

1.0 FEATURES

- Wide power supply range
- Low standby power consumption
- Minimize external components
- Four different sound effect outputs
- One LED driver available
- Auto power off function

特點

- 工作電壓闊
- 靜態功耗低
- 外接零件少
- 4種不同聲效
- 可單一 LED 驅動
- 自動關掉功能

2.0 ELECTRICAL CHARACTERISTICS 電特性

$V_{DD} = 3V$, $T_A = 25\text{ }^\circ\text{C}$ (unless otherwise specified 特別註明除外)

| PARAMETER | SYMBOL | TEST CONDITIONS | LIMITS | | | UNIT |
|----------------------------|-----------|--------------------------------|--------|-----|-----|---------------|
| | | | MIN | TYP | MAX | |
| Operating Voltage 工作電壓 | V_{DD} | - | 2 | 3 | 4.5 | Volt |
| Standby Current 靜態電流 | I_{SBY} | $V_{DD} = 3.0V$ | - | - | 2 | μA |
| Output Current 輸出漏電流 | I_O | $V_{OL}=0.4V$ $V_{OH}=2.2V$ | 1 | - | - | mA |
| Output Voltage Low 輸出低電壓 | VOL | $V_{DD} = 3.0V$ | - | - | 0.1 | μV |
| Oscillation Frequency 振盪頻率 | Fosc | $V_{DD} = 3.0V$ | 95 | - | 125 | kHz |
| LED Sink Current LED 灌進電流 | I_{LED} | Open Drain Output | 40 | - | - | mA |

3.0 APPLICATION INFORMATION 應用資料

