

SOUND EFFECT IC

4 SIRENS WITH 1 LED BLINKING

◆ Features

- * Built in 1 LED flash circuit for sound output indication
4 siren sounds to be playing from 4 independence trigger keys (TG1 , TG2 , TG3 , TG4 pin)
- * LH pin : trigger mode option by one shot with re-trigger type (LH pin open) or level hold type (LH pin connect to GND)

PIN	SOUND LIST
TG1	Ambulance
TG2	Fire Engine
TG3	Police Car
TG4	Ki , Ki , KiAlarm

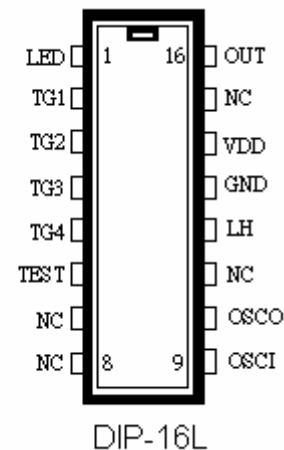
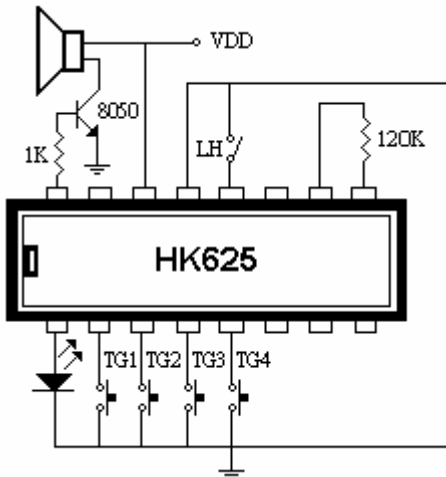
◆ Application

Toys, TV game, Key chain, Alarm system

◆ Electrical Characteristics

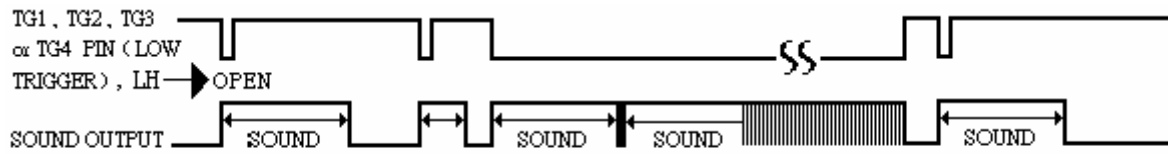
Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	1.8	3	4.8	V	
Operating current	I _{OP}	----	0.1	0.5	mA	No Load
Stand by current	I _{SB}	----	1	5	uA	
Oscillator frequency	F _{OSC}	----	128	----	KHz	±30% R _{osc} = 120KΩ
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O	1	----	----	mA	@ V _{DS} =1V

◆ Application circuit

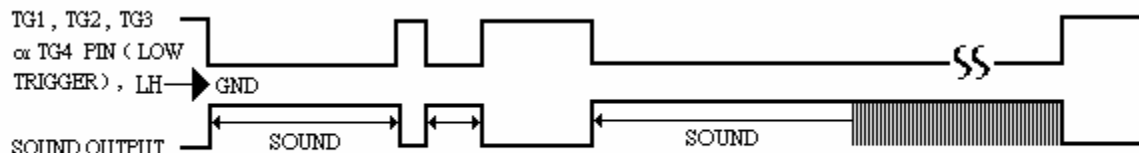


★ Package Type : DIP-16L

★ Trigger Mode and Timing Chart :



TRIGGER MODE : ONE SHOT RE-TRIGGER



TRIGGER MODE : LEVEL HOLD