



8 TUNES 8 KEY  
WITH SCAN KEY

8 鍵 8 首歌 IC

MELODY	
MC88A	

### FEATURES 功能敘述

SCAN KEY : Scan from K1~K8.

Direct drive speaker and buzzer.

### KEY MC88A

K1	WEDDING MARCH
K2	HAPPY BIRTHDAY
K3	JINGLE BELL 1
K4	JINGLE BELL 2
K5	LONDON BRIDGE
K6	CHILDREN SONG 1
K7	CHILDREN SONG 2
K8	CHILDREN SONG 3
K9	SCAN

### APPLICATION 產品應用

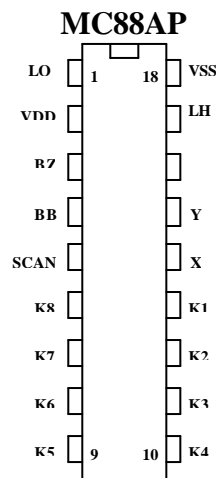
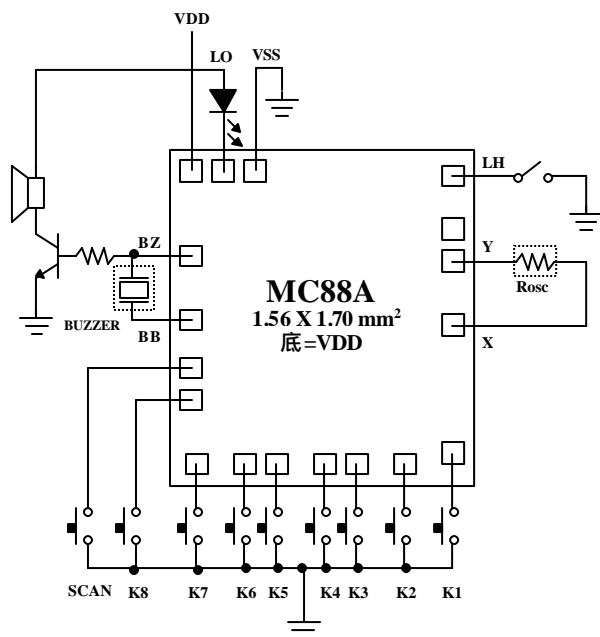
Toys, Key chain etc.

### ELECTRICAL CHARACTERISTICS 電氣規格

( @  $V_{DD}=3V$  unless otherwise specified )

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	$V_{DD}$		3	3.5	V	
工作電流 Operating Current	$I_{OP}$		0.1	0.5	mA	No load
靜態電流 Quiescent Current	$I_{SB}$		1	5	$\mu A$	
推動電流 BZ Driving Current	$I_O$	1			mA	@ $V_{DS}=1V$
推動電流 LO Driving Current	$I_{OL}$	6			mA	@ $V_{DS}=1.2V$
振盪頻率 Oscillator Frequency	$F_{OSC}$		50		KHz	External $\pm 30\%$ , $R_{osc}=390K$
工作溫度 Operating Temperature	Temp.	0	25	60		

### APPLICATION DIAGRAM 參考電路圖



\*All specs and applications shown above subject to change without prior notice.

( 以上電路及規格僅供參考,本公司得逕行修正 )