

◆ Features

- * Voice time capacity in 40 , 60 , 120 , 180 , 240, 300, 360 seconds for 7 kind mask IC bodies available
 - HK1740 for 40 sec voice IC body
 - HK17240 for 240 sec voice IC body
 - HK1760 for 60 sec voice IC body
 - HK17300 for 300 sec voice IC body
 - HK17120 for 120 sec voice IC body
 - HK17360 for 360 sec voice IC body
 - HK17180 for 180 sec voice IC body
- * Built in one 1024 voice step in the table , could be partitioned up to 128 voice group
- * Mask option for trigger input mode by ALONG type (one trigger key for one sound output) or MATRIX type ROW1, ROW2 , ROW3 , ROW4 , ROW5 , ROW6 , ROW7 , ROW8 and COL1, COL2 , COL3 , COL4 , COL5 , COL6 , COL7, COL8 for maximum to 64 trigger pins for 64 voice section option
- * Could be option Rosc with internal built in (OSC pin is open) or external type , sound quality can be modify from value adjusting of external Rosc .
- * Input trigger key can be programming by one shot , level hold , one shot re-trigger ...or other trigger mode
- * 4 output pin (STS1, STS2, STS3, STS4) can be function programmable to audio output signal , LED flashing signal , sound stop pulse signal , sound stop high level or low level signal , or chip busy pulse and high level or low level signal .

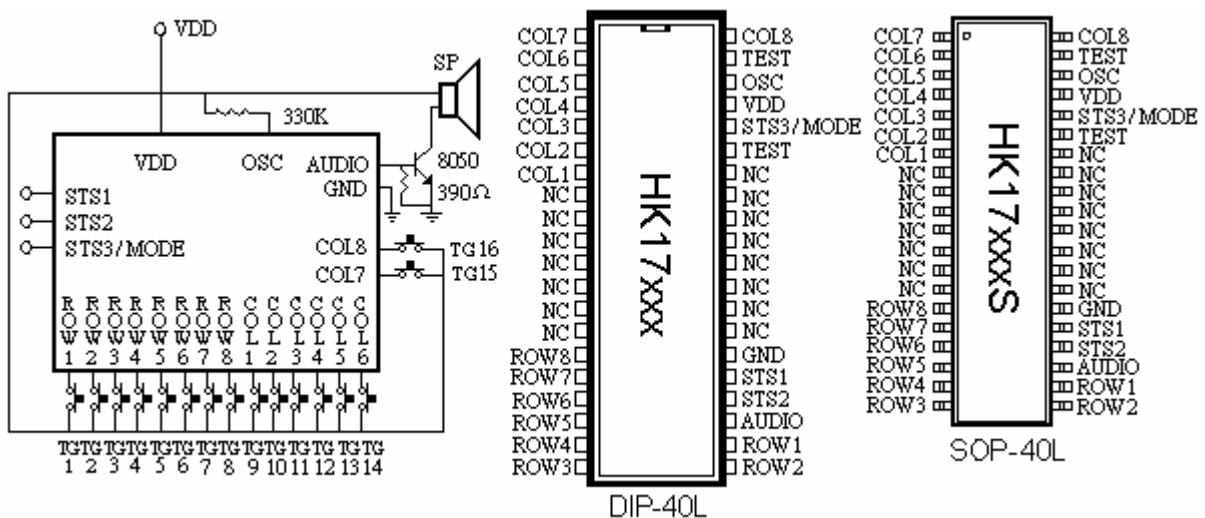
◆ Application

Security system, Toys, Alarm clock, Greeting card

◆ Electrical Characteristics

Characteristics	Sym.	Min.	Typ.	Max.	Unit	Remark
Operating voltage	VDD	2.4	3.0	5.1	V	
Operating current	IOP	----	----	200	uA	VDD=3V , NO LOAD
Stand by current	ISB	----	----	0.1	uA	
Oscillator frequency	FOSC	----	1.0	----	MHz	
Operation temperature	TEMP	0	25	60	°C	
Driving current	IO	----	10	----	mA	

◆ Application circuit



★ PACKAGE TYPE : DIP-40L , SOP-40L

◆ Application circuit (II)

64 voice sections by 64 matrix trigger keys , transistor for output amplifier device

