

Feature

- ◆3V Lithium Battery Operation
- ◆Clock with Month, Date, Hour, Minute, Second, Weekday
- ◆Alarm & Hourly chime
- ◆Sport Timer(1/100Sec)
- ◆12H/24H cycle Selectable
- ◆Very Low Power Dissipation
- ◆32768 Hz crystal controlled operation
- ◆Debounce circuit on switch input
- ◆Protection against static discharge

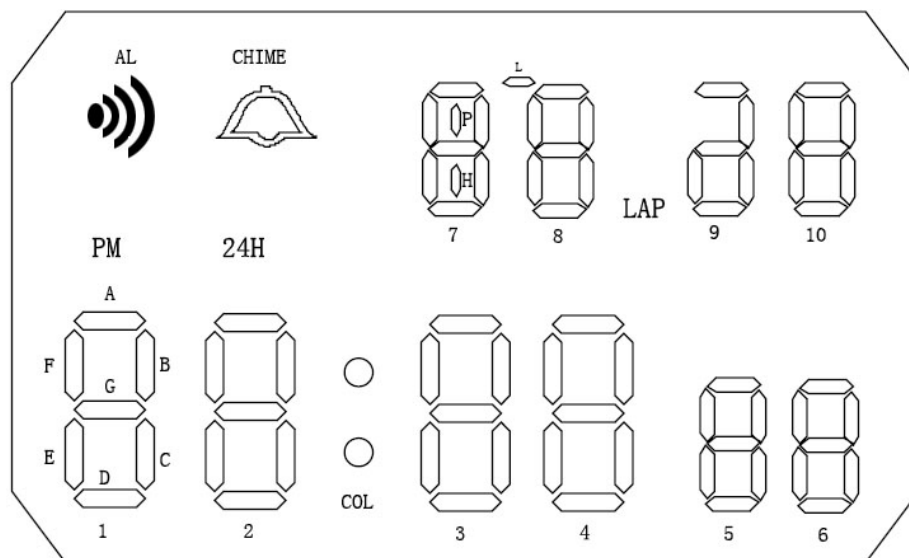
特点

- ◆3V 锂电池供电
- ◆可显示月、日、时、分、秒、星期
- ◆响闹、整点响闹功能
- ◆秒表计时
- ◆可选 12/24 小时制
- ◆低功耗
- ◆32768 Hz 晶振
- ◆开关输入防弹跳
- ◆带静电保护

ELECTRICAL CHARACTERISTICS 电特性

| Characteristics | Sym | Min | Typ | Max | Unit | Remarks |
|----------------------------------|------|---------|-------|---------|------|----------|
| Operating Voltage 工作电压 | VDD | 2.3 | 3.0 | 3.6 | V | - |
| Quiescent Current 静态电流 | ISB | - | 1 | 2 | uA | No Load |
| Operating Current 工作电流 | IOP | - | - | 6 | uA | - |
| Input High Voltage 输入高电压 | VIH | VDD-0.3 | - | VDD | V | - |
| Input Low Voltage 输入低电压 | VIL | VSS | - | VSS+0.3 | V | - |
| Switch Activation Current 按键开关电流 | ISW | - | - | 3 | uA | VIN=VDD |
| Alarm Drive Current 闹钟驱动电流 | IALA | 0.5 | 2 | - | mA | - |
| Oscillation Frequency 振荡频率 | FOSC | - | 32768 | - | Hz | - |
| LCD Frequency LCD 频率 | FLCD | - | 43 | - | Hz | - |
| Time Stability 时间稳定度 | TSTB | - | 1 | 3 | ppm | 2.5~3.5V |

