

TEXAS INSTRUMENTS MCUs and DSPs



MCU / MPU / DSP

Texas Instruments

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F28X DELFINO™ SERIES MICROCONTROLLERS

For quantities greater than listed, 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	25.66	24.78	19.51	19.12
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	28.50	24.22	22.44	20.66
595-M320F28335PTMPEP	SM320F28335PTMPEP	HLQFP-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	66.18	64.34	62.50	59.16
595-TMS320F28335PTPQ	TMS320F28335PTPQ	HLQFP-176	150	Yes	150	68	1 32/16-Bit	1 6-Ch DMA	16-Ch	6/2	1	3 SCI	1 WD, 3 32-Bit CPU	26.62	25.88	25.14	24.63
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	28.95	26.29	19.79	19.39
595-TMS320F28335ZJS	TMS320F28335ZJS	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	31.91	28.98	21.81	21.37
595-TMS320C28346ZFEQ	TMS320C28346ZFEQ	BGA-256	300	Yes	300	516	1 32/16-Bit	1 6-Ch DMA	18-Ch	6/3	1	3 SCI	1 WD, 3 32-Bit CPU	30.66	29.81	28.96	28.85

TMS320C5000™ TOOLS

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-TMDSDSK5509	TMDSDSK5509	TMS320C55x Low-Power Optimization DSP Starter Kit C5515 Fingerprint Development Kit	514.01
595-TMDXBDKFP5515	TMDXBDKFP5515		82.03

CODE COMPOSER TOOLS

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
595-MDSCCSUBALLN01DP	TMDSCCSUBALLN01D-P	Code Composer Studio IDE v5, Renew Subscription, Node Locked Single User	113.93
595-TMDSCCS-ALLF05	TMDSCCS-ALLF05	Code Composer Studio IDE v5, 5 User Pack	2863.97
595-TMDSCCS-ALLF10	TMDSCCS-ALLF10	Code Composer Studio IDE v5, 10 User Pack	5254.59
595-TMDSCCS-ALLF25	TMDSCCS-ALLF25	Code Composer Studio IDE v5, 25 User Pack	11470.22
595-TMDSCCSUBALLF01P	TMDSCCSUBALLF01-P	Code Composer Studio IDE v5, Renew Subscription, 1 User Pack	182.97
595-TMDSCCSUBALLF03P	TMDSCCSUBALLF03-P	Code Composer Studio IDE v5, Renew Subscription, 3 User Pack	459.16
595-TMDSCCSUBALLF05P	TMDSCCSUBALLF05-P	Code Composer Studio IDE v5, Renew Subscription, 5 User Pack	689.31
595-TMDSCCSUBALLF10P	TMDSCCSUBALLF10-P	Code Composer Studio IDE v5, Renew Subscription, 10 User Pack	1077.87
595-TMDSCCSUBALLF25P	TMDSCCSUBALLF25-P	Code Composer Studio IDE v5, Renew Subscription, 25 User Pack	2352.87

TMS320C5XX™ DSP GENERATION

MOUSER STOCK NO.	Texas Instruments Part No.	Package	RAM (KB)	ROM (KB)	DMA	ADC	McBSP	COM	Timers	MHz	MIPS	Price Each	
												1	25
595-MS320VC5401PGE50	TMS320VC5401PGE50	LQFP-144	16	8	6 ch	-	2	1 8-Bit HPI	2	50	50	7.70	7.17
595-TMS320VC5402P100	TMS320VC5402P100	LQFP-144	32	8	6 ch	-	2	1 8-Bit HPI	2	100	100	10.64	10.17
595-S320VC5402APGE16	TMS320VC5402APGE16	LQFP-144	32	32	6 ch	-	3	1 8-Bit HPI	1	128	216	21.80	18.53
595-TMS320VC5404PGE	TMS320VC5404PGE	LQFP-144	32	128	6 ch	-	3	1 8/16-Bit HPI	2	120	120	15.48	14.80
595-S320VC5502PGF300	TMS320VC5502PGF300	LQFP-176	64	32	6 ch	-	3	1 8/16-Bit HPI	3	300	600	15.68	14.98
595-TMS320VC5409AP16	TMS320VC5409AP16	LQFP-144	64	32	6 ch	-	3	1 8/16-Bit HPI	1	160	160	27.30	23.20
595-TMS320VC5407PGE	TMS320VC5407PGE	LQFP-144	80	256	6 ch	-	3	1 8/16-Bit HPI	2	120	120	17.32	16.55
595-S320VC5410APGE12	TMS320VC5410APGE12	LQFP-144	128	32	6 ch	-	3	1 8/16-Bit HPI	1	120	120	29.60	25.16
595-S320VC5410APGE16	TMS320VC5410APGE16	LQFP-144	128	32	6 ch	-	3	1 8/16-Bit HPI	1	160	160	32.90	27.96
595-320VC5506PGE	TMS320VC5506PGE	LQFP-144	128	64	6 ch	-	3	-	2	200	400	12.58	12.02
595-TMS320VC5507PGE	TMS320VC5507PGE	LQFP-144	128	64	6 ch	1	3	1 16-Bit EHPI	2	200	400	18.29	17.48
595-S320VC5416PGE120	TMS320VC5416PGE120	LQFP-144	256	32	6 ch	-	3	1 8/16-Bit HPI	1	120	120	36.32	35.31
595-S320VC5416PGE160	TMS320VC5416PGE160	LQFP-144	256	32	6 ch	-	3	1 8/16-Bit HPI	1	160	160	40.29	39.17
595-MS320C5532AZHH10	TMS320C5532AZHH10	BGA-144	256	64	4 ch	-	-	-	3	100	200	6.49	5.31
595-MS320C5533AZHH10	TMS320C5533AZHH10	BGA-144	256	64	4 ch	-	-	-	3	100	200	8.69	7.11
595-MS320C5534AZHH10	TMS320C5534AZHH10	BGA-144	256	64	4 ch	-	-	-	3	100	200	10.89	8.91
595-MS320C5535AZHH10	TMS320C5535AZHH10	BGA-144	256	64	4 ch	4	-	-	3	100	200	8.75	8.50
595-MS320VC5509APGE	TMS320VC5509APGE	LQFP-144	256	64	6 ch	1	3	1 16-Bit EHPI	2	200	400	28.80	24.48
595-320VC5510AZGW2	TMS320VC5510AZGW2	BGA-240	320	32	6 ch	-	3	1 16-Bit EHPI	2	200	400	34.00	28.90
595-MS320C5515AZCH12	TMS320C5515AZCH12	FBGA-196	320	128	4 ch	10	-	-	3	120	240	12.94	12.58

