

TEXAS INSTRUMENTS MSP430 MCUs



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MSP430X4XX DEVELOPMENT TOOLS & ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-MSP-CCE430PRO	MSP-CCE430PRO	Code Composer Essentials Professional v3.1 - Unrestricted IDE	568.27
595-MSP-FET430U100	MSP-FET430U100	MSP430 100 pin Package Board & USB Programmer	160.35
595-MSP-FET430U48	MSP-FET430U48	MSP430 48 pin Package Board & USB Programmer	160.35
595-MSP-FET430U64	MSP-FET430U64	MSP430 64 pin Package Board & USB Programmer	169.68
595-MSP-TS430PM64	MSP-TS430PM64	MSP430 64 pin Socket Target Board	85.21
595-MSP-FET430U80	MSP-FET430U80	MSP430 80 pin Package Board & USB Programmer	149.00
595-MSP-GANG430	MSP-GANG430	MSP430 In-System Gang Programmer	214.17
595-MSP-FET430PIF	MSP-FET430PIF	MSP430 Parallel Port Debugging Interface	52.74
595-MSP-FET430UIF	MSP-FET430UIF	MSP430 USB Debugging Interface	106.55
595-MSP-EXP430FG4618	MSP-EXP430FG4618	MSP430FG4618/F2013 Experimenter Board	112.75

MSP430x4xx – This family of LCD flash/ROM based devices offers 1.8V-3.6V operation, up to 120kB/ Flash/ ROM 8MIPS with FLL + SVS along with an integrated LCD controller. Ideal for low power metering and medical applications.

MSP430X4XX FLASH/ROM LCD MICROCONTROLLERS

For quantities of 250 and up, 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-MSP430F412IRTD	MSP430F412IRTD	QFN-64	8	4	256	48	Slope	96	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	5.20	4.16	3.51
595-430F413IPM	MSP430F413IPM	LQFP-64	8	8	256	48	Slope	96	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	5.90	4.72	3.98
595-430F417IPM	MSP430F417IPM	LQFP-64	8	32	1	48	Slope	96	1 16-bit (3CCR), 1 16-bit (5CCR), 1 WD/Int, 2 8-bit	7.80	6.24	5.26
595-MSP430F4250IDL	MSP430F4250IDL	SSOP-48	8	16	256	32	16-bit S-D	56	1 16-bit (3CCR), 1 WD/Int	6.20	4.96	4.18
595-MSP430F4250IDLR	MSP430F4250IDLR	SSOP-48	8	16	256	32	16-bit S-D	56	1 16-bit (3CCR), 1 WD/Int	6.20	4.96	4.18
595-MSP430F4250IRGZT	MSP430F4250IRGZT	QFN-48	8	16	256	32	16-bit S-D	56	1 16-bit (3CCR), 1 WD/Int	6.20	4.96	4.18
595-MSP430F4260IRGZT	MSP430F4260IRGZT	QFN-48	8	24	256	32	16-bit S-D	56	1 16-bit (3CCR), 1 WD/Int	6.90	5.52	4.65
595-430F427IPM	MSP430F427IPM	LQFP-64	8	32	1	14	16-bit S-D	128	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	6.60	5.28	4.45
595-MSP430F4270IDL	MSP430F4270IDL	SSOP-48	8	32	256	32	16-bit S-D	56	1 16-bit (3CCR), 1 WD/Int	7.60	6.08	5.13
595-MSP430F4270IDLR	MSP430F4270IDLR	SSOP-48	8	32	256	32	16-bit S-D	56	1 16-bit (3CCR), 1 WD/Int	7.60	6.08	5.13
595-MSP430F427AIPM	MSP430F427AIPM	LQFP-64	8	32	1	14	16-bit S-D	128	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	6.60	5.28	4.45
595-430F435IPN	MSP430F435IPN	LQFP-80	8	16	512	48	12-bit SAR	128,160	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	8.90	7.12	6.00
595-430F436IPN	MSP430F436IPN	LQFP-80	8	24	1	48	12-bit SAR	128,160	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	9.40	7.52	6.34
595-430F436IPNR	MSP430F436IPNR	LQFP-80	8	24	1	48	12-bit SAR	128,160	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	9.40	7.52	6.34
595-430F437IPN	MSP430F437IPN	LQFP-80	8	32	1	48	12-bit SAR	128,160	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	9.80	7.84	6.61
595-430F437IPZ	MSP430F437IPZ	LQFP-100	8	32	1	48	12-bit SAR	128,160	1 16-bit (3CCR), 1 WD/Int, 2 8-bit	9.80	7.84	6.61
595-430F448IPZ	MSP430F448IPZ	LQFP-100	8	48	2	48	12-bit SAR	160	1 16-bit (3CCR), 1 16-bit (7CCR), 1 WD/Int, 2 8-bit	10.79	9.75	8.65
595-430F449IPZ	MSP430F449IPZ	LQFP-100	8	60	2	48	12-bit SAR	160	1 16-bit (3CCR), 1 16-bit (7CCR), 1 WD/Int, 2 8-bit	11.70	10.57	9.37
595-MSP430F4783IPZ	MSP430F4783IPZ	LQFP-100	16	48	2	72	3 16-bit S-D	160	1 WD/Int, 2 16-bit (3CCR), 2 8-bit	12.52	11.25	9.97
595-MSP430F4793IPZ	MSP430F4793IPZ	LQFP-100	16	60	2.5	72	3 16-bit S-D	160	1 WD/Int, 2 16-bit (3CCR), 2 8-bit	13.44	12.07	10.70
595-MSP430F4794IPZ	MSP430F4794IPZ	LQFP-100	16	60	2.5	72	4 16-bit S-D	160	1 WD/Int, 2 16-bit (3CCR), 2 8-bit	14.27	12.82	11.37
595-MSP430F4E25AIPM	MSP430FE425AIPM	LQFP-64	8	16	512	14	16-bit S-D	128	1 WD/Int, 2 16-bit (3CCR), 2 8-bit	6.60	5.28	4.45
595-430FG437IPN	MSP430FG437IPN	LQFP-80	8	32	1	48	12-bit SAR	128	1 WD/Int, 2 16-bit (3CCR), 2 8-bit	10.79	9.75	8.65
595-430FG439IPN	MSP430FG439IPN	LQFP-80	8	60	2	48	12-bit SAR	128	1 WD/Int, 2 16-bit (3CCR), 2 8-bit	13.19	11.92	10.57
595-MSP430FG4616IPZ	MSP430FG4616IPZ	LQFP-100	8	92	4	80	12-bit SAR	160	1 16-bit (3CCR), 1 16-bit (7CCR), 1 WD/Int, 2 8-bit	15.74	14.17	12.56
595-MSP430FG4617IPZ	MSP430FG4617IPZ	LQFP-100	8	92	8	80	12-bit SAR	160	1 16-bit (3CCR), 1 16-bit (7CCR), 1 WD/Int, 2 8-bit	16.58	14.92	13.23
595-MSP430FG4618IPZ	MSP430FG4618IPZ	LQFP-100	8	116	8	80	12-bit SAR	160	1 16-bit (3CCR), 1 16-bit (7CCR), 1 WD/Int, 2 8-bit	15.52	14.49	13.45
595-MSP430FG4619IPZ	MSP430FG4619IPZ	LQFP-100	8	120	4	80	12-bit SAR	160	1 16-bit (3CCR), 1 16-bit (7CCR), 1 WD/Int, 2 8-bit	16.58	14.92	13.23

