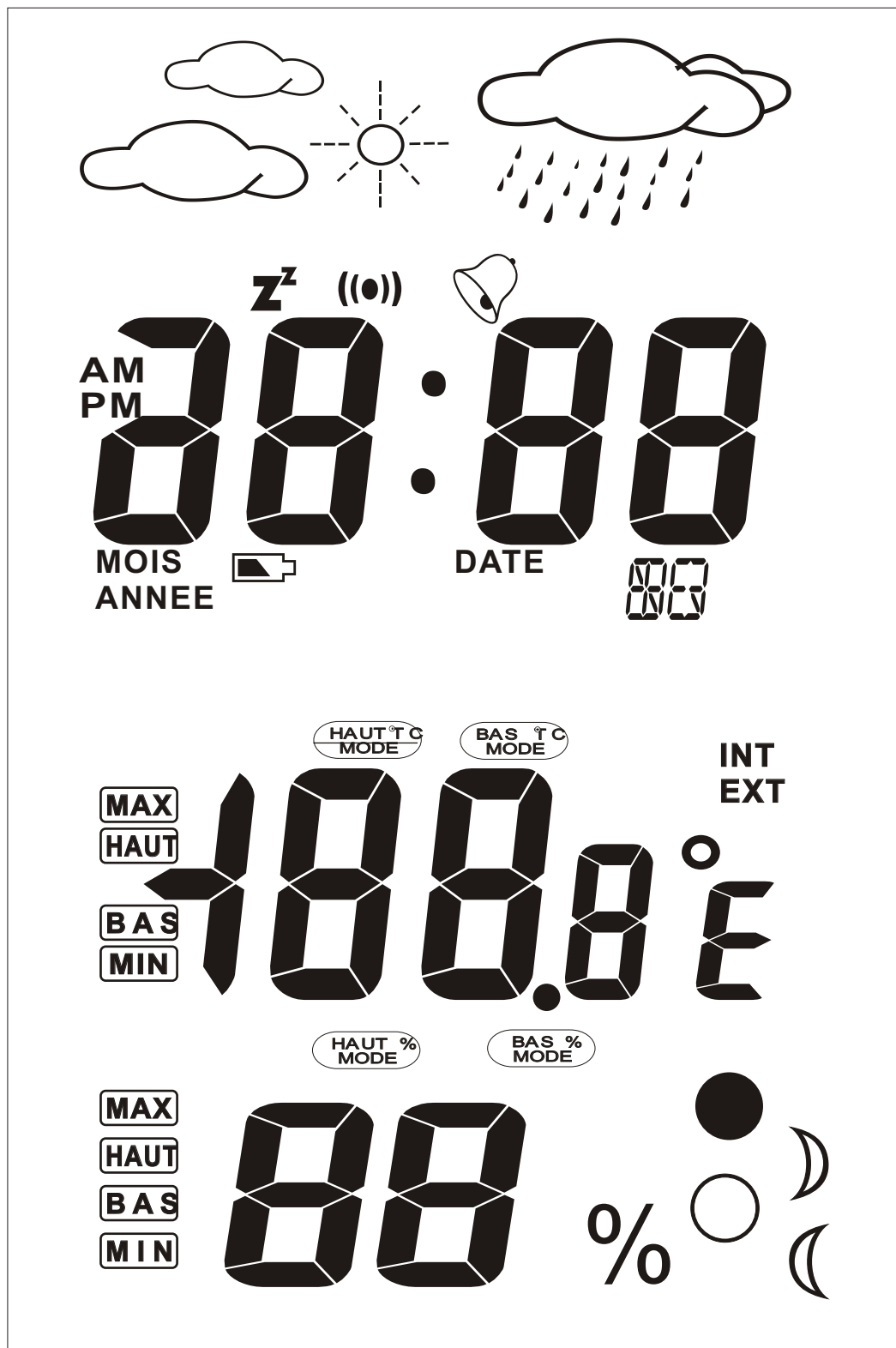
註: 於室內外顯示畫面按 <Adjust/Max/Min> 2秒，最大和最小溫濕度記憶會被清除，最大和最小溫濕度值隨即被設為現當的溫濕度數值。

## 7)天氣動畫

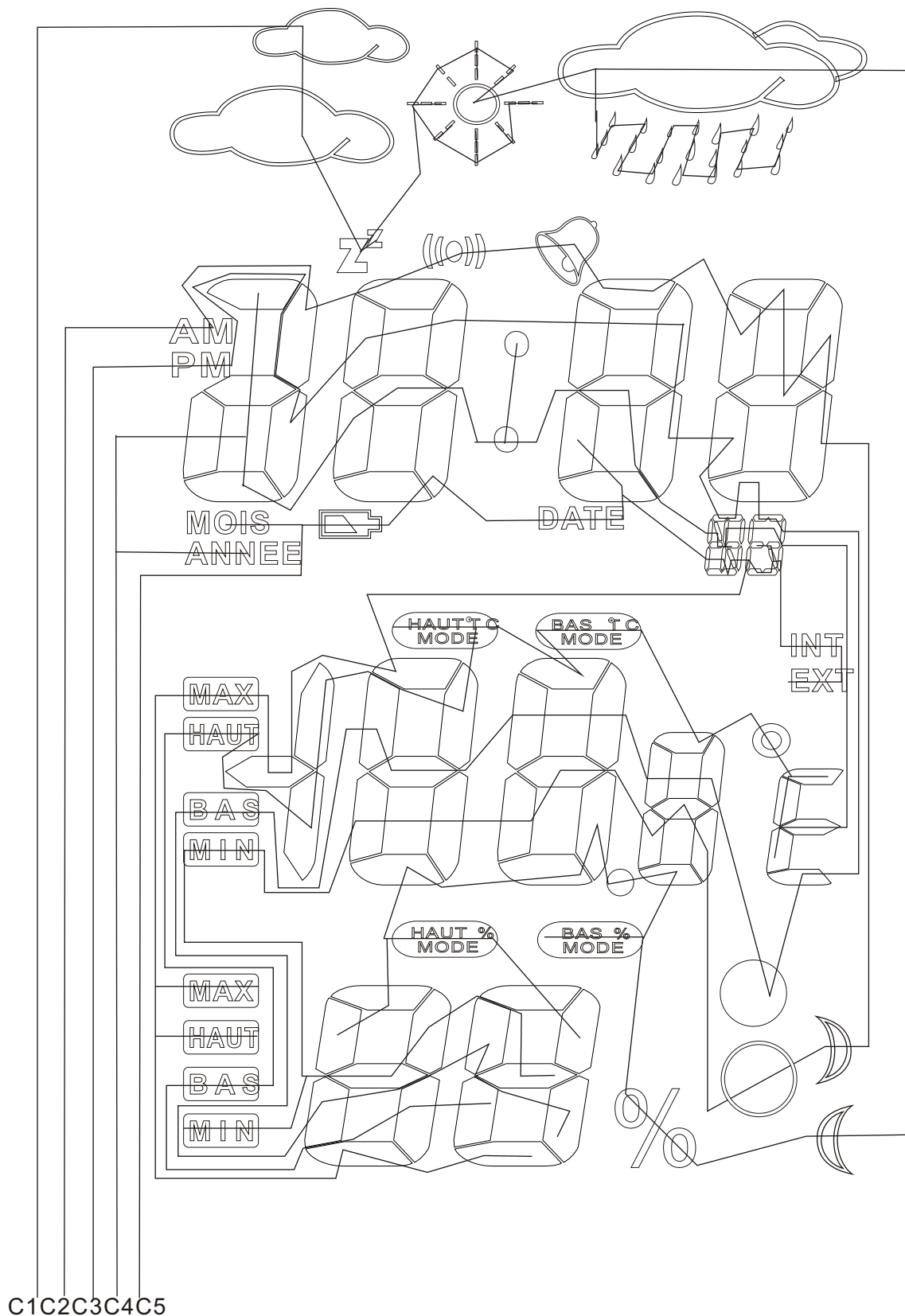


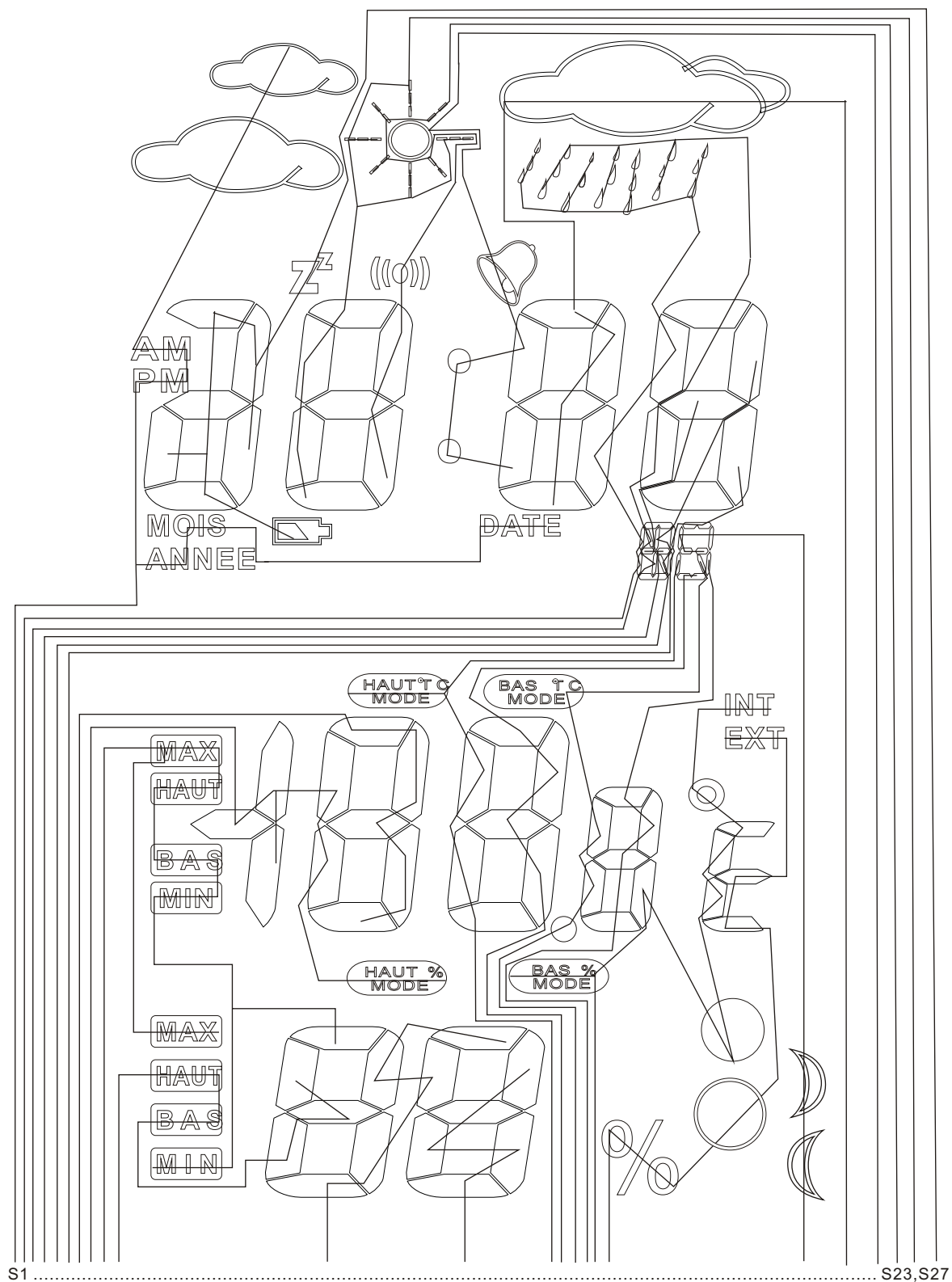


