

SIMPLE MELODY IC

DUAL TONE WITH TO-92 PACKAGE

◆ Features

- * 128 musical notes melody with dual tone sound quality
- * Built oscillator resistor in IC body
- * Continuous sound output when power is plugged in
- * Power on reset , also melody output begins from first musical note

P/N	SONG NAME
HK77T - 68	IT IS A SMALL WORLD

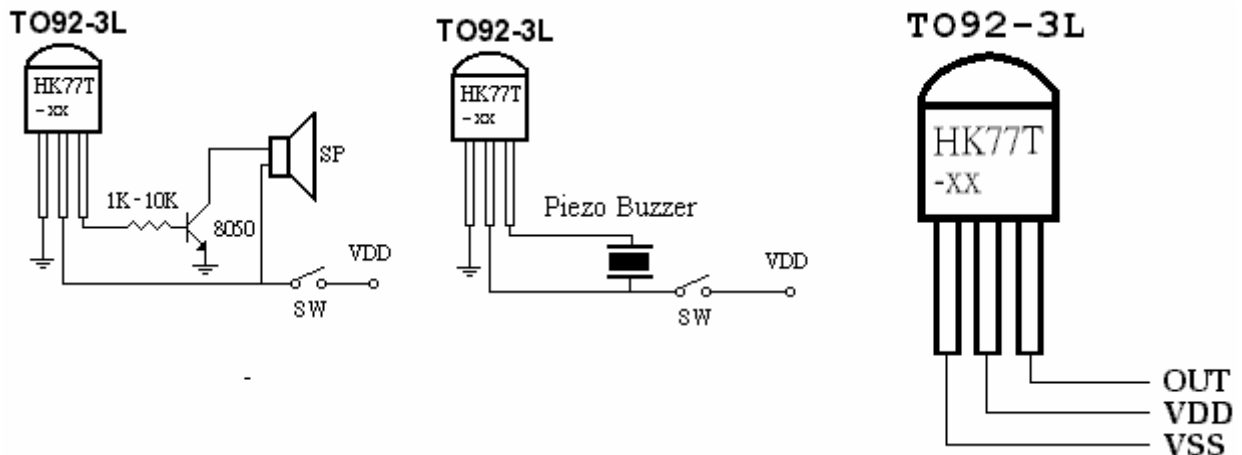
◆ Application

Toys, Clock melody, Telephone set

◆ Electrical Characteristics

Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	V _{DD}	----	3.0	4.5	V	
Operating current	I _{OP}	----	0.1	0.5	mA	
Stand by current	I _{SB}	----	1	5	uA	
Oscillator frequency	F _{OSC}	----	100	----	KHz	±30%
Operating temperature	T _{EMP}	0	25	60	°C	
Driving current	I _O	1	----	----	mA	@ V _{DS} =1V

◆ Application circuit



★ Package Type : TO92-3L

★ Trigger Mode and Timing Chart :



TRIGGER MODE : POWER ON/OFF