



Data Sheet

Serial Real-Time Clock

Manufacturers Analog Devices, Inc

Package/Case MSOP-8

Product Type Clock & Timer ICs

Lifecycle

**RoHS** 



Images are for reference only

Please submit RFQ for DS1339U-33 or Email to us: sales@ovaga.com We will contact you in 12 hours.

**RFO** 

## **General Description**

DS1339U-33 is a real-time clock (RTC) IC (Integrated Circuit) produced by Maxim Integrated. It is a low-power, serial, I2C clock/calendar with an integrated temperature-compensated crystal oscillator (TCXO) and SRAM. The device can provide accurate timekeeping and calendar functions for various applications.

## **Features**

## **Application**

Low power consumption: 200 nA (typical) at 3.3V Consumer electronics: smart home devices, security systems, digital cameras, etc.

Wide operating voltage range: 2.3V to 5.5V Medical devices: glucose meters, infusion pumps, etc.

I2C interface supports 400 kHz protocol Industrial control systems: process control, automation, etc.

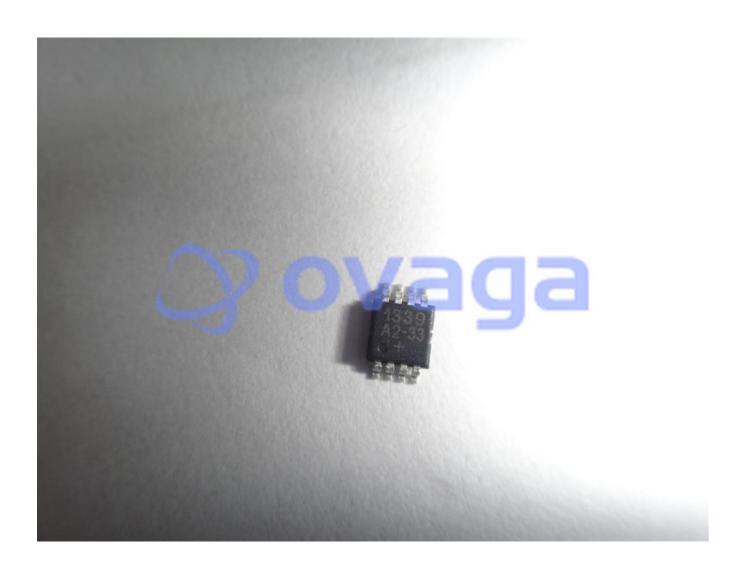
Integrated temperature-compensated crystal oscillator (TCXO) Automotive: dashboard clocks, event data recorders, etc.

Automatic backup power switch-over and write protection

Two time-of-day alarms

236 bytes of nonvolatile (NV) RAM

Industrial temperature range: -40°C to +85°C





## **Related Products**



**DS1307**+

Analog Devices, Inc SOP8



**DS3232SN#** 

Analog Devices, Inc SOIC-20



**DS12R887-33** 

Analog Devices, Inc BGA48



**DS1338Z-33**+

Analog Devices, Inc SOIC-8



**DS1682S+T&R** 

Analog Devices, Inc SOP8



Analog Devices, Inc MSOP10

**DS1374U-33** 



DS1338Z-33 Analog Devices, Inc SOIC-8



**DS1644-120+** 

Analog Devices, Inc DIP-28