

SEIKO EPSON CORPORATION
Sales & Marketing Division.
MD Sales & Marketing Department.
MICRODEVICES Operations Division.
MD Production Control & Procurement Dept.**Real Time Clock Module JE/NB Package EOL notice**

Dear Valued Customer:

Thank you for choosing SEIKO EPSON CORP. Timing Products as your products of choice. SEIKO EPSON CORP. always tries to improve the characteristics and performance of our products. However, we regret to announce the following products end of life.

The Last time buy, and the Last shipment schedule are following:

We appreciate if you will confirm the final number of orders for these products.

1. Products Affected, Recommend Alternatives

| Product name | | P/N | Recommended Alternative |
|--------------|------------|------------------|-------------------------|
| JE Package | RTC-8564JE | Q4185647xxxxx xx | RX8130CE |
| NB Package | RTC-8564NB | Q4185649xxxxx xx | RX8130CE |
| | RX-8571NB | X1B00006xxxxx xx | RX8130CE |
| | RX-8025NB | Q4180259xxxxx xx | RX8804CE |
| | RX-4045NB | Q4140459xxxxx xx | RX4901CE |
| | RX-4571NB | Q4145719xxxxx xx | RX4901CE |

2. Reason

Due to aging production equipment, it is difficult to maintain the Real Time Clock Module (JE/NB PKG) production line.

3. Schedule

| Item | Schedule |
|---------------|-------------------------------------|
| Last time Buy | 24th of April 2026 |
| Last shipment | End of October 2026 ^(*1) |

(*1) Please understand that it may be shipped after the final shipping date depending on the order status.

4. Conclusion / Request

We would greatly appreciate your approval of this EOL notice and issue your LTB of the affected products by above schedule.

In addition, please note that products on the end of life may not be able to submit survey items and data related to chemical substance in products in the future.

If you have any questions or require additional information about this ECN notice, please contact your local EPSON device sales office.

Sincerely yours,
SEIKO EPSON CORPORATION

Real Time Clock Module-JE/NB Recommended Alternative

TDPC25-039E Rev.1


October 15, 2025

SEIKO EPSON CORPORATION

MICRODEVICES Operations Division.

MD Production Control & Procurement Dept.

Schedule

| | CY25 | CY26 | CY27 |
|--|--|---|------|
| RTC-JE/NB | ● October / EOL notice | ● 24 th of April / Last time buy ● End of Oct / Last shipment | |
| Recommended Alternative RX8130CE RX8804CE RX4901CE | Currently in mass production  | | |

Comparison of specifications 1

| | | RTC-8564JE(NB) | RX-8571NB | RX8130CE |
|------------------------------|--------------------|--|-----------------------|---|
| PKG size | | JE(7.0x6.0x1.5mm) | NB(6.3x5.0x1.4mm) | CE(3.2x2.5x1.0mm) |
| Interface Type | | I2C-Bus | ← | ← |
| Operating temperature | | -40~85°C | ← | ← |
| Clock supply voltage | | 1.3~5.5V | ← | 1.1~5.5V |
| Frequency stability | | 5±23ppm(Excluding temperature characteristics) | ← | ← |
| Current consumption Vdd=3.0V | Typ. | 0.275uA | 0.20uA | 0.3uA |
| | Max. | 0.7uA | 0.42uA | 0.5uA |
| Overview | Timer function | 244.14 μs ~ 255 min | 244.14 μs ~ 7.5年 | ← |
| | Timestamp function | Day, day of the week, hour, minute | ← | ← |
| | FOUT | 1, 32, 1024, 32768Hz | 1, 1024, 32768Hz, OFF | ← |
| | Motion detection | Voltage drop | ← | Voltage drop , Fully charged , Power on reset |
| | Other | — | Timing stop ,RAM | Timing stop , Power Switching , RAM ,Logical pace |
| Terminal connection | | <p>RTC - 8564 JE</p> | <p>RX - 8571 NB</p> | <p>RX8130CE</p> |

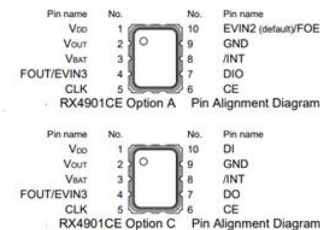
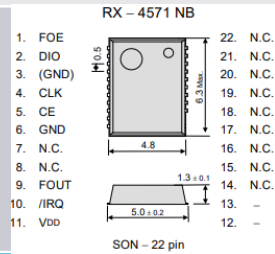
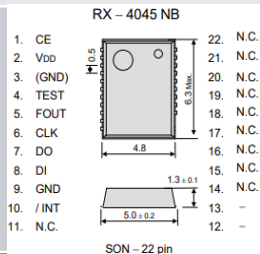
Comparison of specifications 2

| | | RX-8025NB | RX8804CE |
|---------------------------------|--------------------|--|---|
| PKG size | | NB(6.3x5.0x1.4mm) | CE(3. 2x2. 5x1. 0mm) |
| Interface Type | | I2C-Bus | ← |
| Operating temperature | | -40~85°C | -40~105°C |
| Clock supply voltage | | 1.15~5.5V | 1.5~5.5V |
| Frequency stability | | AA 5±5ppm,AC 0±5ppm(Excluding temperature characteristics) | XA:±1.9(Ta=0~+50°C)、±3.4(Ta=-40~+85°C) |
| Current consumption Vdd=3.0V | Typ. | 0.48uA | 0.3uA |
| | Max. | 1.20uA | 0.5uA |
| Overview | Timer function | — | 244.14 μs ~ 32years |
| | Timestamp function | Day, day of the week, hour, minute | ← |
| | FOUT | 32768Hz, OFF | ← |
| | Motion detection | Oscillation stop ,Voltage drop ,Power on reset | Voltage drop ,Temperature compensation stop |
| | Other | Timing stop, Logical pace | Temperature compensation ,SOUT ,Timestamp |
| Terminal connection | | | |

Comparison of specifications 3

| | | RX-4045NB | RX-4571NB | RX4901CE(Opt.A/C) |
|------------------------------|------------------|--|--|---|
| PKG size | | NB(6.3x5.0x1.4mm) | NB(6.3x5.0x1.4mm) | CE(3. 2x2. 5x1. 0mm) |
| Interface Type | | 4Wire Serial Interface | 3Wire Serial Interface | 3Wire/4Wire Serial Interface |
| Operating temperature | | -40~85°C | ← | -40~105°C |
| Clock supply voltage | | 1.15~5.5V | 1.10~5.5V | 1.1~5.5V |
| Clock supply voltage | | AA 5±5ppm,AC 0±5ppm(Excluding temperature characteristics) | 5±23ppm(Excluding temperature characteristics) | XS:±1.9(Ta=0~+50°C)、 ±3.0(Ta=-40~+85°C) |
| Current consumption Vdd=3.0V | Typ. | 0.48uA | 0.32uA | 0.24uA |
| | Max. | 1.2uA | 0.95uA | 1.5uA |
| Overview | Timer | 244.14 μs ~ 255 min | 244.14 μs ~ 4095min | 976 μs ~ 32years |
| | Timestamp | Day, day of the week, hour, minute | ← | ← |
| | FOUT | 1, 32, 1024, 32768Hz | 1, 1024, 32768Hz, OFF | ← |
| | Motion detection | Voltage drop | ← | Voltage drop ,Oscillation stop , Power on reset |
| | Other | — | Timing stop | Power Switching ,Timestamp , Temperature compensation ,etc |

Terminal connection



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