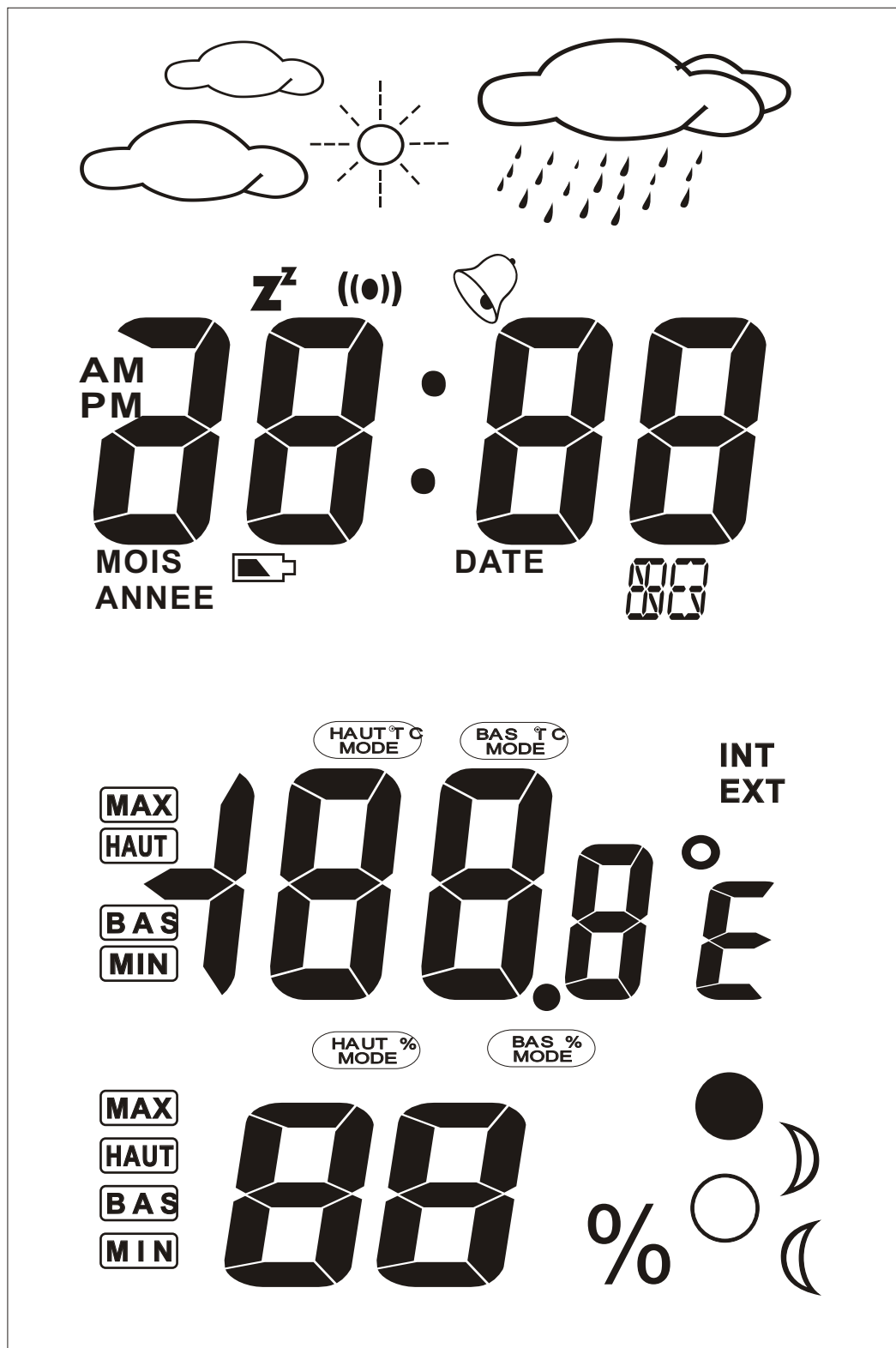
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|----|-------|--------|--------|----|-------|--------|--------|
| 1  | N.C.  | 77.5   | 1602.5 | 27 | SEG13 | 1602.5 | 77.5   |
| 2  | XIN   | 77.5   | 1472.5 | 28 | SEG14 | 1602.5 | 207.5  |
| 3  | XOUT  | 77.5   | 1357.5 | 29 | SEG15 | 1602.5 | 322.5  |
| 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 | CX    | 1602.5 | 1357.5 |
| 13 | COM4  | 77.5   | 207.5  | 39 | RR    | 1602.5 | 1472.5 |
| 14 | COM5  | 77.5   | 77.5   | 40 | RT    | 1602.5 | 1602.5 |
| 15 | SEG1  | 207.5  | 77.5   | 41 | SEG27 | 1472.5 | 1602.5 |
| 16 | SEG2  | 322.5  | 77.5   | 42 | IOB1  | 1372.5 | 1602.5 |
| 17 | SEG3  | 437.5  | 77.5   | 43 | IOB2  | 1242.5 | 1602.5 |
| 18 | SEG4  | 552.5  | 77.5   | 44 | IOB3  | 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 | IOC4  | 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 |



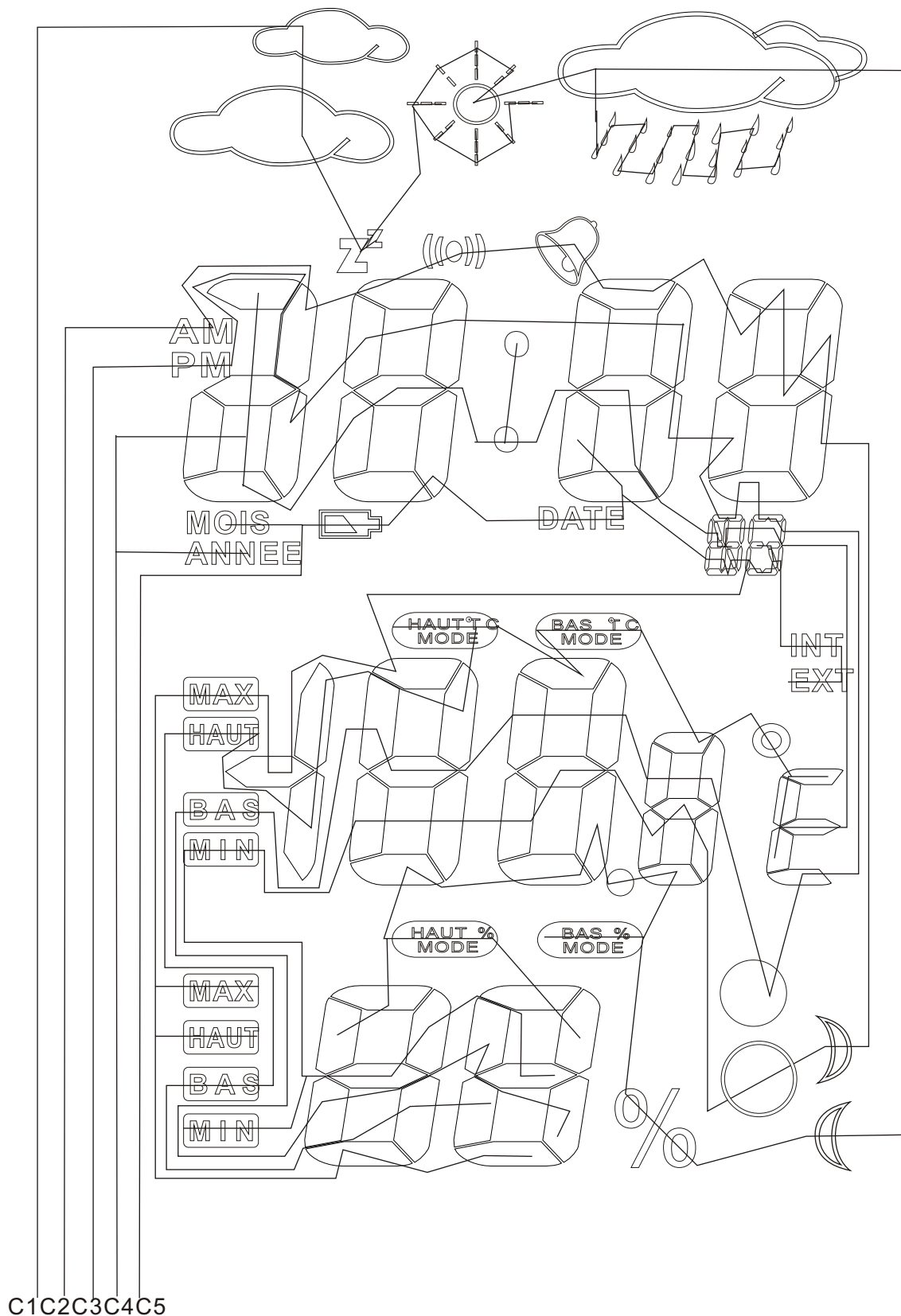
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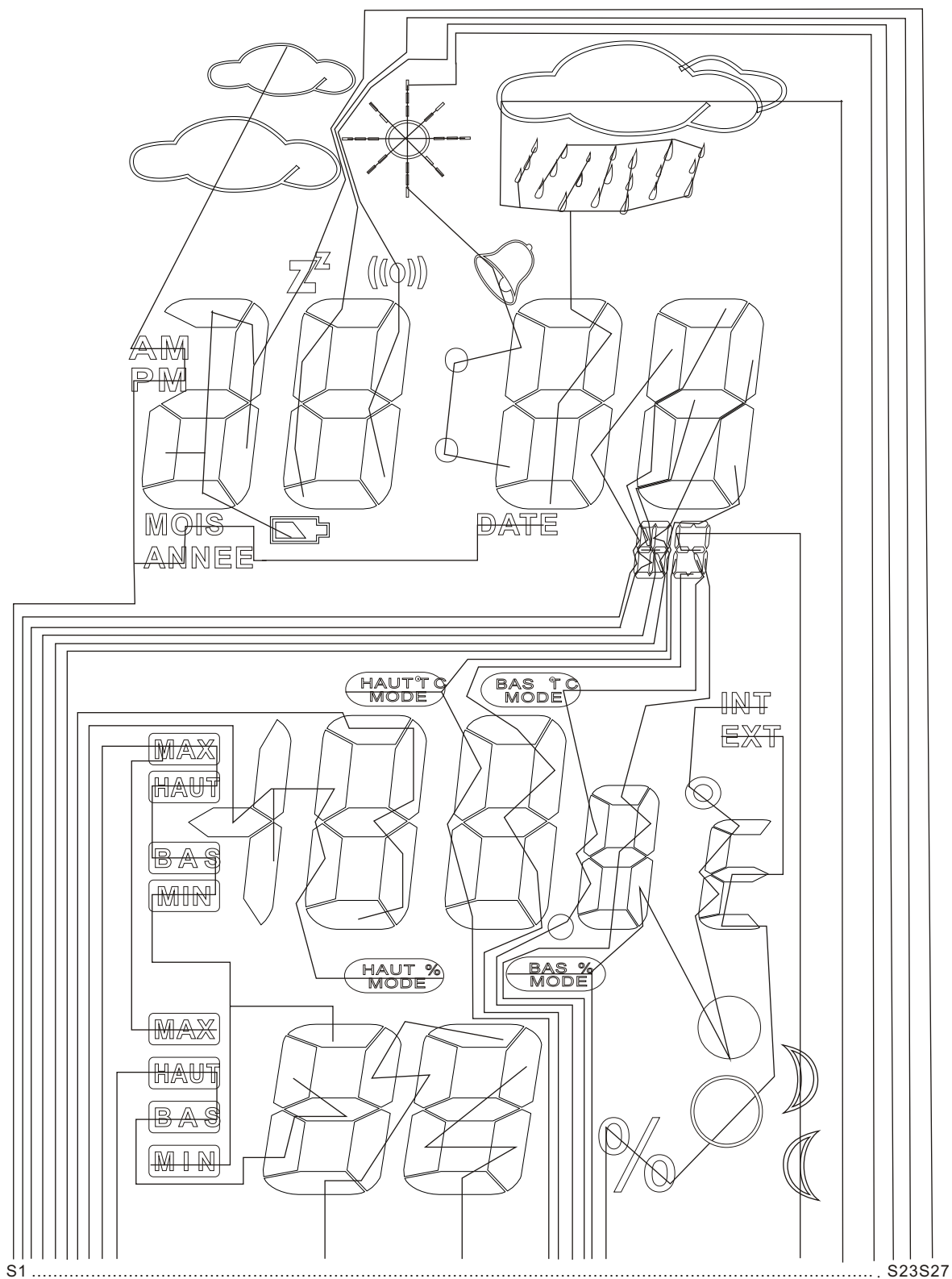


