

SOUND EFFECT IC

9 KEYS WITH 8 SOUNDS EFFECT

◆ Features

- * Built in 1 LED flash circuit for sound output indication
- * 8 sounds can be playing from 8 independence trigger keys (K1 , K2 , K3 , K4 , K5 , K6 , K7 , K8 pins)
- * LH pin : trigger mode by one shot re-trigger (LH pin is opened) type or level hold (LH pin connect to VSS)
- * 1 sequence trigger key (SQ) for 8 sounds output when SQ pin is sequence triggered

KEY

SOUND LIST

K1	Rifle Gun
K2	Rifle Gun (Echo effect)
K3	Alarm sound
K4	Telephone Ring
K5	Bomb 1
K6	Bomb 2
K7	Electric Gun 1
K8	Electric Gun 2

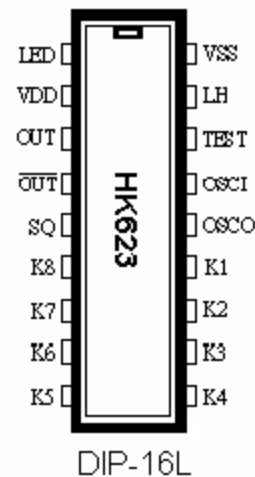
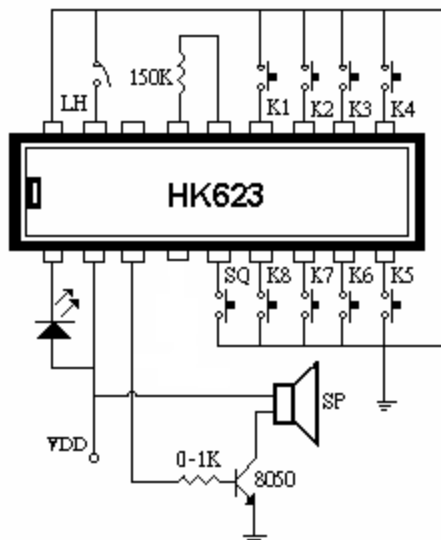
◆ Application

- * Security System , Toys , Alarm Clock

◆ Electrical Characteristics

Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	VDD	1.8	3	4.8	V	
Operating current	IOP	----	0.1	0.5	mA	No Load
Stand by current	ISB	----	1	5	uA	
Oscillator frequency	FOSC	----	100	----	KHz	± 30% Rosc= 150KΩ
Operating temperature	TEMP	0	25	60	°C	
Driving current	Io	1	----	----	mA	@ VDS=1V

◆ Application circuit



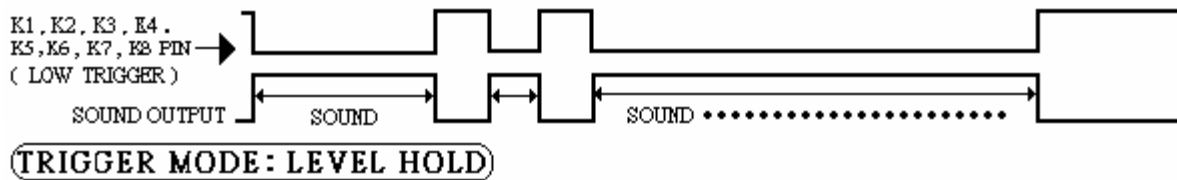
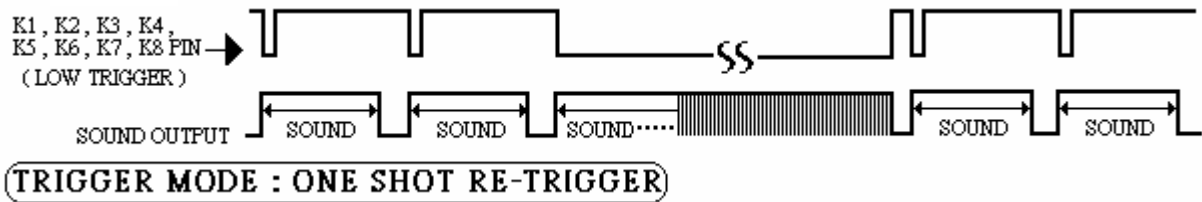
★ Package Type : DIP-18L

★ Trigger Mode and Timing Chart :

HK623

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Timing chart of SQ pin

