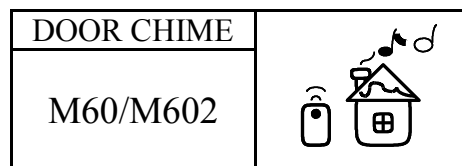




DOOR BELL
DUAL TONE

雙音門鈴 1/2 聲 IC



FEATURES 功能敘述

- TG : OSH.
- DING : 780 Hz \pm 30%.
- DONG : 625 Hz \pm 30%.

P/N	OPT	TIME
M60	VSS	1 聲
M602	X	2 聲

APPLICATION 產品應用

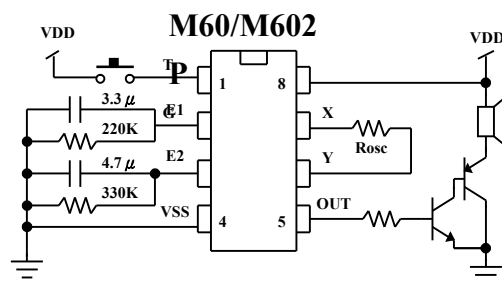
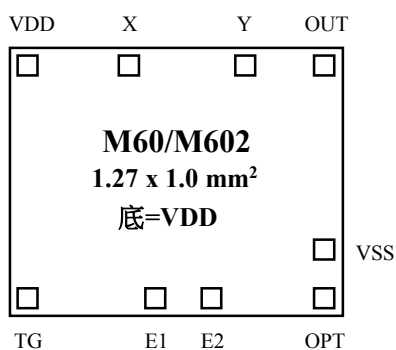
- Doorbell , Musical instrument , Toys.

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	4.5	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	μ A	
推動電流 OUT Driving Current	I _O	1	—	—	mA	@V _{DS} =1V
振盪頻率 Oscillator Frequency	F _{OSC}	—	50	—	KHz	External \pm 30% , R _{osc} = 680K Ω
工作溫度 Operating Temperature	Temp.	0	25	60	$^{\circ}$ C	

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)

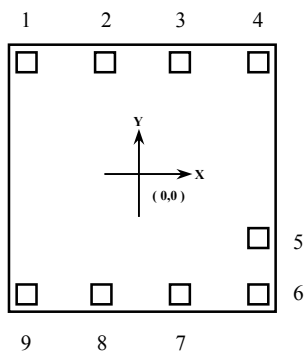


DOOR BELL
DUAL TONE

雙音門鈴 1/2 聲 IC

DOOR CHIME	
M60/M602	

PAD ASSIGNMENT & POSITION



Unit : um

NO	NAME	X	Y
1	VDD	-508	375
2	X / OSC1	-218	375
3	Y / OSX2	228	375
4	OUT	508	375
5	VSS	508	-216
6	OPT	508	-375
7	E2 / ENV2	111	-375
8	E1 / ENV1	-118	-375
9	TG	-508	-375

* CHIP SIZE ~ 1.27 x 1.0 mm²

* IC substrate should be connected to VDD in PCB (PCB 上 IC 必須接 VDD)

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DOOR BELL
DUAL TONE

雙音門鈴 1/2 聲 IC

DOOR CHIME	
M60/M602	

PACKAGE OUTLINE

SYMBOLS	MIN	MAX
A	0.053	0.069
A1	0.004	0.010
A2		0.059
D	0.189	0.196
E	0.150	0.157
H	0.228	0.244
L	0.016	0.050
θ	0	8

Unit : INCH

SOP-8

SYMBOLS	MIN.	NOM.	MAX.
A	—	—	0.210
A1	0.015	—	—
A2	0.125	0.130	0.135
D	0.355	0.365	0.400
E	0.300 BSC.		
E1	0.245	0.250	0.255
L	0.115	0.130	0.150
e	0.335	0.355	0.375
θ	0	7	15

Unit : INCH

DIP-8

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