Part Number	Status	Timers	Frequency (MHz)	ADC	Other Integrated Peripherals	End Equipment Optimized	Interface	RAM	GPIO	Flash	Temp Sensor	Brown Out Reset	Pin/Package	Approx. Price (US$)	Description
MSP430BT5190	PREVIEW												100LQFP, 113BGA MICROSTAR JUNIOR		MSP430BT5190 Mixed Signal Microcontroller
MSP430F5418	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	18	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	16 KB	67	128 KB	Yes	Yes	80LQFP	3.30 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 16KB RAM, 12 Bit ADC, 2 USCIs, 32-bit HW Multi
MSP430F5418A	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	25	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	16 KB		128 KB	Yes	Yes	80LQFP	3.30 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 16KB RAM, 12 Bit ADC, 2 USCIs, 32-bit HW Multi
MSP430F5419	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	18	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI_A (UART/LIN/IrDA/SPI) , 4 USCI_B (I2C/SPI)	16 KB	87	128 KB	Yes	Yes	100LQFP	3.65 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 16KB RAM, 12 Bit ADC, 4 USCIs, 32-bit HW Multi
MSP430F5419A	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	25	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI_A (UART/LIN/IrDA/SPI) , 4 USCI_B (I2C/SPI)	16 KB	87	128 KB	Yes	Yes	100LQFP, 113BGA MICROSTAR JUNIOR	3.65 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 16KB RAM, 12 Bit ADC, 4 USCIs, 32-bit HW Multi
MSP430F5435	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	18	12-bit SAR	16ch ADC12 , 2 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	16 KB	67	192 KB	Yes	Yes	80LQFP	3.90 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 192KB Flash, 16KB RAM, 12 Bit ADC, 2 USCIs, 32-bit HW Multi
MSP430F5435A	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	25	12-bit SAR	16ch ADC12 , 2 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	16 KB	67	192 KB	Yes	Yes	80LQFP	3.90 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 256KB Flash, 16KB RAM, 12 Bit ADC, 2 USCIs, 32-bit HW Multi
MSP430F5436	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	18	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI (UART/IrDA/SPI/I2C)4 USCI_A (UART/LIN/IrDA/SPI) , 4 USCI_B (I2C/SPI)	16 KB	87	192 KB	Yes	Yes	100LQFP	4.30 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 192KB Flash, 16KB RAM, 12 Bit ADC, 4 USCIs, 32-bit HW Multi
MSP430F5436A	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	25	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI_A (UART/LIN/IrDA/SPI) , 4 USCI_B (I2C/SPI)	16 KB	87	192 KB	Yes	Yes	100LQFP, 113BGA MICROSTAR JUNIOR	4.30 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 256KB Flash, 16KB RAM, 12 Bit ADC, 4 USCIs, 32-bit HW Multi
MSP430F5437	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	18	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI_A (UART/LIN/IrDA/SPI),4 USCI_B (I2C/SPI)	16 KB	67	256 KB	Yes	Yes	80LQFP	4.40 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 256KB Flash, 16KB RAM, 12 Bit ADC, 2 USCIs, 32-bit HW Multi
MSP430F5437A	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	25	12-bit SAR	16ch ADC12 , 2 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	16 KB	67	256 KB	Yes	Yes	80LQFP	4.40 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 256KB Flash, 16KB RAM, 12 Bit ADC, 2 USCIs, 32-bit HW Multi
MSP430F5438	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	18	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI_A (UART/LIN/IrDA/SPI) , 4 USCI_B (I2C/SPI)	16 KB	87	256 KB	Yes	Yes	100LQFP	4.85 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 256KB Flash, 16KB RAM, 12 Bit ADC, 4 USCIs, 32-bit HW Multi
MSP430F5438A	ACTIVE	1 16-bit (3CCR) , 1 16-bit (5CCR) , 1 16-bit (7CCR) 1 Watchdog , RTC	25	12-bit SAR	16ch ADC12 , 4 USCI Modules , DMA , Hardware Multiplier , RTC , Universal Clock System	ZigBee/RF	4 USCI_A (UART/LIN/IrDA/SPI) , 4 USCI_B (I2C/SPI)	16 KB	87	256 KB	Yes	Yes	0DIESALE, 0WAFERSALE, 100LQFP, 113BGA MICROSTAR JUNIOR	4.85 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 256KB Flash, 16KB RAM, 12 Bit ADC, 4 USCIs, 32-bit HW Multi
MSP430F5500	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		1 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	8 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5501	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		1 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	16 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5502	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		1 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	24 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5503	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		1 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	32 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5504	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	10-bit SAR	1 USCI Modules , DMA , Hardware Multiplier , RTC , Temp Sensor , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	8 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5505	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	10-bit SAR	1 USCI Modules , DMA , Hardware Multiplier , RTC , Temp Sensor , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	16 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5506	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	10-bit SAR	1 USCI Modules , DMA , Hardware Multiplier , RTC , Temp Sensor , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	31	24 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5507	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	10-bit SAR	1 USCI Modules , DMA , Hardware Multiplier , RTC , Temp Sensor , Universal Clock System , USB		1 USCI_A (UART/LIN/IrDA/SPI) , 1 USCI_B (I2C/SPI)	4+2 KB	47	32 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5508	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	10-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Temp Sensor , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	47	16 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5509	PREVIEW	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	10-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Temp Sensor , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	47	24 KB			48VQFN		Mixed Signal Microcontroller
