

## DOOR BELL IC

## 3 KIND DOOR BELL SOUNDS

### ◆ Features

- \* Built 256 musical notes ROM memory with dual tone sound effect in IC body
- \* Less components on application circuit
- \* 3 independence song to be playing from 3 trigger pins ( TG1 , TG2 , TG3 )

PIN	SOUND LIST
TG1	" DING DONG " ( 1 time )
TG2	" DING " ( 1 time )
TG3	West Minister Bell

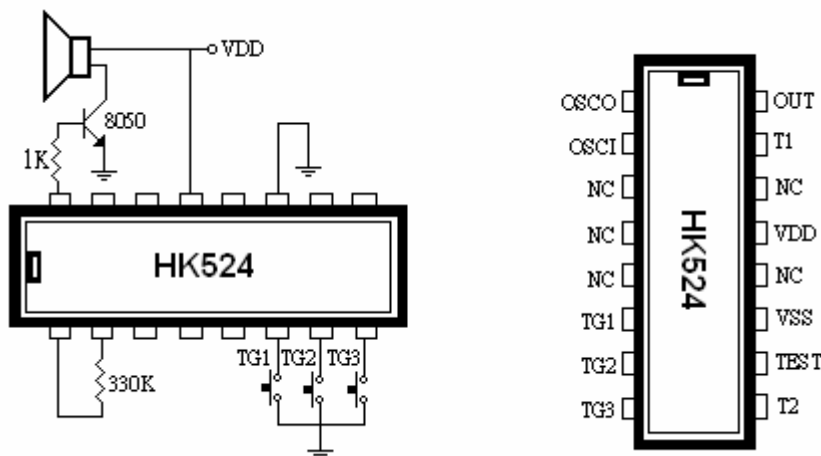
### ◆ Application

Door bell, Door phone, Security system, Alarm system

### ◆ Electrical Characteristics

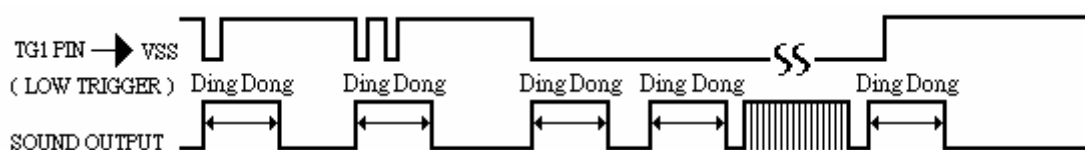
Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V <sub>DD</sub>	1.9	3	4.8	V	
Operating current	I <sub>OP</sub>	----	0.1	0.5	mA	
Stand by current	I <sub>SB</sub>	----	1	5	uA	
Oscillator frequency	F <sub>OSC</sub>	----	100	----	KHz	±30% R <sub>osc</sub> = 330KΩ
Operating temperature	T <sub>EMP</sub>	0	25	60	°C	
Driving current	I <sub>O</sub>	1	----	----	mA	@ V <sub>DS</sub> =1V

### ◆ Application circuit



★ Package Type : DIP-16L

★ Trigger Mode and Timing Chart :

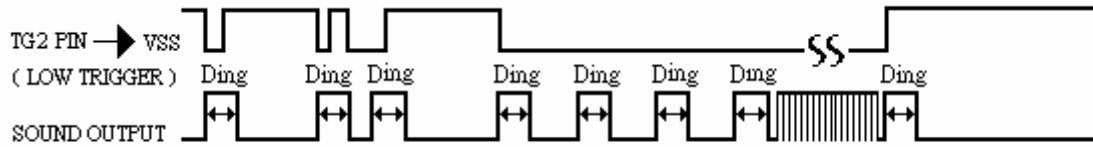


**TRIGGER MODE : ONE SHOT RE-TRIGGER**

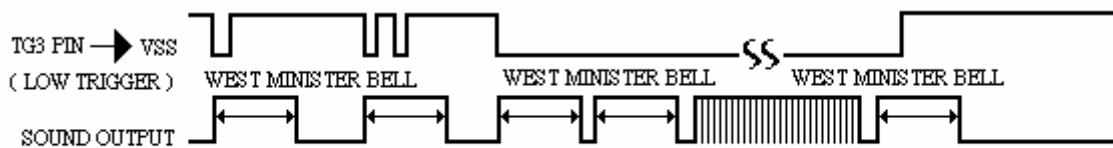
# HK524

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