LCD 字形显示

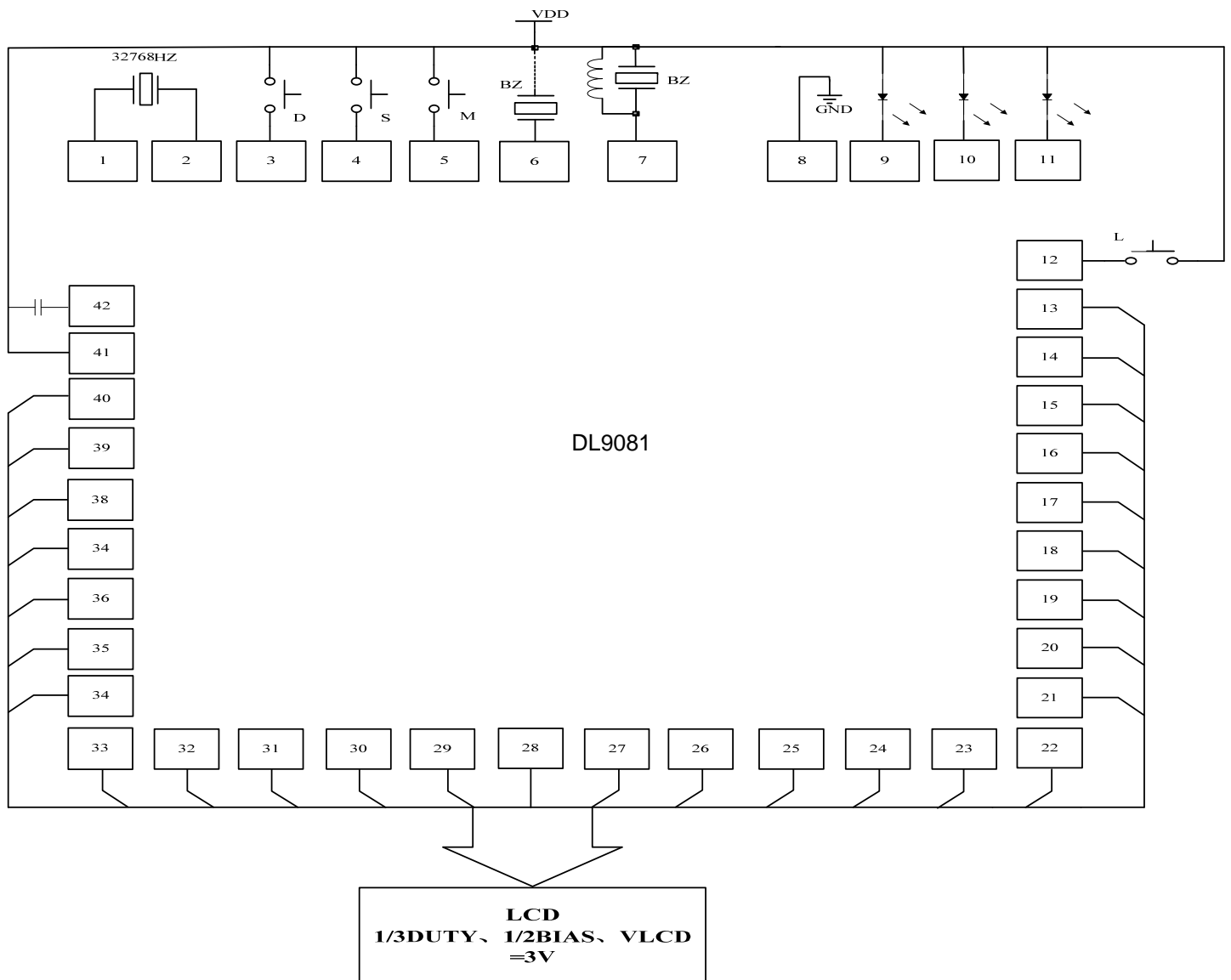


10 Digit 6 Function LCD Watch

with RGB back-light

| Pad No | Name | Pad No | Name | Pad No | Name | Pad No | Name |
|--------|------|--------|-------|--------|-------|--------|------|
| 1 | OSCO | 12 | LON | 23 | SEG15 | 34 | SEG4 |
| 2 | OSCI | 13 | SEG25 | 24 | SEG14 | 35 | SEG3 |
| 3 | D | 14 | SEG24 | 25 | SEG13 | 36 | SEG2 |
| 4 | S | 15 | SEG23 | 26 | SEG12 | 37 | SEG1 |
| 5 | M | 16 | SEG22 | 27 | SEG11 | 38 | COM3 |
| 6 | ALA | 17 | SEG21 | 28 | SEG10 | 39 | COM2 |
| 7 | ALB | 18 | SEG20 | 29 | SEG9 | 40 | COM1 |
| 8 | GND | 19 | SEG19 | 30 | SEG8 | 41 | VDD |
| 9 | BL | 20 | SEG18 | 31 | SEG7 | 42 | VSS |
| 10 | GL | 21 | SEG17 | 32 | SEG6 | | |
| 11 | RL | 22 | SEG16 | 33 | SEG5 | | |

