

◆ Features

- * 2 trigger pins for 2 independent sounds output with envelop sound effect
- * When trigger pin (TG1 or TG2) is triggered , will present a " Ding Dong " sounds with 2 times or a string " Bird " sound output
- * Trigger type of TG1 & TG2 by one shot re-trigger mode , sounds will be output continually when always TG1 pin connected to VDD or TG2 pin connect to VSS
- * Sound quality can be modify by C1 capacitors of ENV pin or Rosc (oscillator resistor)

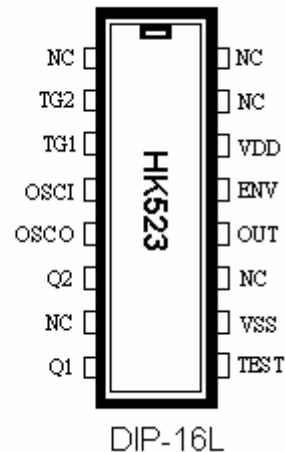
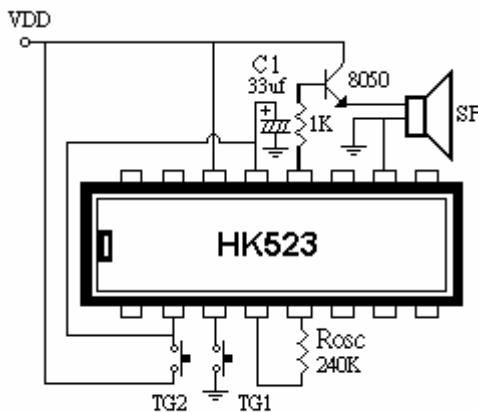
◆ Application

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

◆ Electrical Characteristics

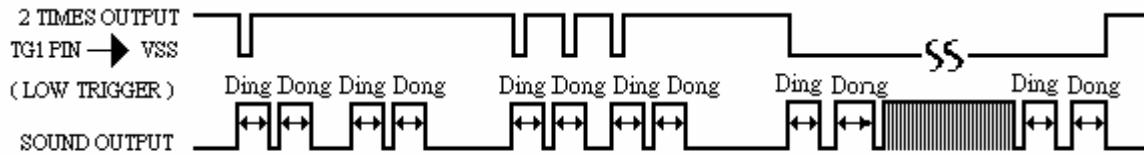
Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	2.6	3.0	5.6	V	
Operating current	I _{OP}	----	0.3	0.6	mA	
Stand by current	I _{SB}	----	1	5	uA	
Oscillator frequency	F _{OSC}	----	64	----	KHz	±30% Rosc= 240KΩ
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O	1	----	----	mA	@ V _{DS} =1V

◆ Application circuit

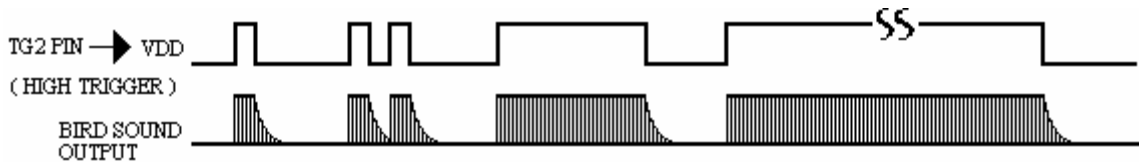


TG1 : " Ding - Dong " sound with 2 times output
 TG2 : " Bird " sound

- ★ Package Type : DIP-16L
- ★ Trigger Mode and Timing Chart :



TRIGGER MODE : ONE SHOT NON RE-TRIGGER



TRIGGER MODE : ONE SHOT RE-TRIGGER