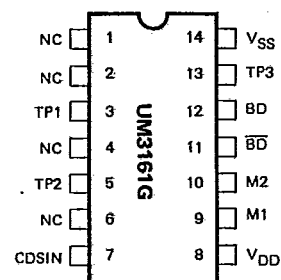


## UM3161G Series Simple Melody Generator

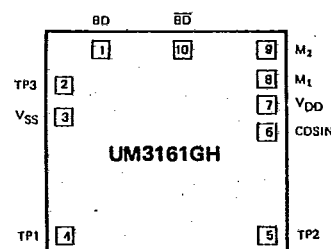
### Features

- 63-note ROM memory
- 1.3 V to 3.3 V power supply
- Low power consumption
- On chip RC oscillator
- 4 playing modes selectable by bonding option
- Direct piezo drive
- Dynamic speaker can be driven by connecting an external transistor
- Auto power-off capability
- CdS trigger function
- Minimum 5 bonding pads
- 8 beats can be selected from 15 beats
- One tempo can be selected from 15 programmable tempos
- 16 tones (including rest) from C4-C6 (2 Octaves) can be used

### Pin Configuration



### Pad Configuration

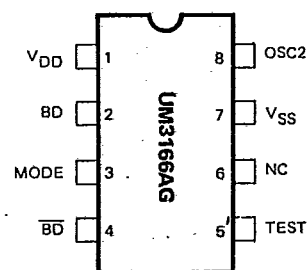


## UM3166AG Series Simple Melody Generator

### Features

- 63-note ROM memory
- 1.3V to 3.3V power supply and low power consumption
- RC oscillation on chip
- One shot or level hold mode (user option)
- Compass: 2 octaves (C4-C6)
- Direct piezo drive
- Auto stop capability
- Dynamic speaker can be driven with an external NPN transistor
- Power on reset; melody begins from the first note

### Pin Configuration



### Pad Configuration

