

TCXO Oscillators 32.768kHz Temp Cntrld Crystal Osc

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Frequency Control & Timing Devices
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for DS32KHZSN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

DS32KHZSN is a low-power, temperature-compensated, crystal oscillator that operates at a frequency of 32.768 kHz. It is a product of Maxim Integrated, which is a company that produces a wide range of integrated circuits and electronic components.

Features

Low power consumption: The DS32KHZSN consumes only 1.3µA of current, making it ideal for use in battery-powered applications.

High accuracy: The DS32KHZSN has a typical accuracy of ±5ppm over the temperature range of -40°C to +85°C.

Small form factor: The DS32KHZSN comes in a compact 3.2mm x 2.5mm package, which makes it suitable for use in space-constrained applications.

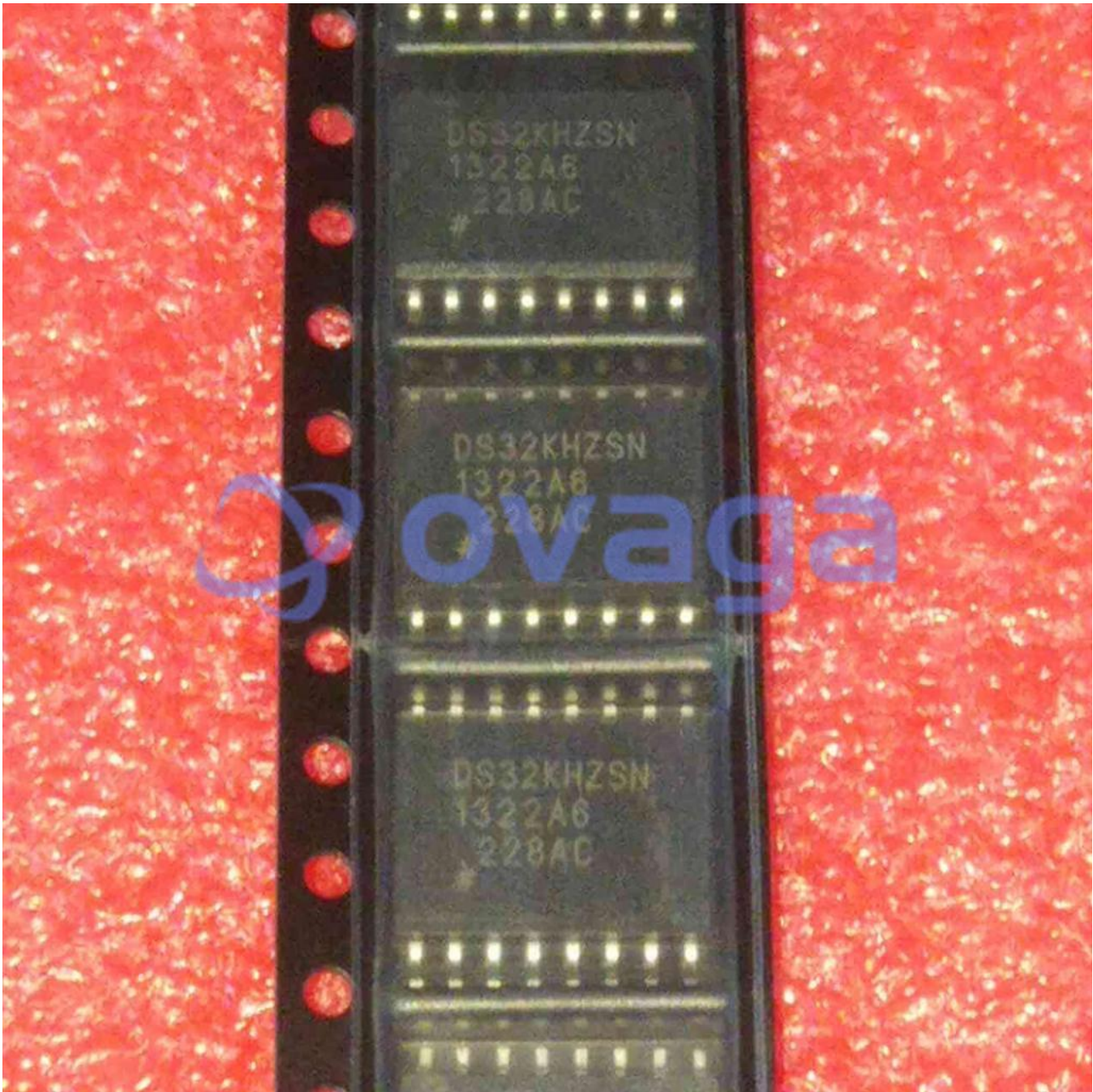
Application

Real-time clocks (RTC): The DS32KHZSN is commonly used as a clock source for RTCs in a wide range of applications, including smart watches, medical devices, and industrial controllers.

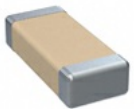
Power management: The DS32KHZSN can also be used as a clock source for power management circuits, including sleep/wake-up timers, watchdog timers, and battery-backed systems.

Communication systems: The DS32KHZSN is also used in communication systems that require accurate timing, such as wireless sensors and network gateways.



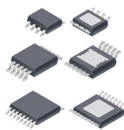


Related Products



[DS32KHZSN#T&R](#)

Analog Devices, Inc
SOP-16



[DS32KHZS](#)

Analog Devices, Inc
SOIC



[DS32KHZN/DIP](#)

Analog Devices, Inc
DIP-14



[DS1086LU](#)

Analog Devices, Inc
MSOP8



[DS32KHZS#T&R](#)

Analog Devices, Inc
16-SOIC (0.295", 7.50mm Width)



[MAX2620EUA](#)

Analog Devices, Inc
MSOP-8



[MAX2754EUA+](#)

Analog Devices, Inc
MSOP-8



[MAX2750EUA](#)

Analog Devices, Inc
8-TSSOP, 8-MSOP (0.118, 3.00mm Width)