

### ◆ Features

- \* 64 musical notes melody
- \* Built oscillator resistor in IC body
- \* Continuous sound output while power is plugged in
- \* Power on reset , also melody output begins from first musical note
- \* HK66T-19S plays with one song output only without continuous when power be plugged in

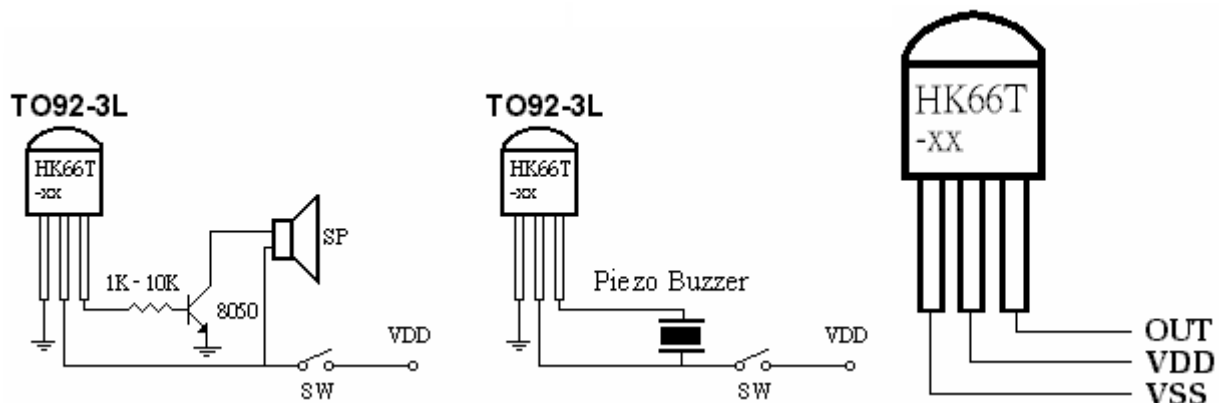
### ◆ Application

- \* Toys , Clock melody , Telephone set

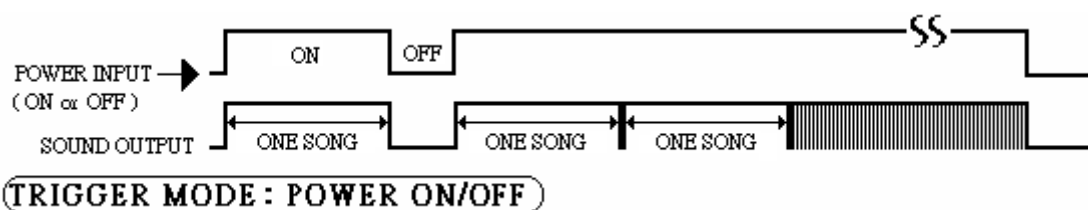
### ◆ Electrical Characteristics

Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V <sub>DD</sub>	----	3.0	4.5	V	
Operating current	I <sub>OP</sub>	----	0.1	0.5	mA	
Stand by current	I <sub>SB</sub>	----	1	5	uA	
Oscillator frequency	F <sub>OSC</sub>	----	100	----	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

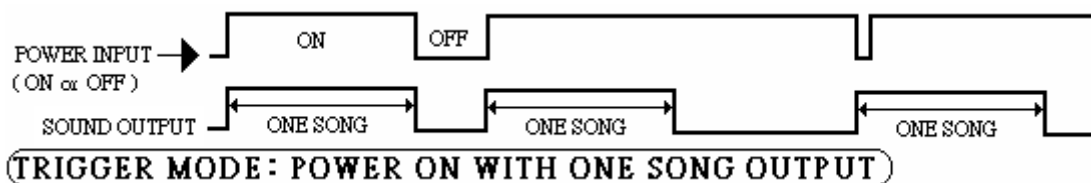
### ◆ Application circuit



- ★ Package Type : TO92-3L
- ★ Trigger Mode and Timing Chart :



HK66T-19S timing chart :



## ◆ Song List

<u>P/N</u>	<u>SONG NAME</u>	<u>SONG DURATION</u>
HK66T-05	HOME SWEET HOME	42 SEC.
HK66T-08	HAPPY BIRTHDAY	32 SEC.
HK66T-11	LOVE ME TENDER LOVE ME TRUE	24 SEC.
HK66T-19	FOR ALICE	48 SEC.
HK66T-19S	FOR ALICE	48 SEC.
HK66T-68	IT IS A SMALL WORLD	26 SEC.
HK66T-0A	JINGLE BELL	16 SEC.
HK66T-32	CUCKOO WALTZ	24 SEC.