

TEXAS INSTRUMENTS DSPs



Products may be RoHS compliant.
Check mouser.com for RoHS status.

TMS320C5000™ TOOLS

MOUSER STOCK NO.	TI Part No.	Description	Price Each
595-TMDSDSK5509	TMDSDSK5509	TMS320C55x Low-Power Optimization DSP Starter Kit	580.80
595-TMDSDSK5416	TMDSDSK5416	TMS320C54x DSP Starter Kit, TMS320C5416 DSP based	463.47
595-TMDSDSK5510	TMDSDSK5510	TMS320C55x DSP Starter Kit, TMS320C5510 DSP based	463.47
595-TMDXBDKFP5515	TMDXBDKFP5515	C5515 Fingerprint Development Kit	88.44
760-701014	701014	Spectrum Digital XDS510PP-Plus Emulator	495.00
760-701900	701900	Spectrum Digital XDS510™ USB Emulator	989.00
716-BH-USB-560M	BH-USB-560M	Blackhawk XDS560 USB High-Performance JTAG Emulator	2999.00
595-TMDSCCSALL-1	TMDSCCSALL-1	Code Composer Studio™ Platinum Edition v3.3	1995.00
595-TMDSUBALL	TMDSUBALL	Code Composer Studio	704.00

TMS320C55X™ DSP GENERATION

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	RAM (KB)	ROM (KB)	DMA	ADC	McBSP	COM	Timers	MHz	MIPS	Price Each	
												1	25
595-S320VC5502PGF300	TMS320VC5502PGF300	LQFP-176	64	32	6 ch	-	3	HPI16/8	3	300	600	12.88	12.15
595-TMS320VC5503GHH	TMS320VC5503GHH	BGA-179	64	64	6 ch	-	3	HPI16	2	200	400	11.25	10.12
595-S320VC5506GHH	TMS320VC5506GHH	BGA-179	128	64	6 ch	-	3	-	2	200	400	10.79	9.75
595-S320VC5506PGE	TMS320VC5506PGE	LQFP-144	128	64	6 ch	-	3	-	2	200	400	10.79	9.75
595-TMS320VC5507PGE	TMS320VC5507PGE	LQFP-144	128	64	6 ch	Y	3	HPI16	2	200	400	15.03	14.17
595-TMS320VC5509AGHH	TMS320VC5509AGHH	BGA-179	256	64	6 ch	Y	3	HPI16	2	200	400	21.60	20.16
595-TMS320VC5509APGE	TMS320VC5509APGE	LQFP-144	256	64	6 ch	Y	3	HPI16	2	200	400	20.60	20.16
595-S320VC5510AGGW1	TMS320VC5510AGGW1	MICROSTAR BGA-240	320	32	6 ch	-	3	HPI16	2	160	320	21.60	20.16
595-TMS320VC5510AGW2	TMS320VC5510AGW2	MICROSTAR BGA-240	320	32	6 ch	-	3	HPI16	2	200	400	25.27	23.59
595-S320VC5510AZGW2	TMS320VC5510AZGW2	BGA-240	320	32	6-Ch	-	3	EHPI/16	2	200	400	25.49	23.80

TMS320C54X™ DSP GENERATION

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MOUSER STOCK NO.	TI Part No.	Package	RAM (KB)	ROM (KB)	DAT/PRO (ADDR) (Bytes) (K/M)	McBSP	COM	Timers	DMA	MHz	MIPS	Price Each	
												1	25
595-MS320VC5401PGE50	TMS320VC5401PGE50	LQFP-144	16	8	128/2	2	HPI8	2	6	50	50	7.00	5.60
595-TMS320VC5402P100	TMS320VC5402PGE100	LQFP-144	32	8	128/2	2	HPI8	2	6	100	100	8.75	8.25
595-S320VC5402APGE16	TMS320VC5402APGE16	LQFP-144	32	32	128/16	3	HPI8	1	6	128	216	16.35	15.26
595-S320VC5402AGGU16	TMS320VC5402AGGU16	BGA-144	32	32	128/16	3	HPI8	1	6	128	216	16.35	15.26
595-TMS320VC5404PGE	TMS320VC5404PGE	LQFP-144	32	128	128/16	3	HPI8/16	2	6	120	120	13.36	12.00
595-TMS320VC5407PGE	TMS320VC5407PGE	LQFP-144	80	256	128/16	3	HPI8/16	2	6	120	120	14.85	13.42
595-TMS320VC5407GGU	TMS320VC5407GGU	BGA-144	80	256	128/16	3	HPI8/16	2	6	120	120	14.85	13.42
595-TMS320VC5409AP12	TMS320VC5409APGE12	LQFP-144	64	32	128/16	3	HPI8/16	1	6	120	120	18.45	17.22
595-TMS320VC5409AG12	TMS320VC5409AGGU12	BGA-144	64	32	128/16	3	HPI8/16	1	6	120	120	18.45	17.22
595-TMS320VC5409AP16	TMS320VC5409APGE16	LQFP-144	64	32	128/16	3	HPI8/16	1	6	160	160	19.52	19.10
595-S320VC5410APGE12	TMS320VC5410APGE12	LQFP-144	128	32	128/16	3	HPI8/16	1	6	120	120	21.17	20.72
595-S320VC5410AGGU12	TMS320VC5410AGGU12	BGA-144	128	32	128/16	3	HPI8/16	1	6	120	120	22.20	20.72
595-S320VC5410APGE16	TMS320VC5410APGE16	LQFP-144	128	32	128/16	3	HPI8/16	1	6	160	160	23.53	23.03
595-S320VC5410AGGU16	TMS320VC5410AGGU16	BGA-144	128	32	128/16	3	HPI8/16	1	6	160	160	24.68	23.03
595-S320VC5416PGE120	TMS320VC5416PGE120	LQFP-144	256	32	128/16	3	HPI8/16	1	6	120	120	37.05	34.58
595-S320VC5416PGE160	TMS320VC5416PGE160	LQFP-144	256	32	128/16	3	HPI8/16	1	6	160	160	39.19	38.36
595-TMS320VC5416GU160	TMS320VC5416GGU160	BGA-144	256	32	128/16	3	HPI8/16	1	6	160	160	41.10	38.36

