

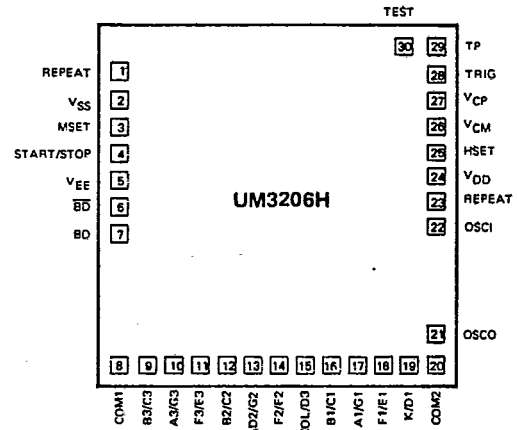
T-45-23-29  
T-49-15-02

## UM3206 3 1/2-Digit Countdown/Up Timer

### Features

- 3 1/2-digit LCD display
- Maximum countdown time 20 hours
- Count-up cycle time 20 minutes
- Count-down timer repeat function by bonding option
- Hours and minutes set independently
- Timer resets when depressing MSET and HSET simultaneously
- Directly drives piezoelectric buzzer
- Special alarm trigger output for switch control or for driving another melody IC such as UM3161
- 5-minute and 10-minute pre-alarm function
- Internal voltage doubler
- 32,768 Hz quartz crystal time base
- Single 1.5V battery operation

### Pad Configuration



## UM3216 5-Function 4-Digit Multiplexed LCD Watch with Alarm

### Features

- 5 functions (month, date, hour, minute, and second.)
- 4-year calendar.
- Alarm watch: hour, minute.
- 12 or 24 hour format by user option.
- Single 1.5V battery operation.
- Two buttons control all functions.
- Set rate by depression or at automatic 2 Hz rate.
- Built-in voltage doubler.
- Push-pull driving buffer for piezoelectric buzzer.
- Direct driving of a standard 4-digit multiplexed LCD and 3 information flags.
- Chimes every hour.
- One touch correction of time error within ±30 seconds.
- S and D closed simultaneously – LCD displays all the segments and alarm sounds.
- 32,768 Hz quartz crystal time base.
- Low power dissipation.
- Power on reset.

### Pad Configuration

