

TEXAS INSTRUMENTS MSP430 MCUs and DSCs



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MCU / MPU / DSP

Texas Instruments

C2000 DEVELOPMENT TOOLS & ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-TMDX28027USB	TMDX28027USB	TMX20F28027 Piccolo controlSTICK	42.90
595-TMDXCNC28027	TMDXCNC28027	Piccolo controlCARD	54.34
595-TMDSNCNC28044	TMDSNCNC28044	F28044 controlCARD	77.88
595-TMDSNCNC2808	TMDSNCNC2808	TMS320F2808 controlCARD	77.88
595-TMDSNCNC28335	TMDSNCNC28335	TMS320F28335 controlCARD	91.07
595-TMDXCNC28343	TMDXCNC28343	Delfino C28343 controlCARD	119.90
595-TMDXCNC28346168	TMDXCNC28346-168	Delfino C28346 DIM168 controlCARD	137.50
595-TMDXDOCK28027	TMDXDOCK28027	TMX320F28027 Experimenter Kit	86.90
595-TMDSDOCK2808	TMDSDOCK2808	TMS320F2808 Experimenter Kit	104.43
595-TMDSDOCK28335	TMDSDOCK28335	TMS320F28335 Experimenter Kit	119.67
595-TMDXDOCK28343	TMDXDOCK28343	Delfino C28343 Experimenter's Kit	174.90
595-TMDXDOCK28346168	TMDXDOCK28346-168	Delfino C28346 DIM168 Experimenter's Kit	207.90
595-TMDSPREX28335	TMDSPREX28335	C2000 Peripheral Explorer Kit	196.90
595-TMDSDCDC2KIT	TMDSDCDC2KIT	C2000 Digital Power Experimenter Kit	253.92
595-TMDSDCDC8KIT	TMDSDCDC8KIT	C2000 DC/DC Developer's Kit	381.34
595-TMDSRESDCKIT	TMDSRESDCKIT	C2000 Resonant DC/DC Developer's Kit	251.90
595-TMDSENRGYKIT	TMDSENRGYKIT	C2000 Renewable Energy Developer's Kit	383.90
595-TMDSACDCKIT	TMDSACDCKIT	C2000 AC/DC Developer's Kit	815.47
716-BH-USB-2000	BH-USB-2000	Blackhawk USB JTAG Emulator	299.00
760-701902	701902	C2000 XDS510LC JTAG Emulator	280.13
760-701922	701922	C2000 XDS510LC USB Emulator	781.87
595-TMDSADP1414-ISO	TMDSADP1414-ISO	14-pin TI JTAG Isolation Adapter	276.10
595-TMDSADPEMU-20A	TMDSADPEMU-20A	20 pin ARM/14 pin TI emulator to 20 pin ARM Adapter	175.95
595-TMDSADPEMU-20T	TMDSADPEMU-20T	20 pin ARM/14 pin TI emulator to 20 pin TI (CTI) Adapter	175.95
595-TMDSADP1420	TMDSADP1420	Adaptive Clocking JTAG Emulator Adapters	174.83
595-TMDSADP1414	TMDSADP1414	Adaptive Clocking JTAG Emulator Adapters	149.00
595-TMDSADP1460	TMDSADP1460	JTAG Emulation Adapter Board 14e-60t	97.50
595-TMDSCCS2000-1	TMDSCCS2000-1	C2000 Code Composer Studio bundled with Annual Subscription	495.00
595-TMDSCCSALL-1	TMDSCCSALL-1	Code Composer Studio IDE bundled with Annual Subscription	1995.12
595-TMDSENRGYKIT	TMDSENRGYKIT	C2000 Renewable Energy Developer's Kit	383.90

F24X 16-BIT SERIES MICROCONTROLLERS

For quantities of 500 and up, 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-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	17.99	17.61	16.35	16.03
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	7.00	5.60	4.72	4.55
595-TMS320LF2403APAGS	TMS320LF2403APAGS	TQFP-64	40	40	2	32	-	8-Ch	3/2	8-Ch 10-Bit	1 SCI	1 WD, 2 16-Bit GP	15.10	13.64	12.10	11.54
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	13.93	12.52	11.10	10.68
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	15.35	13.79	12.23	11.76
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	14.68	13.27	11.76	11.23

