

◆ 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

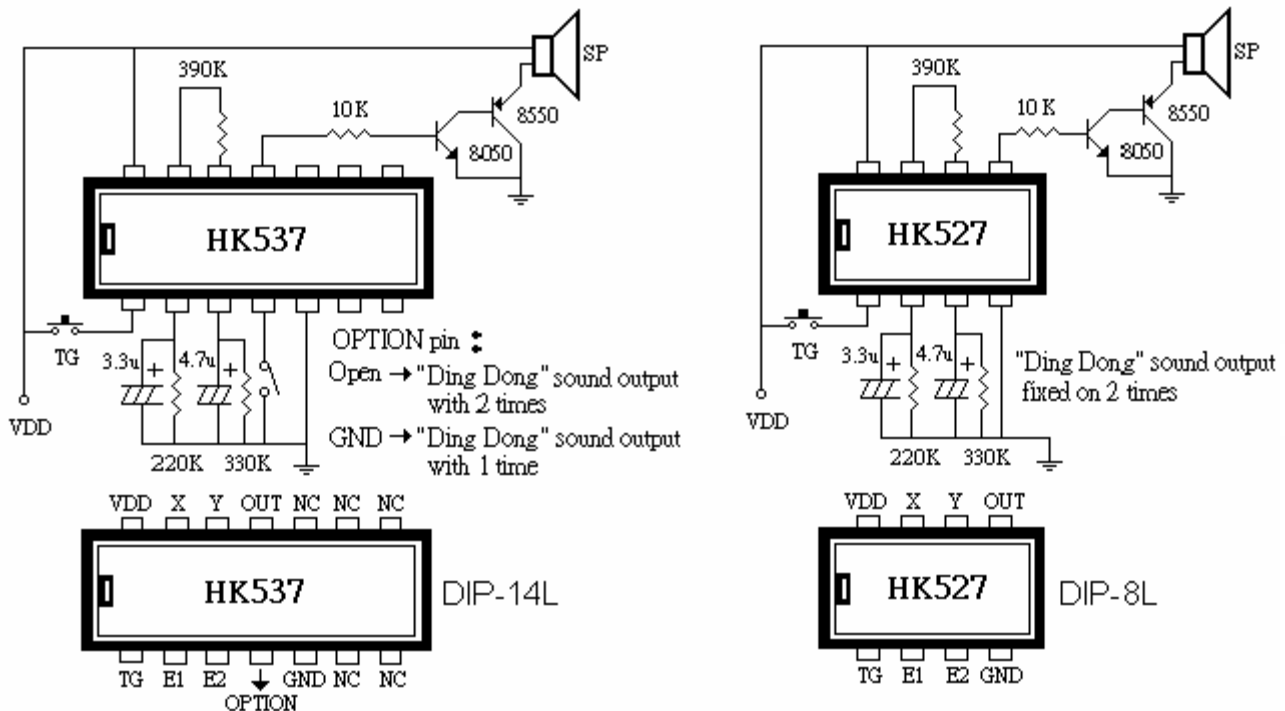
◆ Application

- * 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

DOOR BELL IC

DING-DONG SOUND WITH DUAL TONE