TMS320C6000™ DSP TOOLS

MOUSER STOCK NO.	Texas Instruments Part No.	Description	Price Each
760-701900	701900	Spectrum Digital XDS510™ USB Emulator	989.00
595-TMDSDSK6416-T	TMDSDSK6416-T	TMS320C6416 DSP Starter Kit	558.46
595-TMDSDSK6455	TMDSDSK6455	TMS320C6455 DSP Starter Kit	617.85
595-TMDSEVM355	TMDSEVM355	TMS320DM355 Digital Video Evaluation Module	514.01
595-TMDSEVM357	TMDSEVM357	TMS320DM357 Digital Video Evaluation Module	886.57
595-TMDSEVM642	TMDSEVM642	TMS320DM642 Evaluation Module	1976.20
595-TMDSEVM6474L	TMDSEVM6474L	TMS320C6474 Evaluation Module	463.76

OMAP PROCESSOR

MOUSER STOCK NO.	Texas Instruments Part No.	Package	RISC Freq./ Freq. (MHz)	Peak MMACS	On-Chip L1/SRAM On-Chip L2/SRAM (KB)	McASP	McBSP	Interface	Timers	Price Each	
										1	25
595-OMAPL132BZWT2	OMAPL132BZWT2	FBGA-36	200, 200	1600	32/256	1	2	2xI2C/2xSPI/3xUART/1xUSB	4	20.13	16.92
595-OMAPL138BZWT3	OMAPL138BZWT3	NFBGA-361	375, 456	3000, 3648	64/256	1	2	2xI2C/2xSPI/3xUART/2xUSB	4	29.90	25.41

TMS320C62X™ - PERFORMANCE VALUE FIXED-POINT DSPS

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Internal RAM L1 Program Cache/L1 Data Cache/L2 Unified RAM Cache	McBSP	Enhanced DMA (Chan)	COM	Timers	MHz	MIPS	Price Each	
										1	25
595-S320C6211BZFN150	TMS320C6211BZFN150	BGA-256	32K/32K/512K	2	16	HPI	2	150	1200	33.82	32.88
595-S320C6211BZFN167	TMS320C6211BZFN167	BGA-256	32K/32K/512K	2	16	HPI	2	167	1333	42.28	41.10

TMS320C64X™ - PERFORMANCE VALUE FIXED-POINT DSPS

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Internal RAM L1 Program Cache/L1 Data Cache/L2 Unified RAM Cache	McBSP	Enhanced DMA (Chan)	COM	Timers	MHz	MIPS	Price Each	
										1	25
595-TMS320C6424ZWT5	TMS320C6424ZWT5	BGA-361	32K/80K/128K	2	64	PCI/HPI/EMAC	3	500	4000	32.21	31.31
595-TMS320C6424ZDUQ5	TMS320C6424ZDUQ5	BGA-376	32K/80K/128K	2	64	PCI/HPI/EMAC	3	500	4000	38.38	37.31
595-TMS320C6424ZWT6	TMS320C6424ZWT6	BGA-361	32K/80K/128K	2	64	PCI/HPI/EMAC	3	600	4800	40.44	39.31
595-TMS320C6421ZWT4	TMS320C6421ZWT4	BGA-361	48K/16K/64K	1	64	HPI/EMAC	3	400	3200	14.85	14.44
595-TMS320C6421ZWT5	TMS320C6421ZWT5	BGA-361	48K/16K/64K	1	64	HPI/EMAC	3	500	4000	26.78	23.03
595-TMS320C6421ZWT6	TMS320C6421ZWT6	BGA-361	48K/16K/64K	1	64	HPI/EMAC	3	600	4800	37.94	32.64

TMS32067XX™ - LOW POWER FIXED/FLOATING-POINT DSP

MOUSER STOCK NO.	Texas Instruments Part No.	Package	RAM (KB)	ROM (KB)	DMA	ADC	McBSP	COM	Timers	MHz	MIPS	Price Each	
												1	25
595-TMS320C6746BZWT4	TMS320C6746BZWT4	NFBGA-361	64	256	32-Ch	-	2	1 16-Bit HPI	4	375	3648	15.88	15.43