

## S1C60 Family Products overview

Products	Display	Clock frequency		Supply current				Supply voltage [V]	Memory		I/O			Timer				SIO		Comparator	R/F converter	SVD *1	Interrupts		Form of delivery										
	LCD Driver segxcom	High-speed [Hz] (Max.)	Low-speed [Hz] (Max.)	Sleep [μA] (Typ.)	Halt [μA] (Typ.)	32kHz Operating [μA] (Typ.)	In high-speed oscillation [μA] (Typ.)		ROM [x12-bit]	RAM [x4-bit]	Input port	Output port	I/O port	Event	Stopwatch	Watchdog timer	Clock	Asynchronous	Clock synchronous				External	Internal	Package	Chip									
S1C60 series	The microcontroller of this series integrates ROM, RAM, LCD driver, and various timer functions. It is suitable for applications to small sized equipment such as clocks, timers and thermometers.																																		
S1C60N05	20 X 2/3/4	–	32.768k	–	0.8	1.5	–	1.8 to 3.5	1,536	80	4	4	4	–	–	–	○	–	–	–	2	–	1	2	QFP13-64	○									
S1C60L05		–	32.768k	–	0.8	1.5	–	1.2 to 2.0						–	–	–	○	–	–	–	○	–	–	–	–	–	–	–	–	–	–	–			
S1C60N08	48 X 2/3/4	–	32.768k	–	1.0	2.2	–	1.8 to 3.5	4,096	832	9	8	8	2	○	○	○	–	1	○	–	○	3	3	QFP15-100	○									
S1C60L08		–	32.768k	–	1.0	2.2	–	0.9 to 1.7										–	1	○	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S1C60A08		500k	32.768k	–	1.1	3.0	50(500k)	2.2 to 3.5										–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S1C60N16	38 X 2/3/4	–	32.768k	–	0.7	1.4	–	2.2 to 3.6	4,096	256	5	8	8	2	○	○	○	–	1	○	–	○	2	3	QFP14-80	○									
S1C60L16		–	32.768k	–	0.7	1.4	–	1.2 to 1.8										–	1	○	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
S1C60A16		1M	32.768k	–	1.5	2.4	50(1M)	2.2 to 3.6										–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

\*1: SVD is an abbreviation for Supply Voltage Detector.