



ECS Inc. International's is a recognized industry leader in frequency control and power management products such as the real time clock (RTC) for IoT, wearable, consumer product, automotive electronics, and medical product applications. A real time clock is a digital clock whose main function is to keep accurate track of time even when the power supply is turned off or the device is placed in low power mode. These all-in-one devices are engineered to provide better performances than discrete components, simplify integration in new designs, and accelerate time to market.

Model Information	Frequency Range	Package Size (mm)	Current	Frequency Stability	Operating Temperature Range	Inventory
ECS-RTC-3225-5609	32.768 kHz	3.2 x 2.5 x 1.0	2.0 μ A	\pm 5 PPM \pm 20 PPM	-20°C ~ +70°C -40°C ~ +85°C	Inventory
ECS-RTC-3225-5699HS	32.768 kHz	3.2 x 2.5 x 1.0	0.5 μ A	\pm 5 PPM	-40°C ~ +85°C	Inventory

Technical Resources:

- [ECS Inc. International Product Catalog](#)
- [Video Learning Resources](#)
- [Technical Guides + White Papers](#)
- [ECS Inc. International Website](#)

Applications:

- Computers
- Servers
- Embedded Systems
- IoT
- Ultra-Low Power
- Digital Clocks
- Smart Sensing
- Remote Computing
- Device Controlling

Features:

- 3.2 x 2.5 x 1.0 mm footprint
- Built in 32.768 kHz TCXO
- I²C bus interface
- Power Supply Voltage: 1.6 ~ 5.0V
- Current consumption as low as 0.5 μ A(Typ.)
- Wide Operational Temperature Range
- High Stability
- Automatic backup power switchover function
- Timer output function with adjustable period