

TEXAS INSTRUMENTS MSP430 MCUs and DSCs



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CC430 RF SoC SERIES DEVELOPMENT TOOLS & ACCESSORIES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-EM430F5137RF900	EM430F5137RF900	Wireless development tool for the CC430 that includes all the hardware required to develop an entire wireless project. Includes two sub-1GHz wireless target boards (including antennas) featuring the CC430F5137IRGZ RF System-on-chip.	169.68
595-EM430F6137RF900	EM430F6137RF900	Wireless development tool for the CC430 that includes all the hardware required to develop an entire wireless project. Includes two sub-1GHz wireless target boards (including antennas) featuring the CC430F6137IRGC RF System-on-chip.	169.68

CC430 RF SoC SERIES FLASH MICROCONTROLLERS

The Texas Instruments CC430 family of ultra-low-power microcontroller system-on-chip with integrated RF transceiver cores consists of several devices featuring different sets of peripherals targeted for a wide range of applications. The architecture, combined with five low-power modes, is optimized to achieve extended battery life in portable measurement applications. The device features the powerful MSP430™ 16-bit RISC CPU, 16-bit registers, and constant generators that contribute to maximum code efficiency.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Freq (MHz)	Flash (KB)	RAM (B)	GPIO	ADC	LCD Seg	Timers	Price Each		
										1	25	100
595-CC430F5135IRGZT	CC430F5135IRGZT	QFN-48	20	16	2K	30	12-bit SAR	96	1 16-bit (3CCR), 1 16-bit (5CCR), 1 WDT, RTC	10.62	8.71	7.86
595-CC430F6137IRGC	CC430F6137IRGC	VQFN-64	20	32	4K	44	12-bit SAR	96	1 16-bit (3CCR), 1 16-bit (5CCR), 1 WDT, RTC	11.77	9.78	8.99

MSP430FR5xxx DEVELOPMENT TOOLS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-MSP-EXP430FR5739	MSP-EXP430FR5739	Experimenter Board for the MSP430FR57xx Series MCUs Integrated with Ferroelectric Random Access Memory (FRAM)	30.96
595-MSP-TS430RHA40A	MSP-TS430RHA40A	Target Board for the MSP430FR5xxx (QFN-40) MCUs Integrated with Ferroelectric Random Access Memory (FRAM)	113.35
595-MSP-FET430U40A	MSP-FET430U40A	Flash Emulation Tool for the MSP430FR5xxx MCUs Integrated with Ferroelectric Random Access Memory (FRAM)	170.53

C2000 DEVELOPMENT TOOLS & ACCESSORIES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
760-701902	701902	C2000 XDS510C JTAG Emulator	280.13
716-BH-USB-2000	BH-USB-2000	Blackhawk USB JTAG Emulator	298.73
595-TMDSADP1414-ISO	TMDSADP1414-ISO	14-pin TI JTAG Isolation Adapter	292.16
595-TMDSADP1420	TMDSADP1420	Adaptive Clocking JTAG Emulator Adapters	174.83
595-TMDSALL-1	TMDSALL-1	Code Composer Studio IDE bundled with Annual Subscription	3595.00
595-TMDSNCD2808	TMDSNCD2808	TMS320F2808 controlCARD	69.23
595-TMDSNCD28335	TMDSNCD28335	TMS320F28335 controlCARD	80.96
595-TMDSDCDC2KIT	TMDSDCDC2KIT	C2000 Digital Power Experimenter Kit	268.70
595-TMDSDCDCLEDKIT	TMDSDCDCLEDKIT	C2000 LED DC/DC Developer Kit	444.70
595-TMDSDOCK2808	TMDSDOCK2808	TMS320F2808 Experimenter Kit	104.43
595-TMDSDOCK28335	TMDSDOCK28335	TMS320F28335 Experimenter Kit	116.16
595-TMDSNRGYKIT	TMDSNRGYKIT	C2000 Renewable Energy Developer's Kit	409.50
595-TMDSSEZD2812	TMDSSEZD2812	Evaluation module for the TMS320F2812	463.47
595-TMDSHVLFPFCKIT	TMDSHVLFPFCKIT	High voltage PFC Developer's Kit which uses a Piccolo microcontroller to control a 300W high efficiency bridgeless PFC stage	528.00
595-TMDSHVFPCKIT	TMDSHVFPCKIT	High voltage PFC Developer's Kit which uses a Piccolo microcontroller to control a 300W 2-phase, interleaved, PFC stage	273.90
595-TMDSHVSPFBKIT	TMDSHVSPFBKIT	HV phase shifted full bridge Developer's Kit designed to digitally control a phase shifted full bridge topology DC/DC converter	645.33
595-TMDSPREX28335	TMDSPREX28335	C2000 Peripheral Explorer Kit	210.03
595-TMDSRESDDCKIT	TMDSRESDDCKIT	C2000 Resonant DC/DC Developer's Kit	268.70
595-TMDSRGBLEDKIT	TMDSRGBLEDKIT	Multi-DC/DC Color Kit uses a Piccolo micro & the controlCARD to create a digitally controlled multi-DC/DC LED lighting system	548.90

