

SOUND EFFECT IC

6 KEYS WITH 6 SIREN SOUNDS

◆ Features

- * 1 LED flash circuit built in for sound output indication
- * Trigger mode fixed on level hold type
- * 6 siren sounds to be playing from 6 independence trigger keys (K1 , K2 , K3 , K4 , K5 , K6 pin)
- * Lower power consumption in IC body

PIN	SOUND LIST
K1	Police Car 1
K2	Fire Engine
K3	Ambulance
K4	O,O,O,OAlarm
K5	Ki,Ki,Ki,Ki.....Alarm
K6	Police Car 1

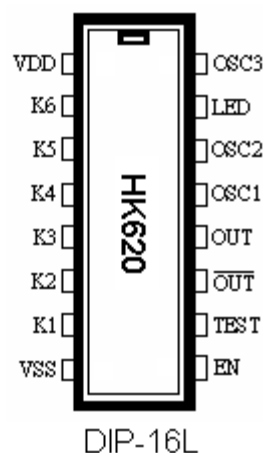
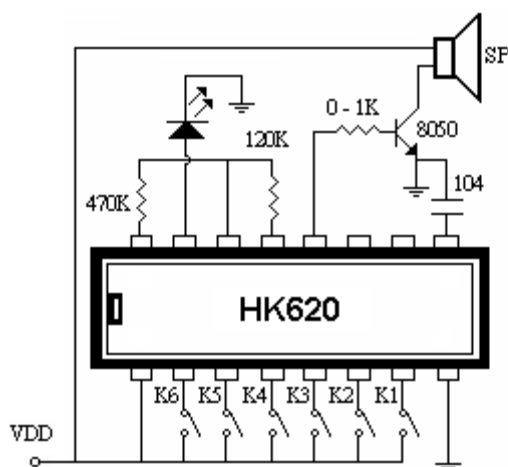
◆ Application

- * Toys , TV game , Key chain , Alarm system

◆ Electrical Characteristics

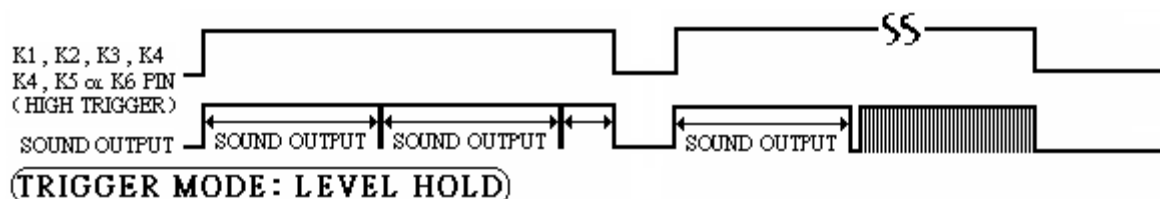
Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	1.8	3	4.8	V	
Operating current	I _{OP}	----	0.1	0.5	mA	No Load
Stand by current	I _{SB}	----	1	10	uA	
Oscillator frequency	F _{OSC}	----	108	----	KHz	± 30% R _{osc} = 120KΩ
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O	1	----	----	mA	@ V _{DS} =1V

◆ Application circuit



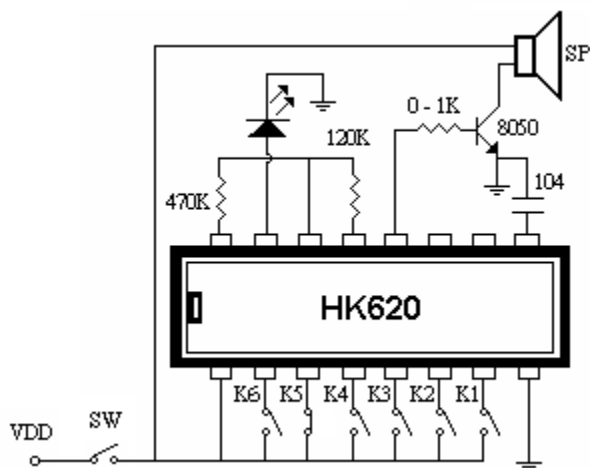
★ Package Type : DIP-16L

★ Trigger Mode and Timing Chart :



◆ Application circuit II

(1) Power directly control sound ON / OFF type



(2) Car Alarm application for output device with ceramic buzzer

