

DOOR BELL IC

3 KIND DOOR BELL SOUNDS

◆ Features

- * Built 256 musical notes ROM memory with dual tone musical 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 DANG DONG “ (1 time) |
| TG2 | “ DING DONG “ (2 time) |
| TG3 | West Minister Bell |

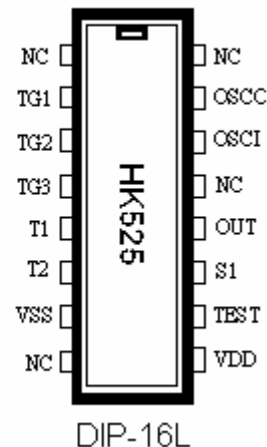
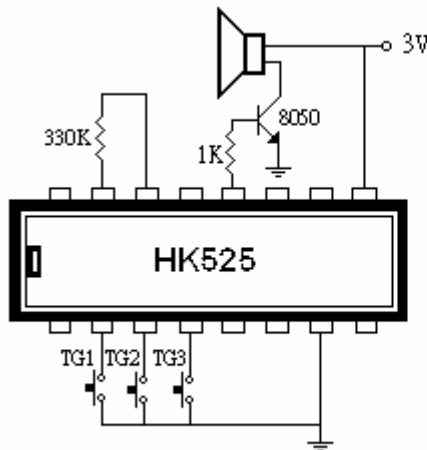
◆ Application

Door bell, Door phone, Security system, Alarm system

◆ Electrical Characteristics

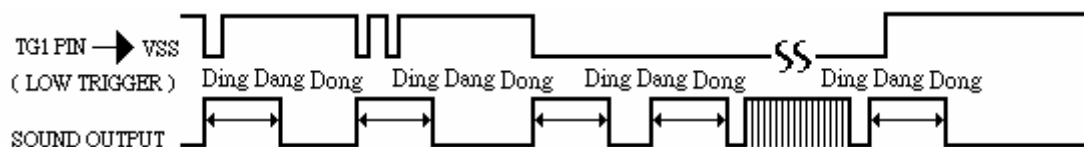
| Characteristics | Sym. | Min. | Typ. | Max. | Unit | Remark |
|-----------------------|------------------|------|------|------|------|-------------------------------|
| Operating voltage | V _{DD} | 1.9 | 3 | 4.8 | V | |
| Operating current | I _{OP} | ---- | 0.1 | 0.5 | mA | |
| Stand by current | 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

