

### ◆ Features

- \* Built in 5 LEDs flash circuit ( L1 → L5 blinking ) for sound output indication
- \* Built Rose in body , Oscillator frequency is fixed on 128KHz
- \* 1 trigger key ( TG pin ) for 8 sounds sequence output when TG pin is sequence triggered . Trigger mode by one shot non retrigger type
- \* SQD pin : Can be option sound no.1,2,3,.....to 8 repeat when SQD pin is opened
- \* RD pin : Can be option sound no.1,2,3,.....to 8 for output by sequence or random , It is setting random output if RD pin connected to VSS

### No SOUND LIST

- 1 Rifle Gun
- 2 Rifle Gun ( Echo effect )
- 3 Alarm sound
- 4 Dual Tone Effect
- 5 Bomb 1
- 6 Bomb 2
- 7 Electric Gun 1
- 8 Electric Gun 2

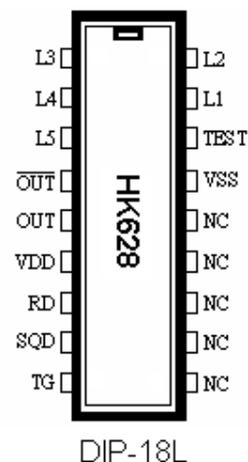
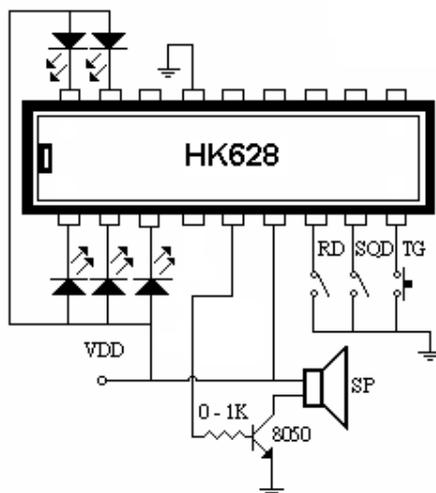
### ◆ Application

- \* Security System Toys , Key Chain , TV game

### ◆ Electrical Characteristics

Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V <sub>DD</sub>	1.8	3	4.8	V	
Operating current	I <sub>OP</sub>	----	0.1	0.5	mA	No Load
Stand by current	I <sub>SB</sub>	----	1	5	uA	
Oscillator frequency	F <sub>OSC</sub>	----	128	----	KHz	± 30%
Operating temperature	T <sub>EMP</sub>	0	25	60	°C	
Driving current	I <sub>O</sub>	1	----	----	mA	@ V <sub>DS</sub> =1V

### ◆ Application circuit



★ Package Type : DIP-18

★ Trigger Mode and Timing Chart :

# HK628

## SOUND EFFECT IC

## 1 KEY TRIGGER WITH 8 SOUNDS EFFECT

