

TEXAS INSTRUMENTS MSP430 MCUs and DSCs



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MCU / MPU / DSP

Texas Instruments

CC430 RF SoC SERIES DEVELOPMENT TOOLS AND 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.	159.07
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.	152.00
595-CC-6LOWPAN-DK868	CC-6LOWPAN-DK-868	The CC-6LOWPAN-DK-868 is a complete development kit for a sub-1 GHz 6LoWPAN system. The kit offers a flexible development platform for Sensinode's NanoStack running on the CC430 and CC1180 devices.	917.01

CC430 RF SoC SERIES FLASH MICROCONTROLLERS

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	6.50	5.33	4.81
595-CC430F6137IRGC	CC430F6137IRGC	VQFN-64	20	32	4K	44	12-bit SAR	96	1 16-bit (3CCR), 1 16-bit (5CCR), 1 WDT, RTC	7.75	6.54	5.73

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 MSP430FR5xxx Series MCUs Integrated with Ferroelectric Random Access Memory (FRAM)	29.60
595-MSP-TS430RHA40A	MSP-TS430RHA40A	Target Board for the MSP430FR5xxx (QFN-40) MCUs Integrated with Ferroelectric Random Access Memory (FRAM)	101.00
595-MSP-FET430U40A	MSP-FET430U40A	Flash Emulation Tool for the MSP430FR5xxx MCUs Integrated with Ferroelectric Random Access Memory (FRAM)	152.00

C2000 DEVELOPMENT TOOLS AND ACCESSORIES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
760-701902	BH-USB-2000	C2000 XDS510LC JTAG Emulator	280.13
716-BH-USB-2000	BOOSTXL-C2KLED	Blackhawk USB JTAG Emulator	298.99
595-BOOSTXL-C2KLED	LAUNCHXL-F28027	C2000 LED BoosterPack 3 Boost Converters to Drive 3 LED Strings	35.20
595-LAUNCHXL-F28027	TMSADP1414-ISO	TMS320F28027 C2000 Piccolo LaunchPad	19.94
595-TMSADP1414-ISO	TMDSNCND2808	14-pin TI JTAG Isolation Adapter	289.41
595-TMDSNCND2808	TMDSNCND28335	TMS320F2808 controlCARD	61.27
595-TMDSNCND28335	TMDSNCND28027	TMS320F28335 controlCARD	71.65
595-TMDSDCDLEDKIT	TMDSNCND28027	C2000 LED DC/DC Developer Kit	416.90
595-TMDSNCND28027	TMDSDIM100CON5PK	C2000 Piccolo Control Card, RS-232, 100-pin DIMM	56.96
595-TMDSDIM100CON5PK	TMSDIACLEDCKOMKIT	TMDSDIM100 controlCARD	7.93
595-TMSDIACLEDCKOMKIT	TMDSOLARPEXPKIT	C2000 MCU Developer Kit	725.84
595-TMDSOLARPEXPKIT	TMDSOLARCEXPKIT	C2000 Solar Inverter Development Kit	431.54
595-TMDSOLARCEXPKIT	TMDSHVMPPTKIT	C2000 Low Voltage Solar Inverter Development Kit	505.78
595-TMDSHVMPPTKIT	TMDSHV1PHINVKIT	C2000 High Voltage Solar Inverter Development Kit	585.64
595-TMDSHV1PHINVKIT	TMSDOCK2808	C2000 High Voltage Solar Inverter Development Kit	479.16
595-TMSDOCK2808	TMSDOCK28335	TMS320F2808 Experimenter Kit	92.42
595-TMSDOCK28335	TMDSEZD2812	TMS320F28335 Experimenter Kit	102.80
595-TMDSEZD2812	TMDSHVBLPFCCKIT	Evaluation module for the TMS320F2812	410.17
595-TMDSHVBLPFCCKIT	TMDSHVFPCKIT	High voltage PFC Developer's Kit which uses a Piccolo microcontroller to control a 300W high efficiency bridgeless PFC stage	467.28
595-TMDSHVFPCKIT	TMDSHVPSFBKIT	High voltage PFC Developer's Kit which uses a Piccolo microcontroller to control a 300W 2-phase, interleaved, PFC stage	258.56
595-TMDSHVPSFBKIT	TMDSPREX28335	HV phase shifted full bridge Developer's Kit designed to digitally control a phase shifted full bridge topology DC/DC converter	571.12
595-TMDSPREX28335	TMDSPLCMODA-P3X	C2000 Peripheral Explorer Kit	185.87
595-TMDSPLCMODA-P3X	TMSDRGBLEDKIT	C2000 MCU Developer Kit	223.26
595-TMSDRGBLEDKIT		Mult-DC/DC Color Kit uses a Piccolo micro & the controlCARD to create a digitally controlled multi-DC/DC LED lighting system	518.16

