

AMTEL (Cont.)		PARALLEL EEPROM			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
AT28HC64B-90TU-ND	64K (8Kx8) 5V EEPROM, High Speed, 90ns*	28-TSOP	4.30	3.31	2.97
AT28HC64B-12SU-ND	64K (8Kx8) 5V EEPROM, High Speed, 120ns*	28-SOIC	3.63	3.14	2.84
AT28C256-15JU-ND	256K (32Kx8) 5V EEPROM, 150ns*	32-PLCC	6.09	4.30	3.87
AT28C256-15PU-ND	256K (32Kx8) 5V EEPROM, 150ns*	28-Dip	6.09	4.43	4.00
AT28C256-15TU-ND	256K (32Kx8) 5V EEPROM, 150ns*	28-TSOP	6.25	4.43	4.00
AT28C256E-15JU-ND	256K (32Kx8) 5V EEPROM, 150ns*	32-PLCC	6.25	5.16	4.64
AT28C256E-15TU-ND	256K (32Kx8) 5V EEPROM, 150ns*	28-TSOP	6.38	5.16	4.64
AT28C256F-15JU-ND	256K (32Kx8) 5V EEPROM, Fast Write, 150ns*	32-PLCC	6.38	5.16	4.64
AT28C256F-15TU-ND	256K (32Kx8) 5V EEPROM, Fast Write, 150ns*	28-TSOP	6.38	5.16	3.56
AT28HC256-90JU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	32-PLCC	7.81	6.19	5.55
AT28HC256-90SU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	28-SOIC	9.24	5.80	5.63
AT28HC256-12JU-ND	256K (32Kx8) 5V EEPROM, High Speed, 120ns*	32-PLCC	6.38	4.52	4.04
AT28HC256-12SU-ND	256K (32Kx8) 5V EEPROM, High Speed, 120ns*	28-SOIC	6.55	4.64	4.17
AT28HC256-12TU-ND	256K (32Kx8) 5V EEPROM, High Speed, 120ns*	28-TSOP	6.55	4.64	4.17
AT28HC256E-90JU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	32-PLCC	10.48	7.31	6.58
AT28HC256E-90SU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	28-SOIC	10.15	7.08	6.38
AT28HC256F-90JU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 90ns*	32-PLCC	5.02	4.84	4.64
AT28HC256F-90SU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 90ns*	28-SOIC	8.60	7.31	6.58
AT28HC256F-90TU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 90ns*	28-TSOP	8.71	7.31	6.58
AT28HC256F-12JU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 120ns	32-PLCC	14.50	13.95	13.39
AT28HC256F-12SU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 120ns	28-SOIC	6.01	5.79	5.56
AT28C010-12JU-ND	1M (128Kx8) 5V EEPROM, 120ns*	32-PLCC	29.86	18.75	16.67
AT28C010-12TU-ND	1M (128Kx8) 5V EEPROM, 120ns*	32-TSOP	29.98	17.06	16.74

