

## EPSON 4-bit MCU S1C6S37 SPEC

Model	S1C6S3N7	S1C6S3L7	S1C6S3B7
Supply Voltage	3.0V	1.5V	3.0V
Supply Voltage Range	1.8~3.6V	0.9~2.0V	0.9~3.6V
Oscillation Circuit	Crystal or CR	Crystal or CR	Crystal or CR
Instruction set	100 instructions		
ROM capacity	1,024 words x12 bits		
Data RAM capacity	80 words x 4bits		
Input port	4 bits (Supplementary pull-down resistors may be used)		
Output port	4 bits (Piezo buzzer and programmable frequency output can be driven directly by mask option)		
I/O port	4 bits		
LCD driver	26 segments x 4, 3 or 2 common duty		
Timer	2 systems: clock timer / stopwatch timer		
SVD	1.2V / 2.4V		
Interrupt	1 / 2 (External / Internal) systems		
Supply Voltage	3.0V (1.8~3.6V)	1.5V (0.9~2.0V)	3.0V (0.9~3.6V)
Current consumption (Typical)	1.0 $\mu$ A (Crystal oscillation CLK= 32.768 kHz, when halted) 2.5 $\mu$ A (Crystal oscillation CLK= 32.768 kHz, when executing)		
Supply form	QFP6-60pin (plastic) or chip (dice)		