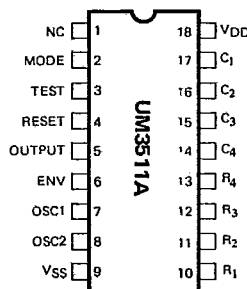


UM3511A Melody Organ Generator

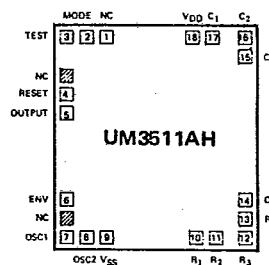
Features

- Typical 3V operating voltage and low power consumption
- Can play a scale with 15 notes (G3-G5)
- Can replay a tune with real time (max. 47-note memory)
- First key priority
- Up to 15 songs can be selected (512-note memory)
- Magnetic speaker can be driven by connecting an NPN transistor
- 8 programmable tempos
- One key, one song with auto-stop function

Pin Configuration



Pad Configuration



UM3522AD/AM Paper Organ (Electronic Keyboard IC)

Features

- Typical 3V operating voltage and low power consumption
- Piezo buzzer, direct drive capability
- A magnetic speaker can be driven by connecting a PNP transistor
- 64 KHz clock
- Fast test capability
- RC oscillator with one external resistor
- First key priority
- On-chip modulator for external RC envelope
- Vibrato effect
- Direct 15-key whole tone application (C4 ~ C6)
- LED can be driven by connecting an NPN transistor
- Oscillator auto-off function

Pad Configurations

