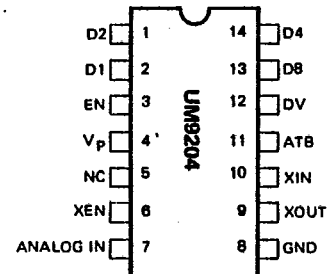
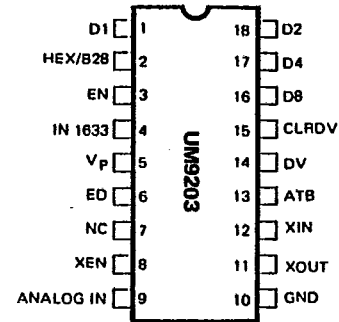


# UM9203/04 DTMF Receiver

## Features

- Single 5-volt power supply.
- Detects either 12 (UM9203) or 16 (UM9203/04) standard DTMF digits.
- Output in either 4-bit hexadecimal code (UM9203/04) or 2-of-8 binary code (UM9203)
- Full DTMF receiver in a single 18-pin (UM9203) or 14-pin (UM9204) plastic DIP package.
- Tristate outputs.
- Early detect output (UM9203 only).
- Excellent speech immunity.

## Pin Configurations



# UM9310 Cordless Telephone Controller

## Features

- Two independent phase locked loop frequency synthesizers for transmitting and receiving
- 10 channels selectable
- Single frequency reference of 10.240 MHz
- Operating voltage of 3.3 to 5.5 volts
- On-chip 444.4 bps FSK modem
- Duplex data passage on pilot tone
- On-chip 1K SRAM expansion interface
- Microcontroller interface bus
- On-chip DTMF generator
- On-chip ringing tone output
- On-chip key-in tone output
- 48-pin flat package

## Pin Configuration

