parametric-data-2

TI.com inventory: 500 to 1040026													
Non-volatile memory (kB): 0 to 32													
RAM: 0.5 to 2													
GPIO pins: 44 to 90													
Approx. price: 0.276 to 2.105													
Pin count: 56 to 128													
Part number	Description	Or	NV (kB)	RAM (KB)	Pin count	Features	TI.com inv	Frequency (MHz)	GPIO pins (#)	UART	Number of I2Cs	Approx. price (CHF)	Package Group
MSP430F415	8 MHz MCU with 16KB Flash, 512B SRAM, timer, comparator, 96 seg LCD	Or	16	0.5	64	LCD	144,794	8	48	0	0	CHF 1.653 | 1ku	LQFP|64, VQFN|64
MSP430F4132	8 MHz MCU with 8KB Flash, 512B SRAM, 10-bit ADC, I2C/SPI/UART, comparator, 144 seg LCD	Or	8	0.5	48, 64	LCD, Real-time clock	123,500	8	56	1	1	CHF 1.516 | 1ku	LQFP|64, VQFN|48
MSP430F4152	8 MHz MCU with 16KB Flash, 512B SRAM, 10-bit ADC, I2C/SPI/UART, comparator, 144 seg LCD	Or	16	0.5	48, 64	LCD, Real-time clock	57,830	8	56	1	1	CHF 1.824 | 1ku	LQFP|64, VQFN|48
MSP430FR6870	16 MHz MCU with 32KB FRAM, 2KB SRAM, 112 seg LCD, 12-bit ADC , comparator, DMA, UART/SPI/I2C, timer	Or	32	2	64	AES, DMA, LCD, Real-time clock	12,000	16	51	2	2	CHF 1.539 | 1ku	LQFP|64, VQFN|64
MSP430FR2032	16 MHz MCU with 8KB FRAM, 1KB SRAM, 10-bit ADC, UART/SPI/I2C, IR logic, timer	Or	8	1	48, 56, 64	IR Modulation Logic, Real-time clock	4,870	16	60	1	1	CHF 0.638 | 1ku	LQFP|64, TSSOP|48, TSSOP|48, TSSOP|56
MSP430FR4131	16 MHz MCU with 4KB FRAM, 0.5KB SRAM, 10-bit ADC, LCD, UART/SPI/I2C, IR logic, timer	Or	4	0.5	48, 56, 64	IR Modulation Logic, LCD, Real-time clock	3,260	16	60	1	1	CHF 0.513 | 1ku	LQFP|64, TSSOP|48, TSSOP|48, TSSOP|56
MSP430FR4132	16 MHz MCU with 8KB FRAM, 1KB SRAM, 10-bit ADC, LCD, UART/SPI/I2C, IR logic, timer	Or	8	1	48, 56, 64	IR Modulation Logic, LCD, Real-time clock	3,000	16	60	1	1	CHF 0.713 | 1ku	LQFP|64, TSSOP|48, TSSOP|48, TSSOP|56
MSP430FR5970	16 MHz MCU with 32KB FRAM, 2KB SRAM, AES, 12-bit ADC , comparator, DMA, UART/SPI/I2C, timer	Or	32	2	64, 64	AES, DMA, Real-time clock	2,500	16	51	2	2	CHF 1.505 | 1ku	LQFP|64, VQFN|64
MSP430FR4133	16 MHz MCU with 16KB FRAM, 2KB SRAM, 10-bit ADC, LCD, UART/SPI/I2C, IR logic, timer	Or	16	2	48, 56, 64	IR Modulation Logic, LCD, Real-time clock	515	16	60	1	1	CHF 0.923 | 1ku	LQFP|64, TSSOP|48, TSSOP|48, TSSOP|56