



HM4801

MULTI-INSTRUMENT MELODY GENERATOR

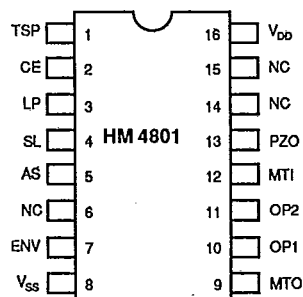
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SIMPLE MELODY GENERATOR

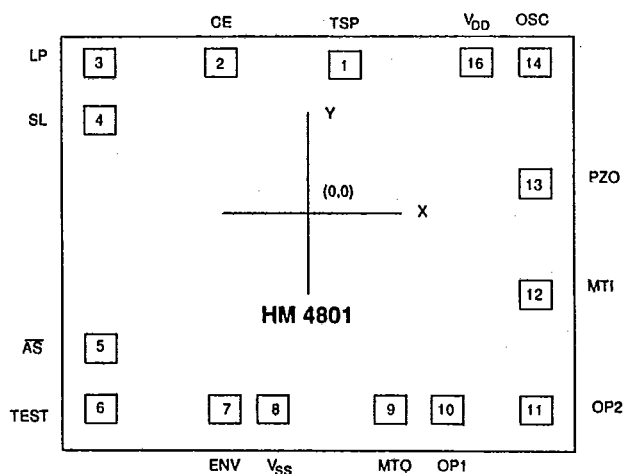
Features

- * 512 notes memory includes up to 16 songs.
- * Any of the programmed songs can be external volume control.
- * 5 tempos available through mask ROM setting.
- * Different songs available through the modification of mask ROM.
- * Built-in oscillator and preamp circuit.
- * 1.35V-5V operating voltage.
- * Very low stand-by current (Under stand-by state, oscillator circuit is halted).
- * Plays all the songs repeated or auto stopped.
- * Play one song only, which can be repeated-ly or auto stop.
- * Every song starts from its first note.
- * 16 pins DIP package\Bare chip form

Pin Assignment



Bonding Pad Diagram



Features

- * Wide range of supply voltage 1.2~3.6V
- * 64 notes memory.
- * Built in RC oscillator.
- * Three playing modes (One-shot, coincidence and level hold).
- * Very low power consumption both during play and standby.
- * When the melody stops, the oscillator stops and the two output Pads are isolated from the plezo buzzer lest the constant voltage should cause damage to the piezo-buzzer.
- * Suited for CDS usage.

Bonding Pad Diagram

