

# Rato

RT0620

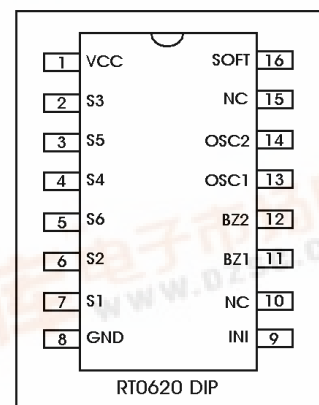
## Description :

The RT0620 is a CMOS design for six different alarm sounds application. According to the priority of the select keys. The sound of RT0620 will be generated in cycling sequence, The SOFT CHIRP only be generated within 200ms of the first sound.

## Features :

- Auto Power off function
- Low Operating Voltage 2V~5V.
- CMOS process.
- On-chip RC oscillator.
- 6 different sounds.
- 6 prioritized keys for selecting 6 different sounds.
- Low stand by current.
- 200 ms SOFT CHIRP

## Pin Out :



## Absolute Maximum Rating:

Symbol	Parameter	Conditions	Rating	Unit
VCC	Supply Voltage		-0.3 ~ 6	V
Vi	Input Voltage		-0.3 ~ VCC+0.3	V
Vo	Output Voltage		-0.3 ~ VCC+0.3	V
Tst	Storage Temperature		-40 ~ 125	°C
Ttp	Operating Temperature		-20 ~ 70	°C

## Electrical Characteristics :

VCC = 3V , Temp. = 25°C

Symbol	Parameter	Conditions	Min.	Typ.	Max.	Unit
VCC	Operating Voltage		2.0	3.0	5.0	V
I <sub>sb</sub>	Stand-By Current			10	20	uA
I <sub>op</sub>	Operating Current			300	500	uA
I <sub>oh</sub>	BZ1, BZ2	VCC = 1.5V	1.0			mA
I <sub>ol</sub>	Driving Current	VCC = 1.5V	1.0			mA
F <sub>op</sub>	Operating Frequency			128		K Hz