RECOMMEND APPLICATION 应用电路



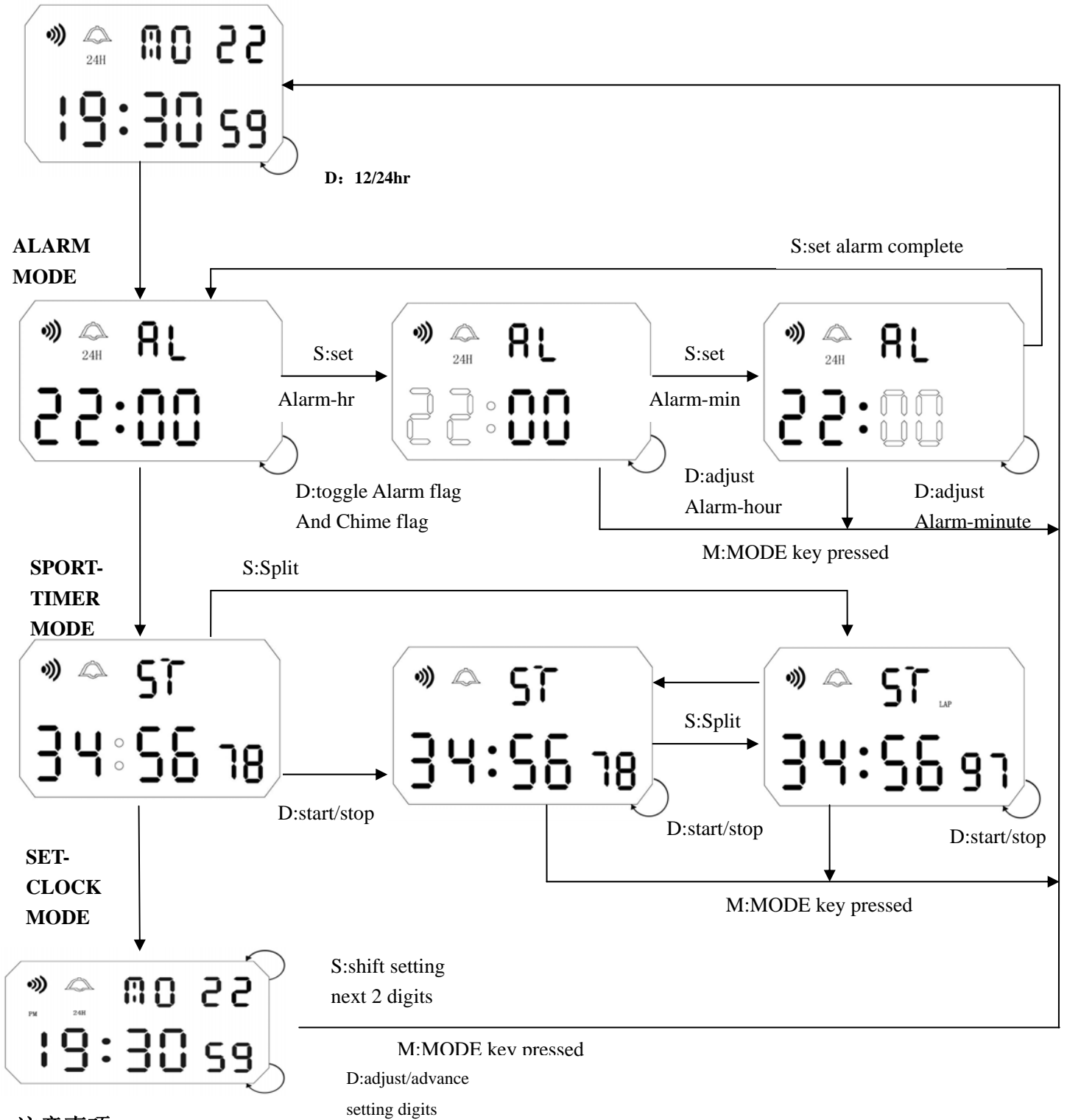
注： 1) IC 衬底接VDD。

2) 6脚为小声输出口，7脚为大声输出口，应用时只可选择其中一脚。

10 Digit 6 Function LCD Watch with RGB back-light

设定流程及按键操作

CLOCK MODE



注意事项:

1. 以上资料如有更新，将不另行通知，请用户在使用前先确认手中的资料是否为最新版本！
2. 此资料推荐的应用电路仅供参考，用户可根据各自产品的应用特点加以改进，对于应用不当造成的产品问题，我司将不承担任何责任。