

# 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 <sup>2</sup> 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-62421	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-63421M	DIP 18-pin												"MOTEL bus" system
RTC-63423	SOP 24-pin	Sec. to year, day of the week, and 64Hz to 1Hz	85ns	8	4-kBytes	Sec. to hour 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					
RTC-64611	DIP 24-pin	Second to year, day of the week	325ns	6	114-Bytes	Sec. to hour and Sec. to month (extended alarm)	8192 Hz to 2 Hz	Extended alarm					
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)

