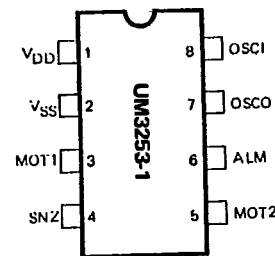
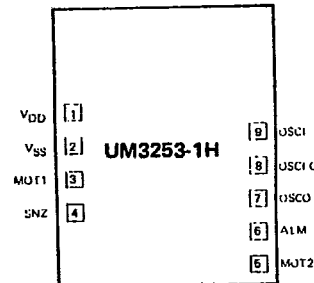


UM3253-1 Analog Alarm Clock with Snooze

T-49-15-02

Features

- Single 1.5V battery operation
- Very low current: typical $1.2\mu\text{A}$, maximum, $2\mu\text{A}$.
- Output for 1 Hz stepping motor with 31.25 ms pulse duration.
- 32768 Hz quartz crystal time base.
- Alarm outputs by mask option:
— UM3253-1: 2048 x 8 x 1 Hz
- 256 second snooze interval
- Alarm volume can be controlled by external components if needed

Pin Configuration**Pad Configuration****UM3273 Series $3\frac{1}{2}$ -Digit Multiplexed LCD Clock With Alarm****Features**

- $3\frac{1}{2}$ -digit 2-function clock: hours and minutes
- Alarm clock: hours and minutes
- Snooze function
- Direct driving of $3\frac{1}{2}$ digit $\frac{1}{2}$ -duty multiplexed LCD and 3 information flags
- Single 1.5V battery operation
- Built-in voltage doubler
- Alarm sound demonstration capability
- Direct driving of piezoelectric buzzer
- 7 switches (with pull-down resistors)
- Low power dissipation
- 32,768 Hz quartz crystal time base
- Push-pull driving buffer for buzzer
- Special alarm trigger output for switch control
- Power-on reset
- Colon flash or freeze is available

Pad Configuration