



HM3701

TOUCH SENSITIVE DIMMER

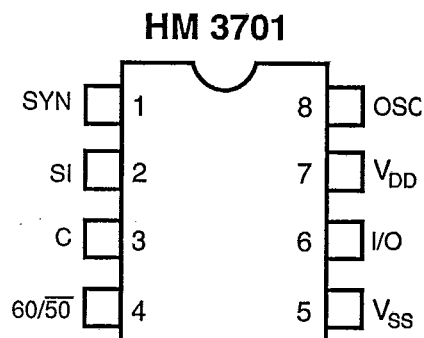
HM2003

SPEAKER-DEPENDENT VOICE-RECOGNITION IC

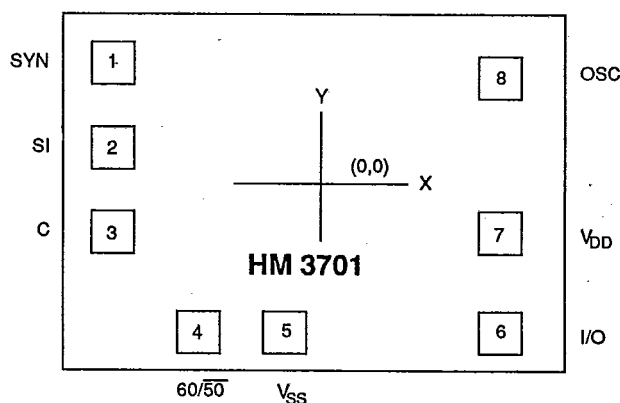
Features

- * Operated on 50Hz/60Hz line frequency in one chip.
- * Continuous brightness decay time is 6 sec and turns off automatically.
- * Operates in stepwise or continuous brightness control.
- * Reduces power dissipation.
- * High sensitive touch sensor input.
- * Provides three functions.
- * Continuous brightness decay can be held at any desired level.

Pin Assignment



Bonding Pad Diagram



Feature

- * A single chip for speaker-dependent isolated-word recognition.
- * Number of active commands: 2 or 4, selected by external pin
- * Length of acceptable speaking time: 0.16 ~ 1.28 second. (depending on the no. of command recognized)
- * Recognition response time: 20 ms
- * Provide two modes of recognition output for user's selection: level and pulse mode.
- * Single power supply: 3.0 ~ 6.0 volts
- * Error indicating when improper voice is registered in training and in recognition mode.
- * Auto power off when no voice is detected during a user-specified time.
- * Few external components are required in application circuit.
- * Package form: DIP 24 pin.

Pin Assignment

