

TEXAS INSTRUMENTS DSPs



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DAVINCI™ DIGITAL MEDIA PROCESSOR TOOLS

MOUSER STOCK NO.	TI Part No.	Description	Price Each
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	2749.98
716-BH-USB-560M	BH-USB-560M	Blackhawk XDS560 USB HP JTAG Emulator	2998.73
716-BH-USB-560T	BH-USB-560T	Blackhawk XDS560 USB Trace Emulator	9995.00
595-BEAGLEBOARD-XM	BEAGLEBOARD-XM	Beagle Board Development Kit	149.00
595-CRANE	CRANE	CraneBoard provides developers a low cost development solution for Sitara AM3517 Cortex-A8 processor.	227.76
778-LSP125-601	LSP125-601	Lyrtech Signal Wave-DSP-FPGA-based Development Platform	5000.00
778-LYR170-611	LYR170-611	Lyrtech Small Form Factor SDR Development Platform	9900.00
595-TMDSALL-1	TMDSALL-1	Code Composer Studio Platinum Edition v3.3	3595.00
595-TMDSEVM6446	TMDSEVM6446	TMS320DM6446 Digital Video Eval Module	2495.00
595-TMDSSUBALL	TMDSSUBALL	CCStudio Development Tools	660.00
595-PANDBOARD	UEVM4430G-01-00-00	PandaBoard is a platform designed to provide access to the powerful features of the OMAP4430 Multimedia Processor	189.00

DAVINCI™ DIGITAL MEDIA PROCESSORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	CPU	Frequency (MHz)	L1/SRAM (bytes)	L2/SRAM (bytes)	ROM (k bytes)	Price Each	
								1	25
595-TMS320DM642AZN27	TMS320DM642AZN27	FCBGA-548	c64x+, DaVinci Video	720	32K	256K	1	83.60	74.45
595-TMS320DM6431ZWT3	TMS320DM6431ZWT3	BGA-361	C64x+, DaVinci Video	300	64	64	64	22.23	19.12
595-TMS320DM6431ZDU3	TMS320DM6431ZDU3	BGA-376	C64x+, DaVinci Video	300	64	64	64	22.23	18.90
595-TMS320DM6433ZWT4	TMS320DM6433ZWT4	BGA-361	C64x+, DaVinci Video	400	112	128	64	30.23	26.01
595-TMS320DM6433ZWT5	TMS320DM6433ZWT5	BGA-361	C64x+, DaVinci Video	500	112	128	64	29.97	27.54
595-TMS320DM6433ZWT6	TMS320DM6433ZWT6	BGA-361	C64x+, DaVinci Video	600	112	128	64	33.33	30.68
595-TMS320DM6433ZDU4	TMS320DM6433ZDU4	BGA-376	C64x+, DaVinci Video	400	112	128	64	30.23	25.70
595-TMS320DM6433ZDU6	TMS320DM6433ZDU6	BGA-376	C64x+, DaVinci Video	600	112	128	64	33.33	30.32
595-TMS320DM6435ZWT4	TMS320DM6435ZWT4	BGA-361	C64x+, DaVinci Video	400	112	128	64	31.32	26.94
595-TMS320DM6435ZWT5	TMS320DM6435ZWT5	BGA-361	C64x+, DaVinci Video	500	112	128	64	31.08	28.22
595-TMS320DM6435ZWT6	TMS320DM6435ZWT6	BGA-361	C64x+, DaVinci Video	600	112	128	64	36.96	31.79
595-TMS320DM6435ZDU6	TMS320DM6435ZDU6	BGA-376	C64x+, DaVinci Video	600	112	128	64	36.96	31.79
595-TMS320DM6437ZWT4	TMS320DM6437ZWT4	BGA-361	C64x+, DaVinci Video	400	112	128	64	37.17	32.56
595-TMS320DM6437ZWT5	TMS320DM6437ZWT5	BGA-361	C64x+, DaVinci Video	500	112	128	64	39.40	34.48
595-TMS320DM6437ZWT6	TMS320DM6437ZWT6	BGA-361	C64x+, DaVinci Video	600	112	128	64	44.40	38.40
595-TMS320DM6437ZDU4	TMS320DM6437ZDU4	BGA-376	C64x+, DaVinci Video	400	112	128	64	37.17	32.56
595-TMS320DM6437ZDU6	TMS320DM6437ZDU6	BGA-376	C64x+, DaVinci Video	600	112	128	64	41.40	37.95
595-MS320DM6446AZWTA	TMS320DM6446AZWTA	NFBGA-361	C64x+, ARM9, DaVinci Video	513, 594	112K/40K	64K	16	60.61	53.47
595-TMS320DM647ZUT7	TMS320DM647ZUT7	FCBGA-529	C64x+, DaVinci Video	720, 900	32/32	256	64	62.26	55.57
595-TMS320DM647ZUT9	TMS320DM647ZUT9	FCBGA-529	C64x+, DaVinci Video	720, 900	32/32	256	64	75.59	68.36
595-TMS320DM648ZUT7	TMS320DM648ZUT7	FCBGA-529	C64x+, DaVinci Video	720, 900	32/32	512	64	75.59	68.36
595-TMS320DM648ZUT9	TMS320DM648ZUT9	FCBGA-529	C64x+, DaVinci Video	720, 900	32/32	512	64	92.72	82.57
595-MS320DM355ZCE216	TMS320DM355ZCE216	-	ARM 9, Davinci Video	216	-	-	8	26.00	22.10
595-MS320DM355ZCE270	TMS320DM355ZCE270	-	Arm 9, Davinci Video	270	-	-	8	37.10	31.53

