

The RT0104 is a CMOS Design for single tone alarm sound application

Features

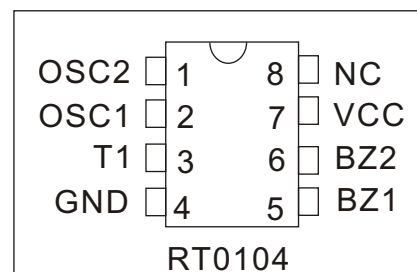
Low Operating Voltage 3V ~ 5V

CMOS process

On-Chip RC oscillator

Low stand by current

Pin Diagram



Pin Description

Symbol	Description	Pin	I / O
OSC2	Oscillator pin	1	I
OSC1	Oscillator pin	2	O
T1	Test Pin	3	O
GND	Ground	4	
BZ1	Audio output	5	O
BZ2	Audio output	6	O
VCC	Power	7	
NC	No connecting	8	

Electrical Characteristics

Vcc=3V , Temp=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit
Operating Voltage	Vcc	3.0	4.0	5.0	V
Stand-By Current	Isb		50	60	uA
Operating Current	Iop		300	500	uA
BZ1, BZ2	Ioh	1.0			mA
Driving Current	Iol	1.0			mA
Operating Frequency	Fop		128		KHz

Absolute Maximum Ratings

Symbol	Parameter	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	0 ~ 65	°C