F24X 16-BIT SERIES MICROCONTROLLERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Peak MMACS	Freq (MHz)	RAM (KB)	Flash (KB)	EMIF	PWM	CAP/QEP	ADC	UART	Timers	Price Each			
													1	25	100	250
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	15.38	14.56	12.74	11.65
595-TMS320LF2407APGEA	TMS320LF2407APGEA	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	19.47	16.37	15.04	13.71

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	6.18	5.76	4.51	4.42
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	7.60	7.09	6.40	5.88
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	19.36	17.40	15.41	14.83
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	22.52	21.76	17.08	16.74
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	31.50	26.77	24.80	22.83
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	37.00	32.00	25.14	24.63
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	30.53	29.49	21.81	21.37

SITARA™ ARM CORTEX-A8 AND 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 375MHz to 1.5GHz 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 applications.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	RISC Freq. (MHz)	On-Chip SRAM (KB)		ROM (KB)	EDMA	EMAC	McBSP	UART	USB	EMIF	Timers	Price Each	
				L1	L2									1	25
595-AM1707CZKBA3	AM1707CZKBA3	BGA-256	375, 456	32	128	64	1 32-Ch	10/100	-----	3	2	16-Bit EMIFA, 32-Bit EMIFB	2	13.22	12.16
595-AM1806BZWT3	AM1806BZWT3	NFBGA-361	376, 456	32	128	64	2 32-Ch	-----	2	3 SCI	1	16-Bit EMIFA, 16-Bit DDR2/mDDR	4	10.06	9.20
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	16.39	13.78
595-AM1808BZCE4D	AM1808BZCE4D	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	13.14
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	10.74
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	16.39	13.78
595-AM1808BZWT4A3	AM1808BZWT4A3	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
595-AM3352ZCE50	NFBGA-324	720	32	256	176	2 32-Ch	10/100	2	6	2	2	16-Bit DDR2/mDDR	8	15.43	14.20
595-AM3352ZCZD72	NFBGA-324	720	32	256	176	2 32-Ch	10/100	2	6	2	2	16-Bit DDR2/mDDR	8	21.02	19.44
595-AM3354ZCED50	NFBGA-324	720	32	256	176	2 32-Ch	10/100	2	6	2	2	16-Bit DDR2/mDDR	8	19.81	18.32
595-AM3354ZCZD72	NFBGA-324	720	32	256	176	2 32-Ch	10/100	2	6	2	2	16-Bit DDR2/mDDR	8	25.00	23.12
595-AM3517AZCN	NFBGA-491	600	64	256	132	2 32-Ch	10/100	5	4	3	3	16-Bit EMIFA, 16/32-Bit DDR2/mDDR	12	31.70	26.94
595-AM3715CUS100	FCBGA-423	800	64	256	32	1 32-Ch	-----	5	4	4	4	16-Bit EMIFA, 16/32-Bit DDR2/mDDR	12	43.75	37.84
SITARA™ Development Tools													Price Each		
595-TMDSEXP1808L	TMDSXP1808L	Evaluation Module for AM1808, AM181x eXperimenter's Kit											517.22		
595-TMDSK3358	TMDSK3358	Evaluation Module for AM3352, AM3354, AM3356, AM3358, AM335x Starter Kit											236.33		