MSP430X5XX DEVELOPMENT TOOLS & ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-MSP-CCE430PRO	MSP-CCE430PRO	Code Composer Essentials Professional v3.1 - Unrestricted IDE	568.27
595-MSP-FET430UIF	MSP-FET430UIF	MSP430 USB Debugging Interface	106.55
595-MSP-EXP430F5438	MSP-EXP430F5438	MSP430 F5438 Experimenter Board	159.08
595-MSP-TS430PZ5X100	MSP-TS430PZ5X100	MSP430F5xx 100 pin Socket Target Board	80.33
595-MSP-FET430U5X100	MSP-FET430U5X100	MSP430F5xx 100 pin Socket Target Board & USB Programmer	160.35

MSP430x5xx – Introducing the new Flash-based family featuring the lowest power consumption up to 25 MIPS with 1.8 to 3.6V operation starting at 12 MIPS. New features include an innovative Power Management Module for optimizing power consumption, an internally controlled voltage regulator, and 2x more memory than previous devices.

MSP430X5XX FLASH NO LCD MICROCONTROLLERS

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Freq (MHz)	Flash (KB)	RAM (B)	GPIO	ADC	Timers	Price Each		
									1	25	100
595-MSP430F5418IPN	MSP430F5418IPN	LQFP-80	18	128	16	67	12-bit SAR	1 16-bit (3CCR), 1 16-bit (5CCR), 1 16-bit (7CCR) 1 WD, RTC	6.60	5.28	4.45
595-MSP430F5419IPZ	MSP430F5419IPZ	LQFP-100	18	128	16	87	12-bit SAR	1 16-bit (3CCR), 1 16-bit (5CCR), 1 16-bit (7CCR) 1 WD, RTC	7.30	5.84	4.92
595-MSP430F5435IPN	MSP430F5435IPN	LQFP-80	18	192	16	67	12-bit SAR	1 16-bit (3CCR), 1 16-bit (5CCR), 1 16-bit (7CCR) 1 WD, RTC	7.80	6.24	5.26
595-MSP430F5436IPZ	MSP430F5436IPZ	LQFP-100	18	192	16	87	12-bit SAR	1 16-bit (3CCR), 1 16-bit (5CCR), 1 16-bit (7CCR) 1 WD, RTC	8.60	6.88	5.80
595-MSP430F5437IPN	MSP430F5437IPN	LQFP-80	18	256	16	67	12-bit SAR	1 16-bit (3CCR), 1 16-bit (5CCR), 1 16-bit (7CCR) 1 WD, RTC	8.80	7.04	5.94
595-MSP430F5438IPZ	MSP430F5438IPZ	LQFP-100	18	256	16	87	12-bit SAR	1 16-bit (3CCR), 1 16-bit (5CCR), 1 16-bit (7CCR) 1 WD, RTC	9.70	7.76	6.54

