

RTC, TCXO, +/-2PPM, SPI, Date Format:YY-MM-DD, Clock Format:HH:MM:SS, Clock IC Type:RTC, Supply Voltage Min:2V, Supply Voltage Max:5.5V, IC Interface Type:SPI

DS3234SN# Image

Images are for reference only

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-20
Product Type	Clock & Timer ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for DS3234SN# or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

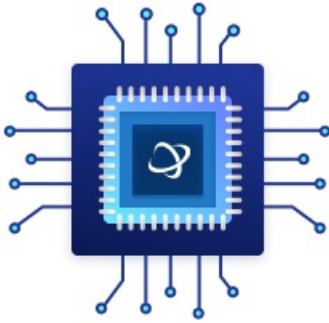
DS3234SN# is a real-time clock (RTC) IC (integrated circuit) manufactured by Maxim Integrated. It is a highly accurate RTC that uses an external crystal oscillator to generate the clock signal and has a temperature-compensated crystal oscillator (TCXO) to maintain accuracy over a wide temperature range. The '#' symbol in the part number refers to the package type, which is a surface-mount SOIC (small outline integrated circuit).

## Features

- High accuracy:  $\pm 2$ ppm from 0°C to +40°C
- Wide temperature range: -40°C to +85°C
- Low power consumption: 200nA in battery backup mode
- Integrated crystal oscillator circuitry
- Programmable alarms
- SPI (Serial Peripheral Interface) interface
- Battery backup input for maintaining timekeeping during power loss

## Application

- Industrial control systems
- Medical equipment
- Automotive systems
- Security systems
- Data loggers
- Smart meters
- Consumer electronics



## Related Products



### [DS1307+](#)

Analog Devices, Inc  
SOP8



### [DS12R887-33](#)

Analog Devices, Inc  
BGA48



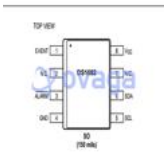
### [DS3232SN#](#)

Analog Devices, Inc  
SOIC-20



### [DS1338Z-33+](#)

Analog Devices, Inc  
SOIC-8



### [DS1682S+T&R](#)

Analog Devices, Inc  
SOP8



### [DS1374U-33](#)

Analog Devices, Inc  
MSOP10



### [DS1338Z-33](#)

Analog Devices, Inc  
SOIC-8



### [DS1644-120+](#)

Analog Devices, Inc  
DIP-28