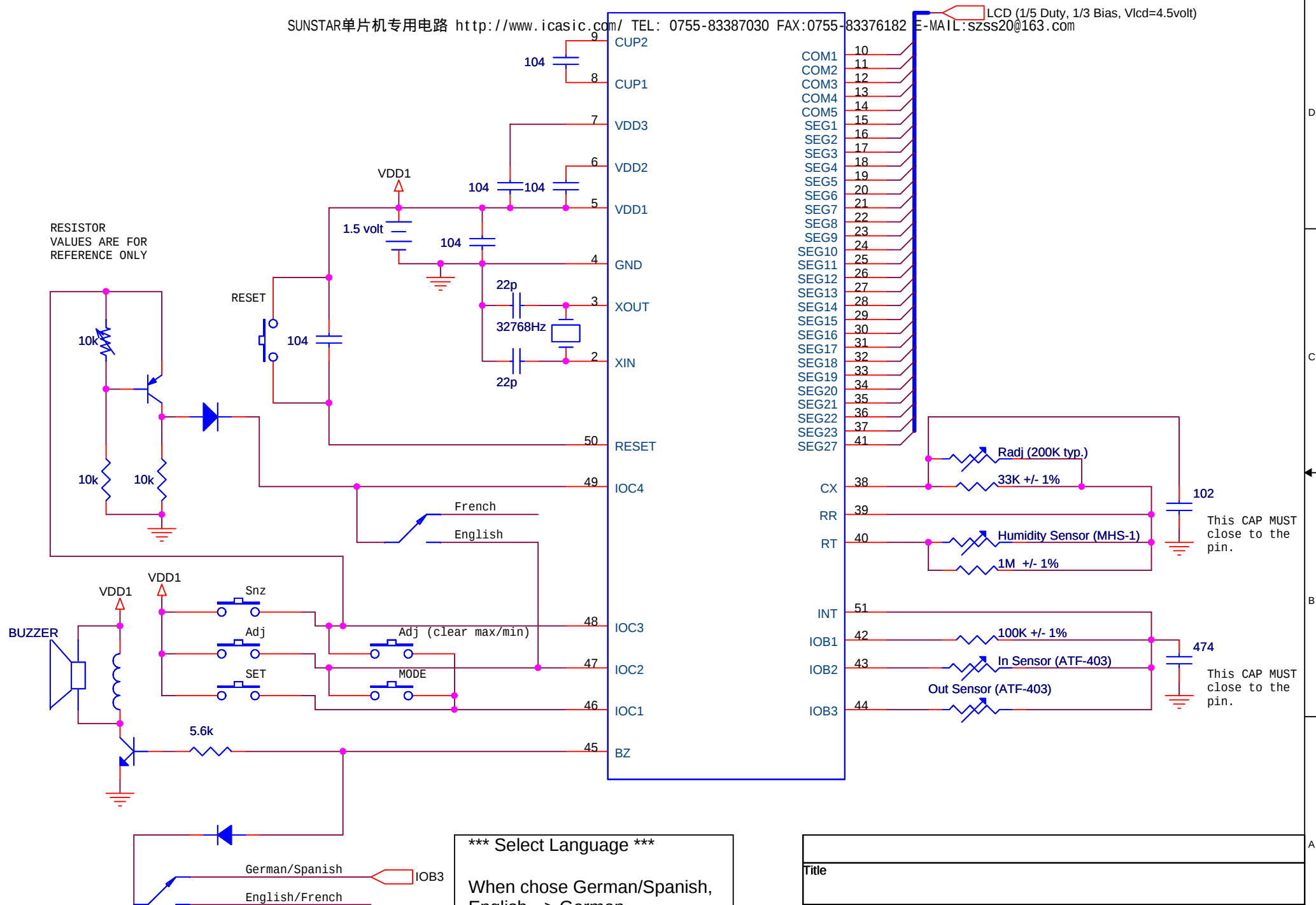




1/5 Duty, 1/3 Bias, Vlcd 4.5V

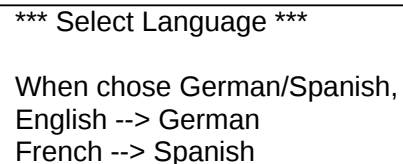




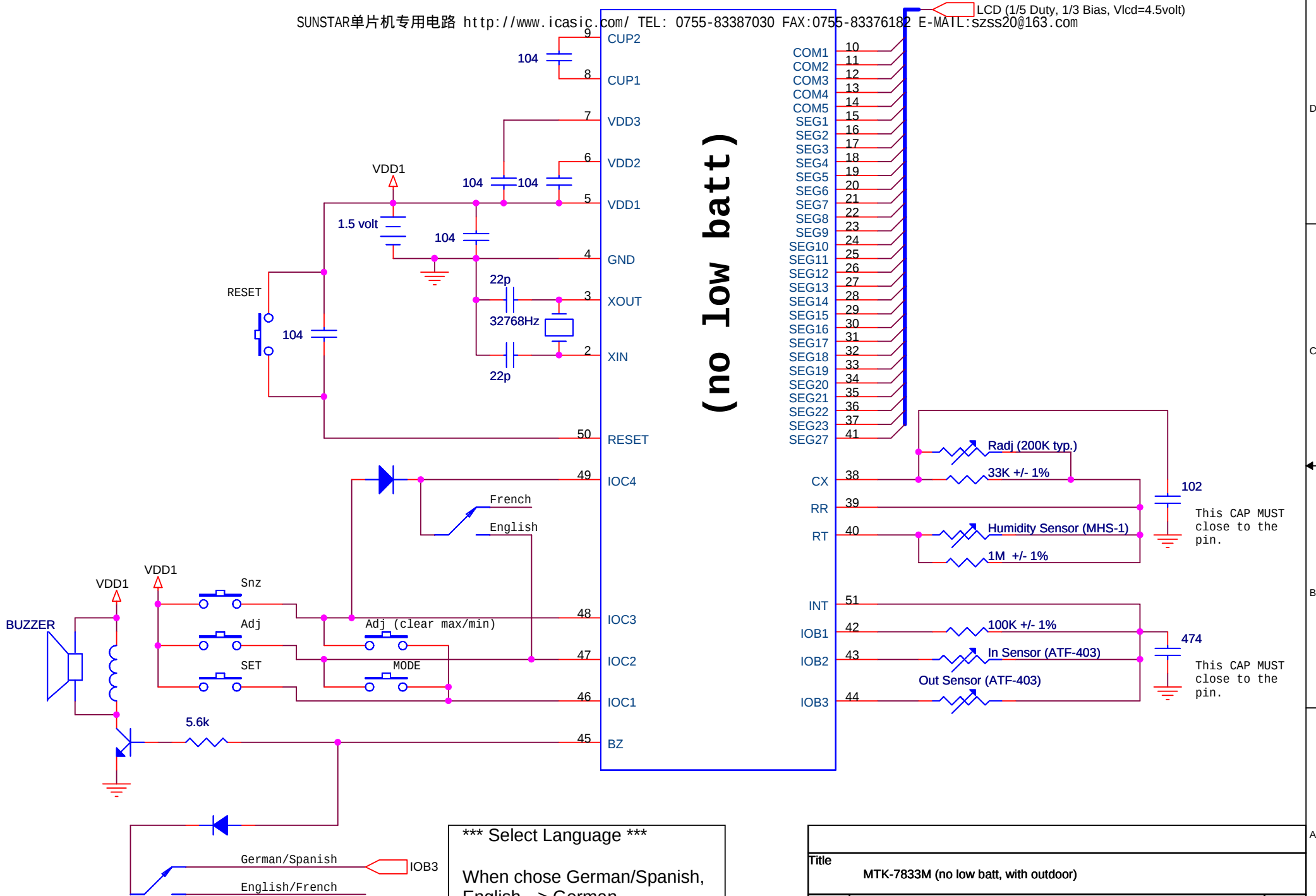


