

RTC Product Overview



| Product Type | Main Feature | Interface | Time Accuracy | V _{DD} [V] | I _{DD} [nA] | T _A [°C] | Offset Comp. | Temp. Comp. | Backup Switch | Trickle Charge | Event input | RAM [Bytes] | EEPROM [Bytes] |
|---------------------------------|-------------------|------------------|-------------------------------------|---------------------|----------------------|---------------------|--------------|-------------|---------------|----------------|-------------|-------------|----------------|
| I²C Interface | | | | | | | | | | | | | |
| RV-4162-C7 | Standard | I ² C | ±20 ppm @ 25°C | 1.0 to 4.4 | 350 | -40 to +85 | ✓ | | | | | | |
| RV-8564-C2 | Standard | I ² C | ±20 ppm @ 25°C | 1.2 to 5.5 | 250 | -40 to +85 | | | | | | | |
| RV-8564-C3 | Standard | I ² C | ±20 ppm @ 25°C | 1.2 to 5.5 | 250 | -40 to +85 | | | | | | | |
| RV-2251-C3 | Power Management | I ² C | ±20 ppm @ 25°C | 0.9 to 5.5 | 210 | -40 to +85 | ✓ | | ✓ | | | 1 | |
| RV-8523-C3 | Ultra Low Power | I ² C | ±20 ppm @ 25°C | 1.2 to 5.5 | 130 | -40 to +85 | ✓ | | ✓ | | | | |
| RV-1805-C3 | X-Treme Low Power | I ² C | ±2 ppm @ 25°C Factory calibrated | 1.5 to 3.6 | 60 | -40 to +85 | ✓ | | ✓ | ✓ | ✓ | 256 | |
| RV-3029-C2 | DTCXO | I ² C | A ±6 ppm @ 0 -40°C to +85°C | 1.3 to 5.5 | 800 | -40 to +125 | | ✓ | ✓ | ✓ | | 8 | 2 |
| | | | B ±25 ppm @ -40°C to +85°C | | | | | | | | | | |
| RV-3029-C3 | DTCXO | I ² C | A ±6 ppm @ -40°C to +85°C | 1.3 to 5.5 | 800 | -40 to +125 | | ✓ | ✓ | ✓ | | 8 | 2 |
| | | | B ±25 ppm @ -40°C to +85°C | | | | | | | | | | |
| RV-8803-C7 | DTCXO | I ² C | ±3 ppm @ -40°C to +85°C | 1.5 to 5.5 | 240 | -40 to +85 | | ✓ | | | ✓ | 1 | |
| SPI Interface | | | | | | | | | | | | | |
| RV-8063-C7 | Standard | SPI | ±20 ppm @ 25°C | 0.9 to 5.5 | 190 | -40 to +85 | ✓ | | | | | 1 | |
| RV-2123-C2 | Ultra Low Power | SPI | ±20 ppm @ 25°C | 1.1 to 5.5 | 130 | -40 to +85 | ✓ | | | | | | |
| RV-3049-C2 | DTCXO | SPI | A ±6 ppm @ -40°C to +85°C | 1.3 to 5.5 | 800 | -40 to +125 | | ✓ | ✓ | ✓ | | 8 | 2 |
| | | | B ±25 ppm @ -40°C to +85°C | | | | | | | | | | |
| RV-3049-C3 | DTCXO | SPI | A ±6 ppm @ -40°C to +85°C | 1.3 to 5.5 | 800 | -40 to +125 | | ✓ | ✓ | ✓ | | 8 | 2 |
| | | | B ±25 ppm @ -40°C to +85°C | | | | | | | | | | |