



CL8560

4 Digit LED Alarm Clock

DESCRIPTION

The CL8560 is alarm equipped digital clock IC with built-in driver capable of directly driving LED display equipment.

APPLICATIONS

- Alarm clocks
- Clock radios

FUNCTIONS

- Current time display
- Snooze alarm function
- Sleep timer function

FEATURES

- Built-in 32768 Hz quartz oscillator
- Duplex LED display drive
- LED direct drive through N-mos transistor
- Single chip CMOS LSI
- Built-in alarm function with 24-hour control
- Supports changeover between 12-hour AM/PM and 24-hour display
- Built-in input and output oscillator capacitors (20pF)
- Built-in automatic fast forward function for hour and minute settings
- Built-in sleep timer function maximum intervals for 59 minutes or 1 hour 59 minutes
- Built-in snooze function support
- 1.0 KHz or 2.0 kHz output for alarm tone by by mask option
- Power failure indicator

Keys:

6 keys:

- SNZ: while playing alarm tone, press this key to stop play and turn on snooze
- SLP: start sleep timer
- HR: adjust hour value
- MIN: adjust minute value
- ALD: press and hold this key to display alarm time
- AOF: disable alarm function

LED Drawing:

