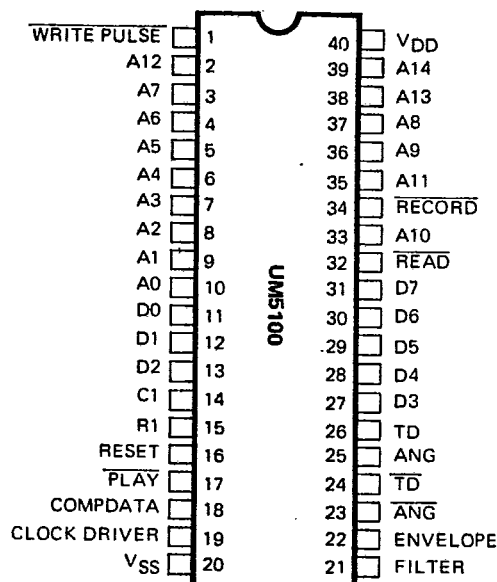


UM5100 Voice Processor

Features

- Voice recording and reproduction with external SRAM
- Voice reproduction with external EPROM or ROM
- Continuous variable slope Delta Modulation
- Max. addressable memory 256K
- Single 3V ~ 6V power operation
- Low power consumption ICMOS process
- Inexpensive RC oscillation
- Adjustable bit rates from 10K to 28K bps.
- High quality voice reproduction
- Applications for voice storage, security systems, telecommunication and other voice fields

Pin Configuration



UM3203A 5-Function, 3½-Digit, Multiplexed LCD Watch with Stopwatch

Features

- 5 functions (month, date, hour, minute and second.)
- A 15-minute, 1-second resolution stopwatch
- Direct driving of a standard 3½-digit multiplexed liquid crystal display
- 32768Hz quartz crystal time base
- Built-in voltage doubler
- Single 1.5V battery operation
- 12-hour format
- 4-year calendar
- 3 push-button control
- On-chip debounce circuit
- Power-on reset and manual reset
- High speed test capability
- Low power dissipation

Pad Configuration