F24X 16-BIT SERIES MICROCONTROLLERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Peak MACS	Freq (MHz)	RAM (KB)	Flash (KB)	EMIF	PWM	CAP/QEP	ADC	UART	Timers	Price Each			
													1	25	100	250
595-TMS320F243PGEA	TMS320F243PGEA	LQFP-144	20	20	1	16	1 16-Bit	8-Ch	3/2	8-Ch 10-Bit	1 SCI	1 WD, 2 16-Bit GP	24.87	21.14	19.58	18.03
595-TMS320LF2401AVFA	TMS320LF2401AVFA	LQFP-32	40	40	2	16	-	8-Ch	1/0	5-Ch 10-Bit	1 SCI	1 WD, 2 16-Bit GP	8.64	7.09	6.40	5.88
595-TMS320LF2403APAG	TMS320LF2403APAGS	TQFP-64	40	40	2	32	-	8-Ch	3/2	8-Ch 10-Bit	1 SCI	1 WD, 2 16-Bit GP	19.78	16.64	15.29	13.94
595-TMS320LF2406APZA	TMS320LF2406APZA	LQFP-100	40	40	5	64	-	16-Ch	6/4	16-Ch 10-Bit	1 SCI	1 WD, 4 16-Bit GP	18.15	15.26	14.03	12.79
595-TMS320LF2406APZS	TMS320LF2406APZS	LQFP-100	40	40	5	64	-	16-Ch	6/4	16-Ch 10-Bit	1 SCI	1 WD, 4 16-Bit GP	20.00	16.82	15.46	14.09
595-TMS320L2407APGEA	TMS320L2407APGEA	LQFP-144	40	40	5	64	1 16-Bit	16-Ch	6/4	16-Ch 10-Bit	1 SCI	1 WD, 4 16-Bit GP	19.24	16.18	14.87	13.55

