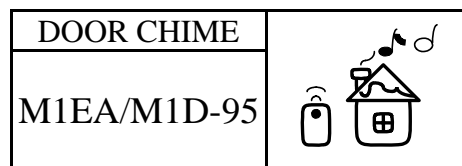




DUAL TONE
WIRELESS DOOR BELL

遙控門鈴 IC



FEATURES 功能敘述

- 3 door chime sound.

M1D-95
D2 WEST MINISTER
D1 DING DING
D0 DING DONG

APPLICATION 產品應用

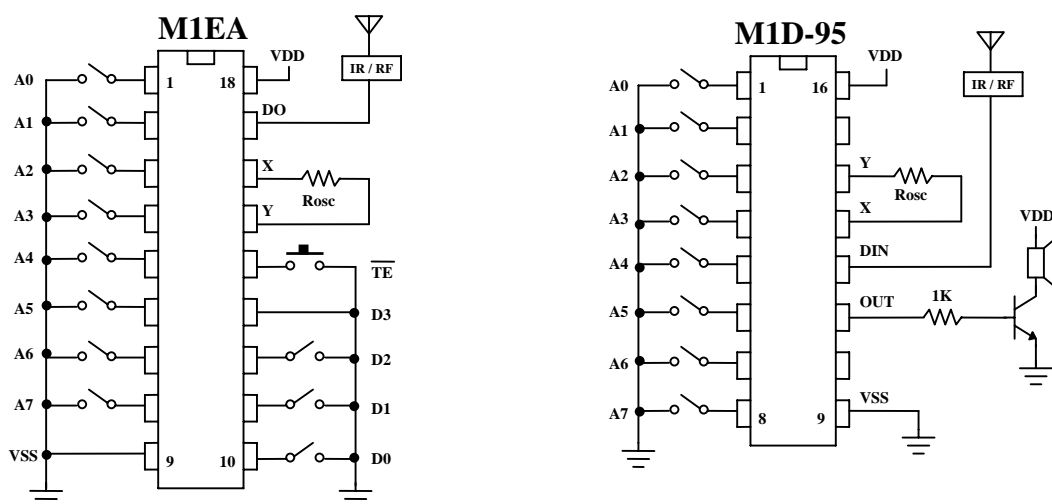
- Door bell system. 門鈴系統.

ELECTRICAL CHARACTERISTICS 電氣規格

(@ $V_{DD}=4.5V$ unless otherwise specified)

Characteristics	Sym.	Min.	Typ.	Max.	Unit	REMARKS
工作電壓 Operating Voltage	V_{DD}	2.4	4.5	5	V	
工作電流 Operating Current	I_{OP}	—	0.3	1	mA	No load
靜態電流 Quiescent Current	I_{SB}	—	1	10	μA	
推動電流 Driving Current	I_{OL}	1	—	—	mA	@ $V_{DS}=1.2V$
振盪頻率 Oscillator Frequency	F_{OSC}	—	80	—	KHz	External $\pm 30\%$
工作溫度 Operating Temperature	Temp.	0	25	60	$^{\circ}C$	

APPLICATION DIAGRAM 參考電路圖



* $R_{osc} \sim M1EA : 270K\Omega ; M1D-95 : 390K\Omega$



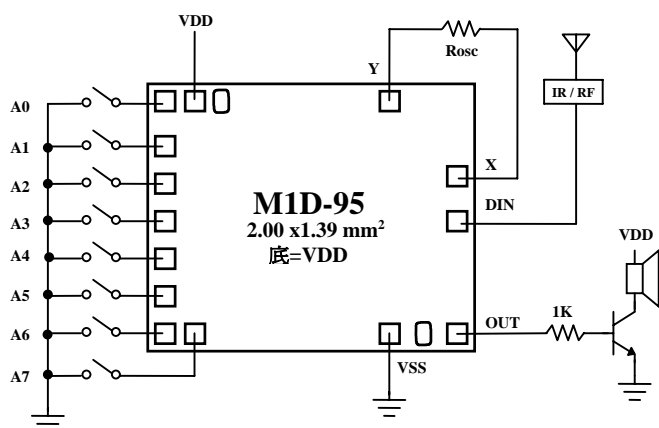
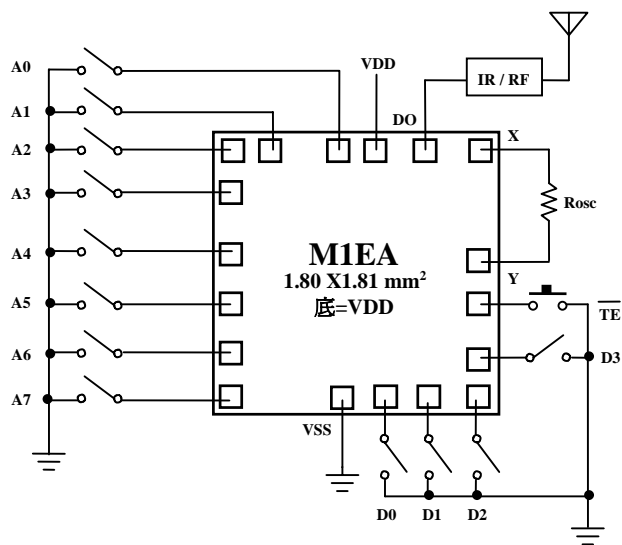
DUAL TONE
WIRELESS DOOR BELL

遙控門鈴 IC

DOOR CHIME	
M1EA/M1D-95	

APPLICATION DIAGRAM 參考電路圖

CHIP FORM



M1D-95	
D2	WEST MINISTER
D1	DING DONG
D0	DING DONG

* Rosc ~ M1EA : 270KΩ ; M1D-95 : 390KΩ

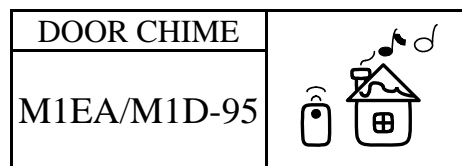
*All specs and applications shown above subject to change without prior notice.

(以上電路及規格僅供參考,本公司得逕行修正)

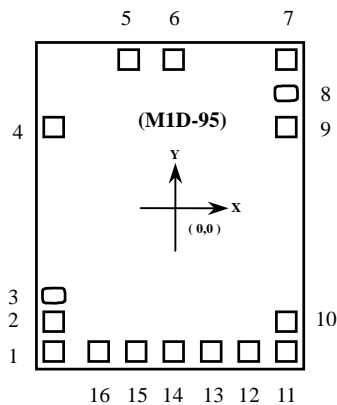


DUAL TONE
WIRELESS DOOR BELL

遙控門鈴 IC



ASSIGNMENT & POSITION



UNIT : um

No.	NAME	X	Y
1	A0	-561	-870
2	VDD	-560.25	-723.75
3	TEST3	-562.5	-585.75
4	OSC2	-560.25	537
5	OSC1	-317.25	870
6	DIM	-163.5	869.25
7	BZ	559.5	869.25
8	TEST	559.5	636.75
9	VSS	559.5	480
10	A7	559.5	717.75
11	A6	559.5	-872
12	A5	379.5	-867.75
13	A4	198.75	-867.75
14	A3	23.25	-868.5
15	A2	-150	-867.75
16	A1	-325.5	-868.5

* CHIP SIZE ~ 2.00 x 1.39 mm²

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