

1.0 FEATURES

- Wide power supply range (2.5 - 4.5V)
- Low standby power consumption
- Optional Built-in resistor
- Minimize external components
- Eight programmable sound effects
- Selectable sound output
- Two operation modes : One-Shot and Level-Hold
- Various standard codes available

特點

- 工作電壓(2.5 - 4.5V)
- 靜態功耗低
- 選擇性內置電阻
- 外接零件少
- 8 個可編程式聲效
- 選擇性聲效輸出
- 2 種操作模式：單次及電平控制
- 多種標準密碼提供

2.0 ELECTRICAL CHARACTERISTICS 電特性

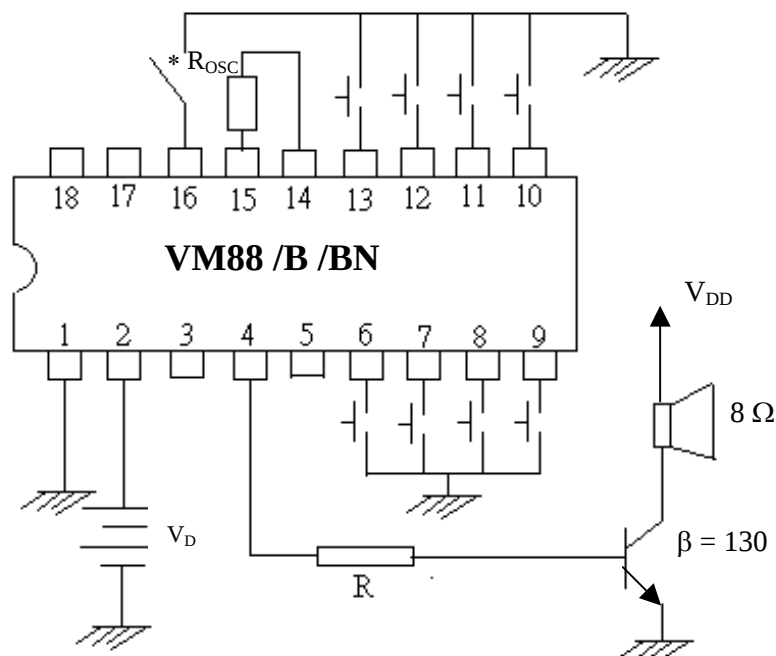
$V_{DD} = 3V$, $T_A = 25^\circ C$ (unless otherwise specified 特別註明除外)

PARAMETER	SYMBOL	TEST CONDITIONS	LIMITS			UNIT
			MIN	TYP	MAX	
Operating Voltage 工作電壓	V_{DD}	-	2.5	3	4.5	Volt
Operating Current 工作電流	I_{OPR}	$V_{DD} = 3V$	-	-	70	μA
Standby Current 靜態電流	I_{SB}	$V_{DD} = 3V$	-	-	3	μA
Output Current 輸出電流	I_O	$V_{OH} / V_{OL} = 2.2V / 0.8V$	1	-	-	mA
Output Voltage High 輸出高電壓	V_{OH}	$V_{DD} = 3V$	2.6	-	-	Volt
Output Voltage Low 輸出低電壓	V_{OL}	$V_{DD} = 3V$	-	-	0.6	Volt
Oscillator Frequency 振盪器頻率	F_{OSC}	$V_{DD} = 3V$	52	-	72	kHz

3.0 APPLICATION INFORMATION 應用資料

PAD #	PAD NAME
1	V_{SS}
2	V_{DD}
3	TEST 1
4	OUT
5	NC
6	K8
7	K7
8	K6
9	K5
10	K4
11	K3
12	K2
13	K1
14	OSC 1
15	OSC 2
16	LH
17	TEST 2
18	TEST 3

FOR SPEAKER 喇叭



$V_{DD} = 3.0V$

$R = 100 \Omega$

$R_{OSC} = \text{Check}$

Recommended
Value

* Not required for built-in
resistor option

FOR BUZZER 蜂鳴片

