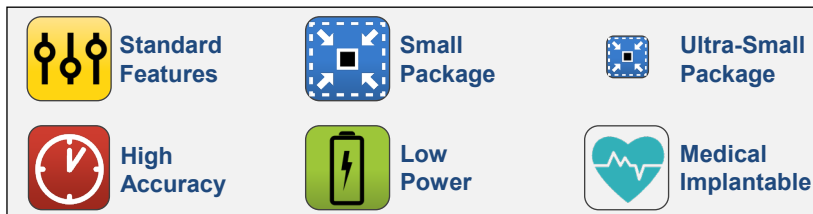
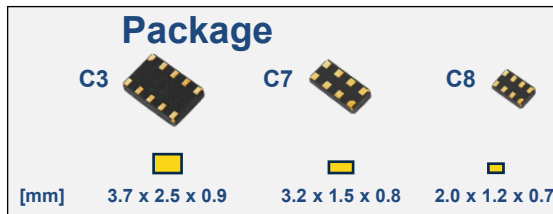
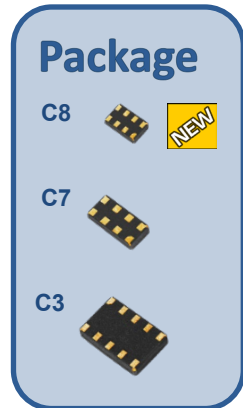


Product Type	Interface	Features	IDD @ 3 V	Time Accuracy @ 25°C	Temp. Comp. -40 / 85°C	VDD min	VDD max	TMAX [°C]	Temp. Readback	Clock Out	Battery Switch	Battery Charge	Charge Pump	Time Stamp	Alarm	Timer	Event Input	Unix Time	Offset Comp	RAM [Bytes]	EEPROM [Bytes]
RV-3032-C7	I ² C	  	160 nA		±2.5 ppm	1.3 V	5.5 V	+105	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	16	32
NEW RV-5028-C7	I ² C	   	45 nA	±1 ppm		1.1 V	5.5 V	+85		✓	✓	✓		✓	✓	✓	✓	✓	✓	2	43
NEW RV-3028-C7 RV-3028-C8	I ² C	   	45 nA 70 nA	±1 ppm		1.1 V	5.5 V	+85		✓	✓	✓		✓	✓	✓	✓	✓	✓	2	43
RV-8803-C7	I ² C	  	240 nA		±3 ppm	1.5 V	5.5 V	+105		✓				✓	✓	✓	✓		✓	1	
NEW RV-8263-C7 RV-8263-C8	I ² C	  	190 nA	±20 ppm		0.9 V	5.5 V	+85		✓					✓	✓			✓	1	
RV-4162-C7	I ² C	 	350 nA	±20 ppm		1.0 V	4.4 V	+85		✓					✓				✓		
RV-3129-C3	I ² C		800 nA		±6 ppm	1.3 V	5.5 V	+125	✓	✓	✓	✓			✓	✓				8	2
NEW RV-8063-C7 RV-8063-C8	SPI	 	190 nA	±20 ppm		0.9 V	5.5 V	+85		✓					✓	✓			✓	1	
RV-3149-C3	SPI		800 nA		±6 ppm	1.3 V	5.5 V	+125	✓	✓	✓	✓			✓	✓				8	2



For more details
about RTCs
← scan
and visit



Small in size

Portable

Having a battery!

Power saving

Small Modules

[RV-3032-C7](#)
[RV-3028-C7/C8](#)
[RV-4162-C7](#)
[RV-8063-C7/C8](#)
[RV-8263-C7/C8](#)
[RV-8803-C7](#)

Low Power Modules

[RV-3032-C7](#)
[RV-3028-C7/C8](#)
[RV-8803-C7](#)

Outdoor: large temperature range

Set time once, no need for correction

High accuracy, small time deviation per year

For harsh environment
 -40 to +125°C

Temperature Compensated Modules

[RV-3032-C7](#)
[RV-8803-C7](#)
[RV-3129-C3](#)
[RV-3149-C3](#)

Automotive Grade Temperature Compensated Modules

[RV-3032-C7](#) -40 ... +105°C
[RV-8803-C7](#) -40 ... +105°C
[RV-3129-C3](#) -40 ... +125°C
[RV-3149-C3](#) -40 ... +125°C



Empowering diverse applications, across all sectors...

Automotive & Mobility

- Battery Management System
- Control Units
- EV Charging
- Infotainment
- Logging (Event Data Recorder)
- Telematics

Consumer

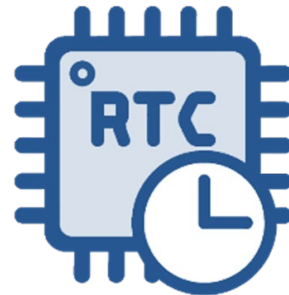
- Home Appliances
- Home Automation
- Wearables

Security

- Access Control
- Video Surveillance
- Alarm & Safety

Industrial

- Factory Automation
- Process Automation
- IIoT
- Metering
- Energy Management



Address the challenge of accurate timekeeping for reliable synchronization, while simultaneously extending battery life and minimizing footprint.

Medical & Healthcare

- Monitoring & Diagnostics
- Therapy Solutions
- Implantables