TMS320C645, DSP GENERATION-HIGHEST-PERFORMANCE FIXED-POINT DSPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Internal RAM L1 Program Cache/L1 Data Cache/L2 Unified RAM Cache	McASP	McBSP	TSIP	Enhanced DMA (Chan)	Timers	MHz	MIPS	Price Each	
											1	25
595-TMS320C6455BZT22	TMS320C6455BZT22	FCBGA-697	32K/32K/2M	-	2+Utopia	-	64	2	1200	9600	312.84	286.94
595-320C6455BZT2	TMS320C6455BZT2	FCBGA-697	32K/32K/2M	-	2+Utopia	-	64	2	1000	8000	248.82	228.21
595-320C6455BZT8	TMS320C6455BZT8	FCBGA-697	32K/32K/2M	-	2+Utopia	-	64	2	850	6800	215.90	198.03
595-320C6455BZT7	TMS320C6455BZT7	FCBGA-697	32K/32K/2M	-	2+Utopia	-	64	2	720	5760	182.91	167.77
595-320C6454BZT2	TMS320C6454BZT2	FCBGA-687	32K/32K/1M	-	2	-	64	2	1000	8000	194.51	178.41
595-320C6454BZT8	TMS320C6454BZT8	FCBGA-687	32K/32K/1M	-	2	-	64	2	850	6800	152.35	141.37
595-320C6454BZT7	TMS320C6454BZT7	FCBGA-687	32K/32K/1M	-	2	-	64	2	720	5760	131.29	119.75
595-TMS320C6452ZUT9	TMS320C6452ZUT9	FCBGA-529	32K/32K/1.4M	1	-	2	64	4	900	7200	137.70	125.60

TMS320C67X™ DSP GENERATION - FLOATING-POINT DSPS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Freq. (MHz)	L1P (bytes)	L1D (bytes)	L2 (bytes)	RAM (bytes)	External Memory I/F	DMA	Timers	Serial Ports	Price Each	
												1	25
595-TMS32C6711DZDPA167	TMS32C6711DZDPA167	BGA-272	167	4K	4K	64K	-	SDRAM	16 Ch	1 GP	2 McASP	37.50	31.87
595-S320C6713BPYP200	TMS320C6713BPYP200	HLQFP-208	200	4K	4K	256K	-	SDRAM	16 Ch	2 GP	2 McASP, 2 SPI, 2 I2C	35.20	29.92
595-TMS32C6713BPYP200	TMS32C6713BPYP200	HLQFP-208	200	4K	4K	256K	-	SDRAM	16 Ch	2 GP	2 McASP, 2 SPI, 2 I2C	38.12	33.36
595-S320C6722BRFP200	TMS320C6722BRFP200	HTQFP-144	200	32K	128K	384K	-	SDRAM	dMAX	1 GP	2 McASP, 2 SPI, 2 I2C	19.69	16.55
595-TMSDC6722BRFP225	TMSDC6722BRFP225	HTQFP-144	225	32K	128K	384K	-	SDRAM	dMAX	1 GP	2 McASP, 2 SPI, 2 I2C	21.60	18.36
595-S320C6711DZDP250	TMS320C6711DZDP250	BGA-272	250	4K	4K	64K	-	SDRAM	16 Ch	1 GP	2 McASP	32.40	27.54
595-S320C6722BRFP250	TMS320C6722BRFP250	HTQFP-144	250	32K	128K	384K	-	SDRAM	dMAX	1 GP	2 McASP, 2 SPI, 2 I2C	21.35	18.36
595-TMSDC6727BZD250	TMSDC6727BZDHA250	BGA-256	250	32K	256K	384K	-	SDRAM	dMAX	1 GP	3 McASP, 2 SPI, 2 I2C	42.92	37.12
595-S320C6726BRFP266	TMS320C6726BRFP266	HTQFP-144	266	32K	256K	384K	-	SDRAM	dMAX	1 GP	3 McASP, 2 SPI, 2 I2C	28.00	23.80
595-320C6727BZDH275	TMS320C6727BZDH275	BGA-256	275	32K	256K	384K	-	SDRAM	dMAX	1 GP	3 McASP, 2 SPI, 2 I2C	34.69	29.83
595-320C6727BZDH300	TMS320C6727BZDH300	BGA-256	300	32K	256K	384K	-	SDRAM	dMAX	1 GP	3 McASP, 2 SPI, 2 I2C	39.70	33.74
595-TMS320C6747BZKB3	TMS320C6747BZKB3	BGA-256	300	32K	32K	256K	128K	SDRAM, NAND, NOR	32 Ch	1 GP, 1GP/WD	USB 2.0 HS OTG, USB 1.1, 3 McASP, 2 SPI, 2 I2C, 3 UART	24.70	20.99
595-320C6727BZDH350	TMS320C6727BZDH350	BGA-256	350	32K	256K	384K	-	SDRAM	dMAX	1 GP	2 McASP, 2 SPI, 2 I2C	50.23	43.44