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DT317 (SS317)

Ghost Sound

Features :

Built in oscillator.

Cycle duration about 16 ~ 20 sec .

Auto power off .

General Description :

DT317 is a new type of CMOS sound generator designed with sound composite system using minimum application circuit .It is dedicated to the applications such as rhythm box, toys, ect.. and is easy for you to design your consumer products.

Absolute Maximum Ratings :

RATING	VALUE
DC Supply Voltage	<6.5V
Input/output Voltage	GND-0.3V to VDD+0.3V
Operating Temperature	-10°C to 60 °C
Storage Temperature	-25°C to 125°C

Electrical Characteristics

Characteristics	Sym	Min	Typ	Max	Unit	Remark
Operating Voltage	VDD	-	3	3.5	V	
Quiescent IDD	IDD	-	1	5	uA	
BZ Driving IDD	Io	1	-	-	mA	@ VDS =1V
LED Sink Current	ILED	10	-	-	mA	@ VDS=1.2V
Oscillator Frequency	Fosc	-	100	-	KHz	? 30%TOL

Application Circuit :

