

SOUND GENERATOR / LED FLASHER 音效 / LED 閃燈芯片

VM41

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, TA = 25 °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