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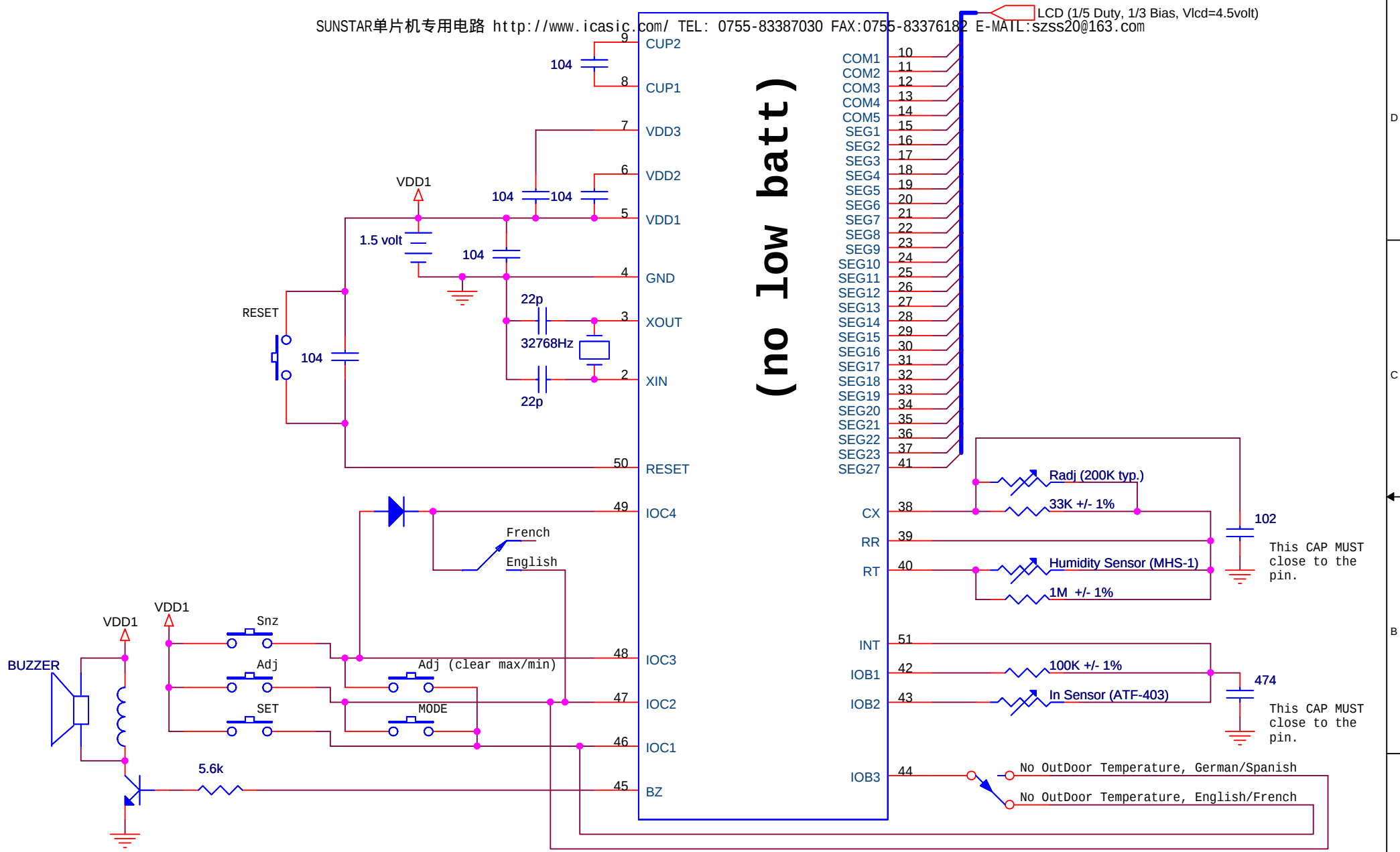
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| Date:                          | Tuesday, December 06, 2005 |  | Sheet 1 of 1 |