

Main Specifications

Name of series	RA8900 series		RX8900 series	
Model number	RA8900SA	RA8900CE	RX8900SA	RX8900CE
Temperature-compensated voltage range	2.0 V to 5.5 V			
Clock supply voltage range	1.6 V to 5.5 V			
Current consumption	0.70 μ A, typ., when operating at 3.0 V 1.40 μ A, max., when operating at 3.0 V			
Frequency stability	UA: $\pm 3.4 \times 10^{-6}$ / -40°C to +85°C (equivalent to deviation of 9 sec./month) UB: $\pm 5.0 \times 10^{-6}$ / -40°C to +85°C (equivalent to deviation of 13 sec./month) UC: $\pm 5.0 \times 10^{-6}$ / -30°C to +70°C (equivalent to deviation of 13 sec./month)			
Interface	I ² C Interface			
Basic functions	Clock, calendar, alarms, timer, frequency output, temperature sensor, built-in power supply switching, etc.			
Automotive standard conformance	AEC-Q200		-	
External dimensions (mm)	10.1 × 7.4 × 3.3t (max.)	3.2 × 2.5 × 1.0t (max.)	10.1 × 7.4 × 3.3t (max.)	3.2 × 2.5 × 1.0t (max.)