AMTEL		FLASH MEMORY			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
Flash Memory: Single-Voltage (1.65V to 1.95V) Read and Write — RoHS Compliant					
AT49BV642D-70TU-ND	64M (4Mx16) 2.7V Flash, 70ns	48-TSOP	4.00	3.24	3.00
AT49BV642D-70TU-ND	64M (4Mx16) 2.7V Flash, 70ns	48-TSOP	3.59	3.24	3.00
Flash Memory: Battery-Voltage Single-Voltage Read and Write					
AT29BV040A-20JU-ND	4M (512Kx8) 2.7V Battery-Voltage Flash, 200ns*	32-PLCC	4.31	3.49	2.99
AT29BV040A-25TC-ND	4M (512Kx8) 2.7V Small Sector Flash, 250ns	32-TSOP	2.54	2.44	2.34
AT49BV8192A-11CI-ND	8M (1Mx8 or 512Kx16) 2.7V Large Sector Flash, 110ns	48-CBGA	9.40	9.04	8.68
Flash Memory: Standard Voltage (4.5 to 5.5V) Single-Voltage Read and Write					
AT29C512-70JU-ND	512K (64Kx8) 5V Small Sector Flash, 70ns*	32-PLCC	2.08	1.68	1.44
AT29C010A-70JU-ND	1M (128Kx8) 5V Small Sector Flash, 70ns*	32-PLCC	2.31	1.87	1.60
AT29C020-70JU-ND	2M (256Kx8) 5V Small Sector Flash, 70ns*	32-PLCC	3.07	2.49	2.13
AT29C020-70TU-ND	2M (256Kx8) 5V Small Sector Flash, 70ns*	32-TSOP	3.07	2.49	2.13
AT49F512-70VI-ND	512K (64Kx8) 5V Flash, 70ns	32-VSOP	2.36	2.28	2.19
AT49F512-90VC-ND	512K (64Kx8) 5V Flash, 90ns	32-VSOP	1.02	.99	.95
AT49F512-90VI-ND	512K (64Kx8) 5V Flash, 90ns	32-VSOP	1.99	1.92	1.84
AT49F001-55VC-ND	1M (128Kx8) 5V Parametric Flash, 55ns	32-VSOP	2.88	2.77	2.66
AT49F001-55VI-ND	1M (128Kx8) 5V Parametric Flash, 55ns	32-VSOP	3.09	2.97	2.86
AT49F002ANT-55VU-ND	2M (256Kx8) 5V Flash, 55ns*	32-VSOP	.72	.70	.67
AT49F002T-70VC-ND	2M (256Kx8) 5V Parametric Flash, Top Boot, 70ns	32-VSOP	3.05	2.93	2.82
AT49F002T-70VI-ND	2M (256Kx8) 5V Parametric Flash, Top Boot, 70ns	32-VSOP	3.20	3.08	2.97
AT49F040-70VC-ND	4M (512Kx8) 5V Boot Flash, 70ns	32-VSOP	5.11	4.92	4.72
AT49F040-70VI-ND	4M (512Kx8) 5V Boot Flash, 70ns	32-VSOP	5.93	5.70	5.48
AT49F008AT-12TC-ND	8M (1Mx8 or 512Kx16) 5V Large Sector Flash, Top Boot, 120ns	48-TSOP	7.58	7.28	6.99