TMS320C6000™ DSP TOOLS

MOUSER STOCK NO.	TI Part No.	Description	Price Each
595-TMDSDSK6416-T	TMDSDSK6416-T	TMS320C6416 DSP Starter Kit	580.80
595-TMDSDMK642	TMDSDMK642	TMS320DM642 Digital Media Dev Kit	6495.00
595-TMDSEVM642	TMDSEVM642	TMS320DM642 Evaluation Module	1995.00
760-701014	701014	Spectrum Digital XDS510PP-Plus Emulator	495.00
760-701900	701900	Spectrum Digital XDS510™ USB Emulator	989.00
716-BH-PCI-560	BH-PCI-560	Blackhawk XDS560™ JTAG PCI Emulator	2750.00
716-BH-USB-560M	BH-USB-560M	Blackhawk XDS560 USB HP JTAG Emulator	2999.00
716-BH-USB-560T	BH-USB-560T	Blackhawk XDS560 USB Trace Emulator	9995.00
595-TMDSCCSALL-1	TMDSCCSALL-1	Digital Video Software Production Bundle	1995.00
595-TMDSUBALL	TMDSUBALL	CCStudio Development Tools	704.00

TMS320C64X™ - PERFORMANCE VALUE FIXED-POINT DSPS

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MOUSER STOCK NO.	TI 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-MS320C6413GTS500	TMS320C6413GTS500	FCBGA-288	16K/16K/256K	2	64	HPI 32/16	3	500	4000	35.55	33.17
595-S320C6416TBGLZ1	TMS320C6416TBGLZ1	FCBGA-532	128K/128K/8M	3	64	HPI36/16	3	1000	8000	308.69	267.54
595-MS320C6418GTS600	TMS320C6418GTS600	FCBGA-288	16K/16K/512K	2	64	HPI 32/16	3	600	4800	66.22	57.39
595-TMS320C6424ZWT4	TMS320C6424ZWT4	BGA-361	32K/80K/128K	2	64	PCI/HPI/EMAC	3	400	3200	26.25	24.50
595-TMS320C6424ZWT5	TMS320C6424ZWT5	BGA-361	32K/80K/128K	2	64	PCI/HPI/EMAC	3	500	4000	32.85	30.66
595-TMS320C6424ZDUQ5	TMS320C6424ZDUQ5	BGA-376	32K/80K/128K	2	64	PCI/HPI/EMAC	3	500	4000	44.11	41.76
595-TMS320C6424ZWT6	TMS320C6424ZWT6	BGA-361	32K/80K/128K	2	64	PCI/HPI/EMAC	3	600	4800	41.25	38.50
595-TMS320C6421ZWT4	TMS320C6421ZWT4	BGA-361	48K/16K/64K	1	64	HPI/EMAC	3	400	3200	15.15	14.14
595-TMS320C6421ZWT5	TMS320C6421ZWT5	BGA-361	48K/16K/64K	1	64	HPI/EMAC	3	500	4000	20.32	18.97
595-TMS320C6421ZDUQ5	TMS320C6421ZDUQ5	BGA-376	48K/16K/64K	1	64	HPI/EMAC	3	500	4000	22.17	20.80
595-TMS320C6421ZWT6	TMS320C6421ZWT6	BGA-361	48K/16K/64K	1	64	HPI/EMAC	3	600	4800	28.80	26.88