F28X FIXED-POINT SERIES MICROCONTROLLERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Peak MMACS	Freq (MHz)	RAM (KB)	OTP ROM (KB)	Flash (KB)	PWM	CAP/QEP	ADC	I2C	UART	Timers	Price Each			
														1	25	100	250
595-TMS320F28015PZA	TMS320F28015PZA	LQFP-100	60	60	12	2	32	8-Ch	2/0	1 16-Ch 12-Bit	1	1 SCI	1 WD, 3 32-Bit GP	8.03	6.58	5.94	5.46
595-TMS320F28016PZA	TMS320F28016PZA	LQFP-100	60	60	12	2	32	8-Ch	2/0	1 16-Ch 12-Bit	1	1 SCI	1 WD, 3 32-Bit GP	8.64	7.09	6.40	5.88
595-TMS320F2806PZS	TMS320F2806PZS	LQFP-100	100	100	20	2	64	16-Ch	4/2	1 16-Ch 12-Bit	1	2 SCI	1 WD, 3 32-Bit GP	20.87	17.55	16.13	14.70
595-TMS320F28044PZA	TMS320F28044PZA	LQFP-100	100	100	20	2	128	16-Ch	-/1	1 16-Ch 12-Bit	1	1 SCI	1 WD, 3 32-Bit GP	21.63	18.19	16.72	15.24
595-TMS320F2808PZA	TMS320F2808PZA	LQFP-100	100	100	36	2	128	16-Ch	4/2	1 16-Ch 12-Bit	1	2 SCI	1 WD, 3 32-Bit GP	22.93	19.49	18.05	16.62
595-TMS320F2808PZS	TMS320F2808PZS	LQFP-100	100	100	36	2	128	16-Ch	4/2	1 16-Ch 12-Bit	1	2 SCI	1 WD, 3 32-Bit GP	25.30	21.50	19.92	18.34
595-TMS320F2809PZA	TMS320F2809PZA	LQFP-100	100	100	36	2	256	16-Ch	4/2	1 16-Ch 12-Bit	1	2 SCI	1 WD, 3 32-Bit GP	25.60	21.76	20.16	18.56
595-TMS320F2810PBKA	TMS320F2810PBKA	LQFP-128	150	150	36	2	128	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	27.38	23.27	21.56	19.85
595-TMS320F2811PBKA	TMS320F2811PBKA	LQFP-128	150	150	36	2	256	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	29.16	24.78	22.96	21.14
595-TMS320F2812PGFA	TMS320F2812PGFA	LQFP-176	150	150	36	2	256	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	31.13	26.46	24.52	22.57
595-TMS320F2812PGFQ	TMS320F2812PGFQ	LQFP-176	150	150	36	2	256	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	36.57	31.63	29.65	27.67
595-TMS320F2812PGFS	TMS320F2812PGFS	LQFP-176	150	150	36	2	256	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	34.30	29.15	27.01	24.86

SITARA™ ARM CORTEX-A8 & ARM9 MICROCONTROLLERS

The Sitara™ ARM® MPU Product Platform – High performance, ARM-based microprocessors include more than 70 ARM Cortex™-A8 and ARM9® options. With speeds ranging from 375 MHz to 1.5 GHz which enables you to find the processor you need for your end application and a roadmap to meet additional performance and power requirements. In addition, Sitara ARM microprocessors offer a software-compatible roadmap if you are using existing Sitara solutions.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	RISC Freq. (MHz)	On-Chip SRAM		ROM (KB)	EDMA	EMAC	McBSP	UART	USB	EMIF	Timers	Price Each	
				(KB) L1	(KB) L2									1	25
595-AM1808BZWT3	AM1808BZWT3	NFBGA-361	376, 456	32	128	64	2 32-Ch	-----	2	3 SCI	1	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	10.06	9.52
595-AM1808BZCE3	AM1808BZCE3	NFBGA-361	376, 456	32	128	64	2 32-Ch	10/100	2	3 SCI	2	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	11.75	11.12
595-AM1808BZCE4	AM1808BZCE4	NFBGA-361	376, 456	32	128	64	2 32-Ch	10/100	2	3 SCI	2	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	12.60	11.92
595-AM1808BZCED4	AM1808BZCED4	NFBGA-361	376, 456	32	128	64	2 32-Ch	10/100	2	3 SCI	2	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	14.37	13.60
595-AM1808BZWT3	AM1808BZWT3	NFBGA-361	376, 456	32	128	64	2 32-Ch	10/100	2	3 SCI	2	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	11.75	11.12
595-AM1808BZWT4	AM1808BZWT4	NFBGA-361	376, 456	32	128	64	2 32-Ch	10/100	2	3 SCI	2	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	12.60	11.92
595-AM1808BZWT43	AM1808BZWT43	NFBGA-361	376, 456	32	128	64	2 32-Ch	10/100	2	3 SCI	2	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	14.12	13.36