

DOOR BELL IC

3 KIND DOOR BELL SOUNDS

◆ Features

- * Built 256 musical notes ROM memory with dual tone musical effect in IC body
- * 3 independence song to be playing from 3 trigger pins (TG1 , TG2 , TG3)
- * 1 sequence trigger (SQ pin) for 3 songs output when SQ pin had sequence triggered

PIN	SOUND LIST
TG1	" DING DONG " 1 time
TG2	" DING DING " 1 time
TG3	West Minister Bell
SQ	Sequence Output From Sounds of TG1, TG2, TG3 pin

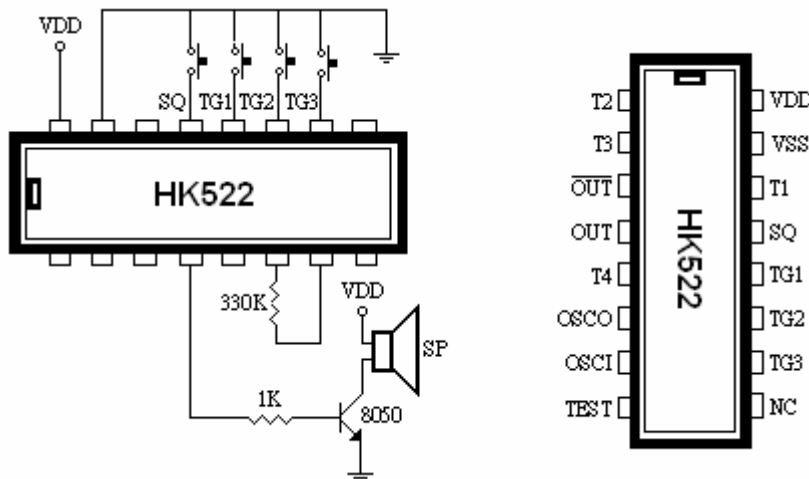
◆ Application

Door bell, Door phone, Security system, Alarm system

◆ Electrical Characteristics

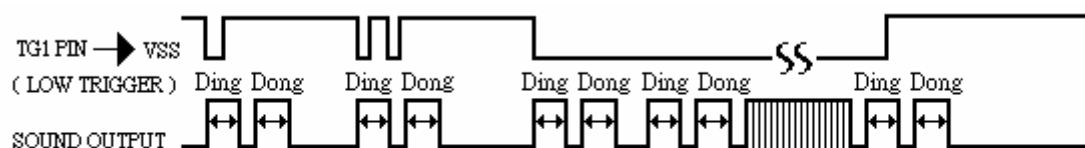
Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	1.8	3	3.6	V	
Operating current	I _{OP}	----	0.1	0.5	mA	
Stand by current	I _{SB}	----	1	5	uA	
Oscillator frequency	F _{OSC}	----	100	----	KHz	±30% R _{osc} = 330KΩ
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O	1	----	----	mA	@ V _{DS} =1V

◆ Application circuit



★ Package Type : DIP-16L

★ Trigger Mode and Timing Chart :



TRIGGER MODE : ONE SHOT RE-TRIGGER

