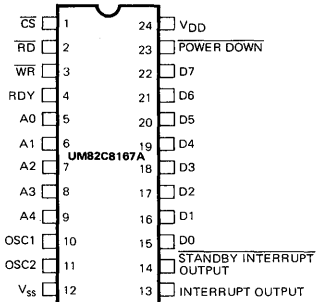# UMC

Feature

- Microprocessor compatible (8-bit data bus)
- Milliseconds through month counters
- 56 bits of RAM with comparator to compare the real time counter to the RAM data
- 2 INTERRUPT OUTPUTS with 8 possible interrupt signals
- Single +5V power supply

- POWER DOWN input that disables all inputs and outputs except for one of the interrupts
- Status bit to indicate rollover during a read
- 32,768 Hz crystal oscillator
- Four-year calendar (no leap year)
- 24-hour clock
- 24 pin dual-in-line package

General Description

The UM82C8167A is a Si-gate CMOS LSI used as a real time clock in micro system. This product includes an addressable real time counter, 56 bits of static RAM and two interrupt outputs. User can disable the chip from the rest of the system for standby low power operation by using of a POWER DOWN input. With an on chip oscillation circuit, it can generate the 32,768 Hz time base.

Pin Configuration

Block Diagram

Peripheral IC