F28X FIXED-POINT SERIES MICROCONTROLLERS

For quantities of 500 and up, 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	6.50	5.20	4.38	4.22
595-TMS320F28015PZS	TMS320F28015PZS	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	7.70	6.16	5.19	5.00
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	7.00	5.60	4.72	4.54
595-TMS320F2806PZS	TMS320F2806PZS	LQFP-100	100	100	20	2	64	16-Ch	4/2	1 16-Ch 12-Bit	2	2 SCI	1 WD, 3 32-Bit GP	16.02	14.39	12.76	12.28
595-TMS320F2808GGMA	TMS320F2808GGMA	BGA-100	100	100	36	2	128	16-Ch	4/2	1 16-Ch 12-Bit	1	2 SCI	1 WD, 3 32-Bit GP	17.39	16.24	15.07	14.84
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	17.39	16.24	15.07	14.84
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	19.20	17.92	16.64	16.31
595-TMS320F2809PZA	TMS320F2809PZA	LQFP-100	100	100	36	2	256	16-Ch	4/2	1 16-Ch 12-Bit	2	2 SCI	1 WD, 3 32-Bit GP	19.42	18.12	16.82	16.56
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	19.81	19.39	18.00	17.72
595-TMS320F2810PBKQ	TMS320F2810PBKQ	LQFP-128	150	150	36	2	128	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	26.40	24.64	22.88	22.43
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	22.12	20.64	19.16	18.86
595-TMS320F2812GHHHA	TMS320F2812GHHHA	BGA-179	150	150	36	2	256	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	23.62	22.05	20.47	20.08
595-TMS320F2812GHHQ	TMS320F2812GHHQ	BGA-179	150	150	36	2	256	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	30.00	28.00	26.00	25.49
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	23.62	22.05	20.47	20.08
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	30.00	28.00	26.00	25.49
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	26.02	24.29	22.55	22.20
595-TMS320R2812GHHHA	TMS320R2812GHHHA	BGA-179	150	150	40	-	-	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	15.97	14.91	13.84	13.62
595-TMS320R2812PGFA	TMS320R2812PGFA	LQFP-176	150	150	40	-	-	16-Ch	6/2	1 16-Ch 12-Bit	-	2 SCI	1 WD, 3 32-Bit GP	15.97	14.91	13.84	13.62

F28X DELFINO™ SERIES MICROCONTROLLERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Peak MMACS	FPU	Freq (MHz)	RAM (KB)	EMIF	DMA	PWM	CAP/QEP	I2C	UART	Timers	Price Each			
														1	25	100	250
595-TMS320F28334PGFA	TMS320F28334PGFA	LQFP-176	150	Yes	150	68	1 32/16-Bit	1 6-Ch DMA	16-Ch	4/2	1	3 SCI	1 WD, 3 32-Bit CPU	22.12	20.65	19.17	18.88
595-TMS320F28335PGFA	TMS320F28335PGFA	LQFP-176	150	Yes	150	68	1 32/16-Bit	1 6-Ch DMA	18-Ch	6/2	1	3 SCI	1 WD, 3 32-Bit CPU	22.37	21.91	20.34	19.94
595-TMS320F28335ZJA	TMS320F28335ZJA	BGA-176	150	Yes	150	68	1 32/16-Bit	1 6-Ch DMA	18-Ch	6/2	1	3 SCI	1 WD, 3 32-Bit CPU	23.47	21.91	20.34	19.94
595-TMS320F28335ZJZS	TMS320F28335ZJZS	BGA-176	150	Yes	150	68	1 32/16-Bit	1 6-Ch DMA	18-Ch	6/2	1	3 SCI	1 WD, 3 32-Bit CPU	25.87	24.15	22.42	22.07

F28X PICCOLO™ SERIES MICROCONTROLLERS

For quantities of 500 and up, 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	SPI	Timers	GPIO	Price Each			
																1	25	100	250
595-TMX320F28023DAA	TMX320F28023DAA	TSSOP-38	40	40	12	2	64	8-Ch	1/0	1 7-Ch 12-Bit	1	1 SCI	1	1 WD, 3 32-Bit GP	20	5.90	4.72	3.98	3.83
595-TMX320F28027PTA	TMX320F28027PTA	LQFP-48	60	60	12	2	64	8-Ch	1/0	1 13-Ch 12-Bit	1	1 SCI	1	1 WD, 3 32-Bit GP	22	7.80	6.24	5.26	5.07

