



HM2004

ADM VOICE CODER/DECODER

HM2050

VOICE SYNTHESIZER IC

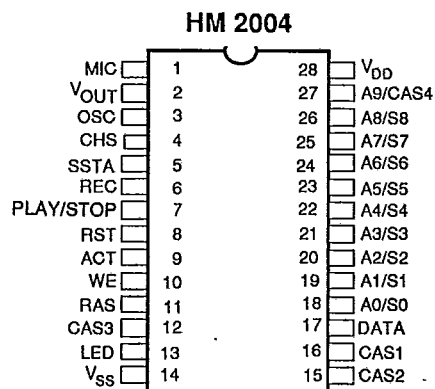
Feature

- * 28 pin DIP package.
- * A single chip LSI for voice recording/ reproducing.
- * Build in D-RAM interface with the capacity up to 4 pcs of 256k bit, or 3 pcs of 1M bit.
- * Provides fixed/Dynamic recording section length for user's option.
- * Max. recording section number: 8 sections
- * Bit rate is selectable: 11k, 16k, 22k, 32k bits/sec.
- * Fixed section length is selectable: 256k, 512k or 1M bits.
- * Maximum recording time: 2 min. 33 sec. (3 pcs 1M D-RAM, bit rate 22k bits/sec.)
- * Provides autopl原因-back function.
- * Automatically insert "BEEP" tone at the end of reproducing or not, pin option.
- * Single 5V power supply.

Application

- * Reminder.
- * Answer Machine.

Pin Assignment



Feature

- * Coding Method — PWM
- * Operating voltage: 2.4~5.0V
- * Synthesized voice — about 1.0 sec.
- * Voice driving device — Piezo buzzer/speaker.
- * Provide one-shot mode and level mode, selected by mask option.
- * Support CdS trigger interface.
- * Few external component is required.
- * Low power consumption.
- * Bare chip form

Bonding Pad Diagram

