



CL8560R

4 Digit LED CLOCK

DESCRIPTION

The CL8560R is a digital clock IC with alarm and sleep timer function. The built-in driver can to be directly driving LED display equipment.

APPLICATIONS

- Alarm Clocks
- Clock Radio

FUNCTIONS and FEATURES

- Current time display
- Snooze alarm function
- Sleep timer function
- Built-in 32768 Hz quartz oscillator
- 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 (25pF)
- 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
- 1.0KHz or 2.0 kHz output for alarm tone by mask option
- Power failure indicator

Keys:

6 keys for operation:

- SNZ: stop alarm tone and turn on snooze function while alarm tone is playing
- SLP: turn on sleep timer
- HRS: adjust hour
- MNS: adjust minute
- ALD: display alarm time
- AOF: turn off alarm function

LED Drawing:

