

Epson RTC Line-Up and Features

| | RX6110SA | RX8010SJ | RX8130CE | RX8900CE | RX8804CE RA8804CE | RX8111CE RX4111CE | |
|--------------------------------|---------------------|--------------------|--------------------|--|---|----------------------|------------|
| Size | 10.1x7.4x3.3mm (SA) | 7.0x6.0x2.4mm (SJ) | 3.2x2.5x1.0mm (CE) | 10.1x7.4x3.3mm (SA) 3.2x2.5x1.0mm (CE) | 3.2x2.5x1.0mm (CE) | 3.2x2.5x1.0mm (CE) | |
| Interface | I2C/SPI | I2C | I2C | I2C | I2C | I2C/SPI | |
| Frequency Tolerance | 5±23ppm / +25°C | 5±23ppm / +25°C | 5±23ppm / +25°C | UA:±3.4ppm/ -40~85°C UB:±5ppm/-40~85°C | ±1.9ppm/0~50°C ±3.4ppm/-40~85°C ±8ppm/-40~105°C | 5±11.5ppm / +25°C | |
| Power Voltage | 1.6~5.5V | 1.6~5.5V | 1.6~5.5V | 1.6~5.5V | 1.6~5.5V | 1.6~5.5V | |
| Clock Voltage | 1.1~5.5V | 1.1~5.5V | 1.1~5.5V | 1.6~5.5V | 1.5~5.5V | 1.1~5.5V | |
| Current Consumption | Typ. | 130nA / 3V | 160nA / 3V | 300nA / 3V | 700nA / 3V | 350nA / 3V | 100nA / 3V |
| | Max. | 250nA / 3V | 320nA / 3V | 500nA / 3V | 1400nA / 3V | 1500nA / 3V | 350nA / 3V |
| Alarm | ■ | ■ | ■ | ■ | ■ | ■ | |
| Timer | ■ | ■ | ■ | ■ | ■ | ■ | |
| Frequency Output | ■ | ■ | ■ | ■ Temp. Compensated | ■ Temp. Compensated | ■ | |
| Clock Calibration | ■ | - | - | - | - | ■ | |
| Event Detection | - | - | - | - | 1 EVIN | 1 EVIN | |
| Reset-Controller | - | - | ■ | - | - | - | |
| DTCXO | - | - | - | ■ | ■ | - | |
| Battery Power Switching | ■ | - | ■ | ■ | - | ■ | |

