

DOOR BELL IC

DING-DONG SOUND WITH DUAL TONE

◆ Features

- * Ding-Dong sound with dual tone sound effect
- * Can be selecting 1 time or 2 times from OPTION pin for sound output
- * HK527 had fixed on 2 times sound output
- * Trigger type by one shot re-trigger mode when TG pin is triggered
- * Sound quality can be modify by capacitors & resistors value of EN1 or EN2 pin

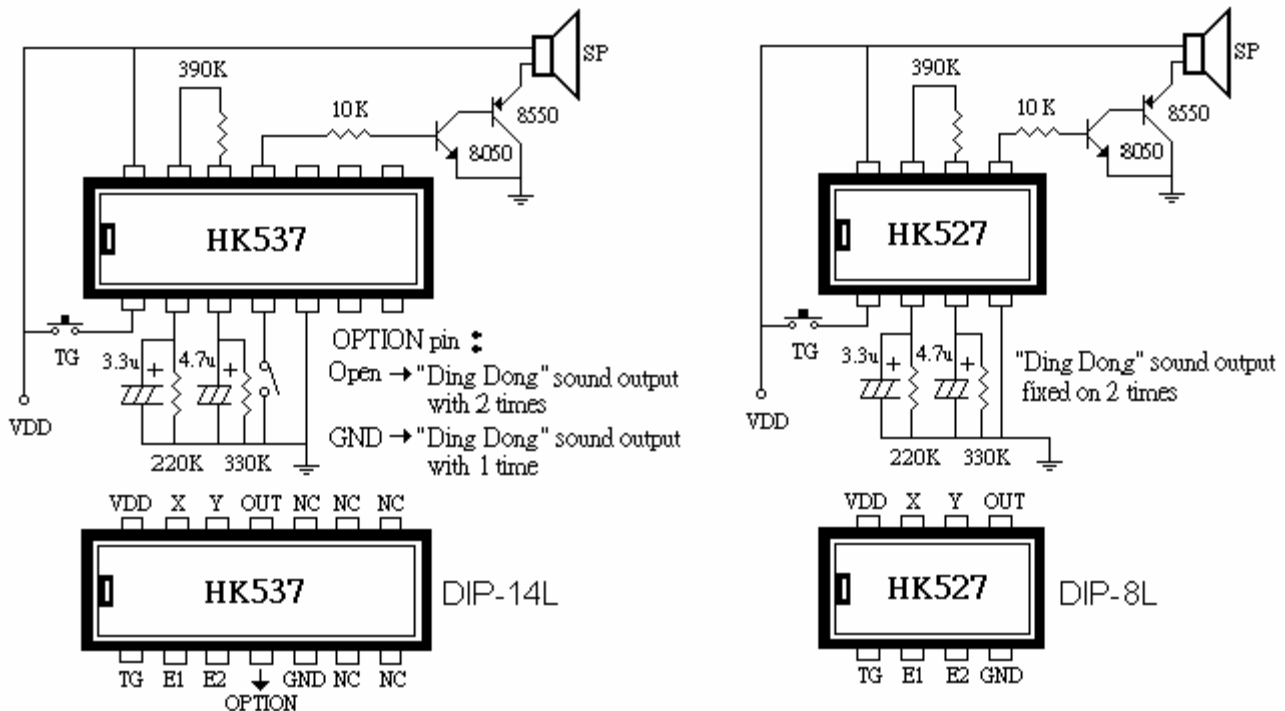
◆ Application

- * Door bell , Toys , Clock melody , Key chain , Security system

◆ Electrical Characteristics

Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	2.2	3	5.6	V	
Operating current	I _{OP}	----	0.1	0.5	mA	
Stand by current	I _{SB}	----	1	5	uA	
Oscillator frequency	F _{OSC}	----	100	----	KHz	R _{osc} = 270KΩ-620KΩ
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O	1	----	----	mA	@ V _{DS} =1V

◆ Application circuit



- ★ Package Type : DIP-14L , DIP-8L
- ★ Trigger Mode and Timing Chart :

HK537/HK527

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