

TABLE OF REAL TIME CLOCK MODULES

Characteristics

| Model | Package | Counter (time counting) | Access time (synchronous signal cycle) | Data bit | Address bit | Memory | Alarm | Time interval of standard pulse | Other features | | | | |
|-------------|------------|--|--|----------|-------------|---|---|--|-------------------------|----------------------------------|---|--|---|
| RTC-4513 | SOP 14-pin | Second to year, day of the week | (CLK: 300ns) | Serial | | — | — | 64 Hz, 1 min., 1 hour | | | | | |
| RTC-4543 SA | SOP 14-pin | | (CLK: 0.75µs) | | | | | 32.768 KHz, 1 Hz | | 32.768 KHz OUTPUT | | | |
| RTC-4543 SB | SOP 18-pin | | (CLK: 2µs) | | | | | 1024 Hz, 10 sec. | | High-frequency stability (±5ppm) | | | |
| RTC-4553 | SOP 14-pin | 1/100sec. to year, day of the week | (SCL: 10µs) | | | 8bit x 240 | 1/100 sec. to month | — | I ² C-bus | | | | |
| RTC-8583 | SOP 14-pin | | | | | | | — | | — | | | |
| RTC-58321 | DIP 16-pin | Second to year and day of the week | 2µs | 4 | 4 | — | — | 1024 Hz to 1 hour | I/O Connection | | | | |
| RTC-58323 | SOP 24-pin | | 120ns | | | | | 4 | 4 | — | — | 64 Hz, 1 second, 1 min., 1 hour | Intel bus |
| RTC-62421 | DIP 18-pin | | | | | | | | | | | | Intel bus: 120ns Motorola bus: 220ns |
| RTC-62423 | SOP 24-pin | | Motorola bus | | | | | | | | | | |
| RTC-72421 | DIP 18-pin | | 85ns | | | | | 8 | 4-kBytes | Sec. to hour | 64 Hz, 32 Hz, 16 Hz, 8 Hz, 4 Hz, 2 Hz, 1 Hz | Same bus interface and battery backup as S-RAM | Intel bus |
| RTC-72423 | SOP 24-pin | | | | | | | | | | | | "MOTEL bus" system |
| RTC-63421 | DIP 18-pin | Sec. to year, day of the week, and 64Hz to 1Hz | 85ns | 8 | 4-bit | Sec. to date, day of the week and 64 Hz | 64 Hz, 32 Hz, 16 Hz, 8 Hz, 4 Hz, 2 Hz, 1 Hz | Same bus interface and battery backup as S-RAM | Motorola bus | | | | |
| RTC-63421M | DIP 18-pin | | | | | | | | "MOTEL bus" system | | | | |
| RTC-63423 | SOP 24-pin | Second to year, day of the week | 325ns | 8 | 4-kBytes | Sec. to hour and Sec. to month (extended alarm) | 8192 Hz to 2 Hz | Extended alarm | Built-in battery holder | | | | |
| RTC-64611 | DIP 24-pin | | | | | | | | — | | | | |
| RTC-64613 | SOP 24-pin | — | | | | | | | | | | | |
| RTC-65271 | DIP 28-pin | — | | | | | | | | | | | |
| RTC-6593 | SOP 24-pin | — | | | | | | | | | | | |

Note: For detail specifications, refer to the individual specifications for each product.

Dimensions

(Unit: mm)

