

The RT0608 is a CMOS Design for six different alarm sounds application. The sound of RT0608 will be generated in cycling sequence.

Features

Low Operating Voltage 2V ~ 5V

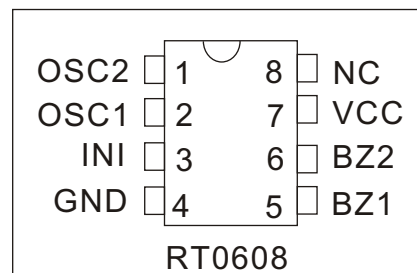
CMOS process

On-Chip RC oscillator

6 different sounds

Low stand by current

Pin Diagram



Pin Out And Description

Symbol	Description	Pin	I / O
OSC2	Oscillator pin with external resistor.	1	O
OSC1		2	I
INI	An internal pull-up resistor. Might disable Sound out of BZ1, BZ2 while connected GND.	3	I
GND	Ground	4	
BZ1	SIREN sound output pin.	5	O
BZ2		6	O
VCC	Power pin.	7	
NC	No connecting	8	

Electrical Characteristics

Vcc=3V , Temp=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit
Operating Voltage	Vcc	2.0	3.0	5.0	V
Stand-By Current	I _{sb}		10	20	uA
Operating Current	I _{op}		300	500	uA
BZ1, BZ2	I _{oh}	1.0			mA
Driving Current	I _{ol}	1.0			mA
Operating Frequency	F _{op}	70	80	128	KHz

Absolute Maximum Ratings

Symbol	Parameter	Rating	Unit
Vcc	Supply Voltage	-0.3 ~ 6	V
V _i	Input Voltage	-0.3 ~ Vcc + 0.3	V
V _o	Output Voltage	-0.3 ~ Vcc + 0.3	V
T _{st}	Storage Temperature	-40 ~ 125	°C
T _{tp}	Operating Temperature	0 ~ 65	°C