MSP430F5510	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System, Temp Sensor		4 USCI (UART/LIN/IrDA/SPI/I2C)	4+2 KB	47	32 KB			48VQFN, 64VQFN	1.90 | 1ku	Mixed Signal Microcontroller
MSP430F5513	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	47	32 KB			64VQFN, 80BGA MICROSTAR JUNIOR	3.25 | 1ku	MSP430F551x, MSP430F552x Mixed Signal Microcontroller
MSP430F5514	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	47	64 KB	Yes	Yes	64VQFN, 80BGA MICROSTAR JUNIOR	3.55 | 1ku	16-Bit Ultra-Low-Power Microcontroller, USB, 64KB Flash, 4KB RAM, 2 USCIs, 32Bit HW MPY
MSP430F5515	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	63	64 KB	Yes	Yes	80LQFP	3.35 | 1ku	16-Bit Ultra-Low-Power Microcontroller, USB, 64KB Flash, 4KB RAM, 2 USCIs, 32Bit HW MPY
MSP430F5517	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	6+2 KB	63	96 KB			80LQFP	3.75 | 1ku	MSP430F551x, MSP430F552x Mixed Signal Microcontroller
MSP430F5519	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25		2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	8+2 KB	63	128 KB			80LQFP	3.90 | 1ku	MSP430F551x, MSP430F552x Mixed Signal Microcontroller
MSP430F5521	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	6+2 KB	63	32 KB			80LQFP	3.35 | 1ku	MSP430F551x, MSP430F552x Mixed Signal Microcontroller
MSP430F5522	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	8+2 KB	47	32 KB			64VQFN, 80BGA MICROSTAR JUNIOR	3.40 | 1ku	MSP430F551x, MSP430F552x Mixed Signal Microcontroller
MSP430F5524	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	47	64 KB	Yes	Yes	64VQFN, 80BGA MICROSTAR JUNIOR	3.55 | 1ku	16-Bit Ultra-Low-Power Microcontroller, USB, 64KB Flash, 4KB RAM, 12Bit ADC, 2 USCIs, 32Bit HW MPY
MSP430F5525	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	4+2 KB	63	64 KB	Yes	Yes	80LQFP	3.70 | 1ku	16-Bit Ultra-Low-Power Microcontroller, USB, 64KB Flash, 4KB RAM, 12Bit ADC, 2 USCIs, 32Bit HW MPY
MSP430F5526	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	6+2 KB	47	96 KB	Yes	Yes	64VQFN, 80BGA MICROSTAR JUNIOR	3.80 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 96KB Flash, 6KB RAM, USB, 12Bit ADC, 2 USCIs, 32Bit HW MPY
MSP430F5527	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	6+2 KB	63	96 KB	Yes	Yes	80LQFP	3.90 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 96KB Flash, 6KB RAM, USB, 12Bit ADC, 2 USCIs, 32Bit HW MPY
MSP430F5528	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	8+2 KB	47	128 KB	Yes	Yes	64VQFN, 80BGA MICROSTAR JUNIOR	3.95 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 8KB RAM, USB, 12Bit ADC, 2 USCIs, 32Bit HW MPY
MSP430F5529	ACTIVE	1 16-bit (5CCR) , 1 16-bit (7CCR) , 1 Watchdog , 2 16-bit (3CCR) , RTC	25	12-bit SAR	2 USCI Modules , Comparator , DMA , Hardware Multiplier , RTC , Universal Clock System , USB		2 USCI_A (UART/LIN/IrDA/SPI) , 2 USCI_B (I2C/SPI)	8+2 KB	63	128 KB	Yes	Yes	0DIESALE, 80LQFP	4.00 | 1ku	16-Bit Ultra-Low-Power Microcontroller, 128KB Flash, 8KB RAM, USB, 12Bit ADC, 2 USCIs, 32Bit HW MPY
MSP430F5630	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	128 KB					MSP430F563x Mixed Signal Microcontroller

MSP430F5631	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	192 KB					MSP430F563x Mixed Signal Microcontroller
MSP430F5632	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	256 KB					MSP430F563x Mixed Signal Microcontroller
MSP430F5633	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	128 KB					MSP430F563x Mixed Signal Microcontroller
MSP430F5634	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	192					MSP430F563x Mixed Signal Microcontroller
MSP430F5635	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	256 KB					MSP430F563x Mixed Signal Microcontroller
MSP430F5636	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	128					MSP430F563x Mixed Signal Microcontroller
MSP430F5637	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	192					MSP430F563x Mixed Signal Microcontroller
MSP430F6630	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog, RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	128 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6631	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	192 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6632	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	256 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6633	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	128 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6634	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	192 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6635	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	256 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6636	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	128 KB					MSP430F663x Mixed Signal Microcontroller
MSP430F6637	PREVIEW	2 16-bit (3CCR),1 16-bit (5CCR),1 16-bit (7CCR),1 Watchdog,RTC	20	12-bit SAR	USB,2 USCI Modules,DMA,Hardware Multiplier,RTC,Comparator,Universal Clock System		2 USCI_A (UART/LIN/IrDA/SPI),2 USCI_B (I2C/SPI)	16+2 KB	74	192 KB					MSP430F663x Mixed Signal Microcontroller