

### Main Features of the Silicon Lab Microcontrollers in the 28QFN Package

Part Number	MIPS (peak)	Flash Memory (bytes)	RAM (bytes)	Digital Port I/O Pins	Serial Buses	Timers (16-bit)	PCA Chnls	Internal Osc	ADC	DAC	Temp Sensor	VREF	Other Features
C8051F311	25	16 KB	1280	25	UART, SMBus, SPI	4	5	±2%	10-bit, 17ch., 200ksps	-	Y	-	2 Comparators
C8051F313	25	8 KB	1280	25	UART, SMBus, SPI	4	5	±2%	10-bit, 17ch., 200ksps	-	Y	-	2 Comparators
C8051F315	25	8 KB	1280	25	UART, SMBus, SPI	4	5	±2%	-	-	Y	-	2 Comparators
C8051F321	25	16 KB	2304	21	USB 2.0, UART, SMBus, SPI	4	5	±1.5%	10-bit, 13ch., 200ksps	-	Y	Y	2 Comparators
C8051F326	25	16 KB	1536	15	USB 2.0, UART	2	-	±1.5%	-	-	-	-	Separate I/O Supply Pin
C8051F327	25	16 KB	1536	15	USB 2.0, UART	2	-	±1.5%	-	-	-	-	Fixed I/O Supply Pin
C8051F351	50	8 KB	768	17	UART, SMBus, SPI	4	3	±2%	24-bit, 8ch., 1ksps	8-bit, 2ch.	Y	-	1 Comparator
C8051F353	50	8 KB	768	17	UART, SMBus, SPI	4	3	±2%	16-bit, 8ch., 1ksps	8-bit, 2ch.	Y	-	1 Comparator
C8051F411	50	32 KB	2304	20	UART, SMBus, SPI	4	6	±2%	12-bit, 20ch., 200ksps	12-bit, 2ch.	Y	Y	2 Comparators Volt Reg, RTC
C8051F413	50	16 KB	1280	20	UART, SMBus, SPI	4	6	±2%	12-bit, 20ch., 200ksps	12-bit, 2ch.	Y	Y	2 Comparators Volt Reg, RTC

This information was copied from the SiLabs MCU Selector Guide that is available at: [www.silabs.com](http://www.silabs.com)