

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

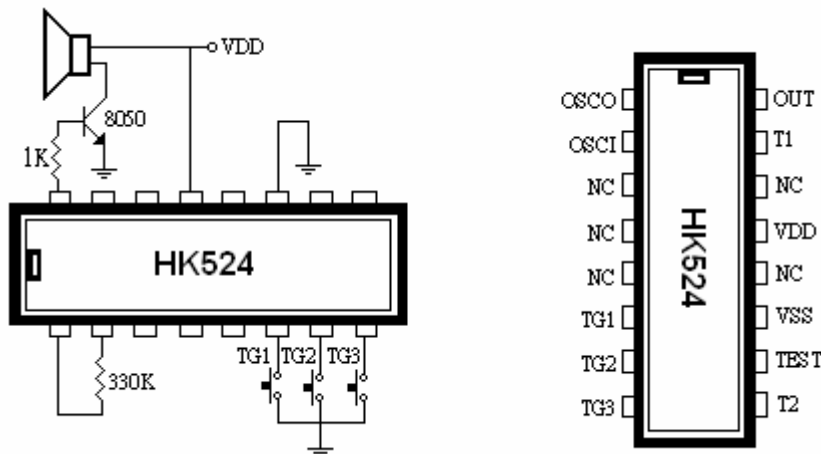
◆ Application

Door bell, Door phone, Security system, Alarm system

◆ Electrical Characteristics

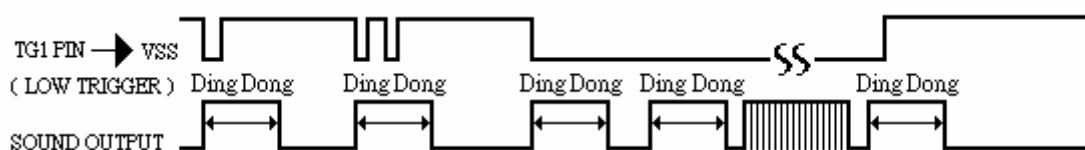
Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	1.9	3	4.8	V	
Operating current	I _{OP}	----	0.1	0.5	mA	
Stand by current	I _{SB}	----	1	5	uA	
Oscillator frequency	F _{OSC}	----	100	----	KHz	±30% R _{osc} = 330KΩ
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O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

◆ Application circuit

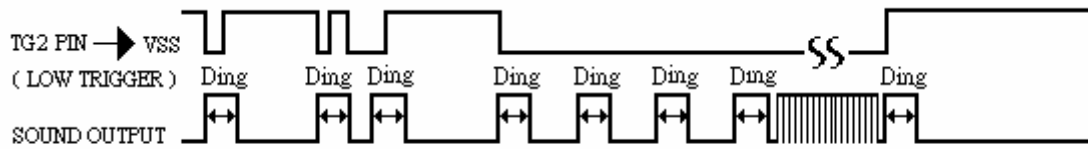


★ Package Type : DIP-16L

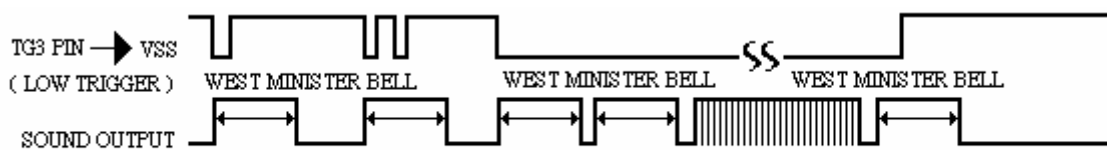
★ Trigger Mode and Timing Chart :



TRIGGER MODE : ONE SHOT RE-TRIGGER



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