AMTEL		SERIAL DATAFLASH			
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
AT26F004-MU-ND	4M Serial Firmware DataFlash, 2.7V*	8-QFN	.70	.68	.65
AT45D0011D-SH-B-ND	1M Serial DataFlash, 2.7V*	8-SOIC	.71	.58	.49
AT45D0011D-SSH-B-ND	1M Serial DataFlash, 2.7V*	8-SOIC	.71	.58	.49
AT45D0021D-MH-Y-ND	2M Serial DataFlash, 2.7V*	8-QFN	1.16	.94	.80
AT45D0021D-SSH-B-ND	2M Serial DataFlash, 2.7V*	8-SOIC	.89	.73	.62
AT45D0021D-SH-B-ND	2M Serial DataFlash, 2.7V*	8-SOIC	.89	.73	.62
AT45D0041D-MU-ND	4M Serial DataFlash, 2.7V*	8-VDFN	1.33	1.08	.92
AT45D0041D-MU-2.5-ND	4M Serial DataFlash, 2.5V*	8-VDFN	1.51	1.22	1.05
AT45D0041D-SSU-ND	4M Serial DataFlash, 2.7V*	8-SOIC	1.07	.86	.74
AT45D0041D-SSU-2.5-ND	4M Serial DataFlash, 2.5V*	8-SOIC	1.16	.94	.80
AT45D0041D-SU-ND	4M Serial DataFlash, 2.7V*	8-SOIC	1.07	.86	.74
AT45D0041D-SU-2.5-ND	4M Serial DataFlash, 2.5V*	8-SOIC	1.16	.94	.80
AT45D0081D-MU-ND	8M Serial DataFlash, 2.7V*	8-QFN	1.60	1.29	1.11
AT45D0081D-SSU-ND	8M Serial DataFlash, 2.7V*	8-SOIC	1.33	1.08	.92
AT45D0081D-SU-2.5-ND	8M Serial DataFlash, 2.5V*	8-SOIC	1.42	1.16	.98
AT45D0081D-SU-ND	8M Serial DataFlash, 2.7V*	8-SOIC	1.33	1.08	.92
AT45D0081D-SU-2.5-ND	8M Serial DataFlash, 2.5V*	8-SOIC	1.42	1.16	.98
AT45D1616D-MU-ND	16M Serial DataFlash, 2.7V*	8-QFN	2.04	1.65	1.42
AT45D1616D-MU-2.5-ND	16M Serial DataFlash, 2.5V*	8-QFN	2.13	1.72	1.48
AT45D1616D-SU-ND	16M Serial DataFlash, 2.7V*	8-SOIC	1.87	1.51	1.29
AT45D1616D-SU-2.5-ND	16M Serial DataFlash, 2.5V*	8-SOIC	1.96	1.59	1.35
AT45D1616D-TU-ND	16M Serial DataFlash, 2.7V*	28-TSOP	2.04	1.65	1.42
AT45D1616D-TU-2.5-ND	16M Serial DataFlash, 2.5V*	28-TSOP	2.04	1.65	1.42
AT45D321D-SU-ND	32M Serial DataFlash, 2.7V*	8-SOIC	3.20	2.32	2.15
AT45D8642D-CNU-ND	64M Serial DataFlash, Dual, 2.7V*	8-CASON	4.80	3.88	3.32
AT45D8642D-TU-ND	64M Serial DataFlash, Dual, 2.7V*	28-TSOP	5.06	4.09	3.51

EVERSPIN		MEMORY — RoHS Compliant			
EverSpin Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*	
				1	25
MROA108BYS35	819-1002-ND	64Kx8-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	11.16	9.39
MROA16ACYS35	819-1005-ND	64Kx16-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	12.27	10.32
MROA16AVYS35	819-1006-ND	64Kx16-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	13.94	11.73

EVERSPIN		MEMORY — RoHS Compliant			
EverSpin Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*	
				1	25
MROA16AVYS35	819-1007-ND	64Kx16-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	11.16	9.39
MROA16AVYS35	819-1009-ND	128Kx16-Bit 3.3V Async. 2MB MRAM 35ns	44-TSOP	23.32	19.00
MROA16AVYS35	819-1010-ND	128Kx16-Bit 3.3V Async. 2MB MRAM 35ns	44-TSOP	20.68	16.40
MR2A16ACYS35	819-1011-ND	256Kx16-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	22.21	18.88
MR2A16AVYS35	819-1012-ND	256Kx16-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	25.21	21.44
MR2A16AVYS35	819-1013-ND	256Kx16-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	20.17	17.15
MR2A08ACYS35	819-1003-ND	512Kx8-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	21.69	18.44
MR2A08AVYS35	819-1004-ND	512Kx8-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	20.17	17.15

ISSI		SDRAM — RoHS Compliant			
ISSI Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*	
				1	25
IS42S16100C1-7TL	706-1016-ND	143MHz, 16Mb (512Kx16) SDRAM	50-TSOP	2.60	1.61
IS42S16100E-7BL1	706-1070-ND	143MHz, 16Mb (512Kx16) SDRAM	60-BGA	4.21	3.39
IS42S16100E-7TL	706-1071-ND	143MHz, 16Mb (512Kx16) SDRAM	50-TSOP	2.30	1.86
IS42S16100E-7TL1	706-1072-ND	143MHz, 16Mb (512Kx16) SDRAM	50-TSOP	2.83	2.27
IS42S16160B-7BL	706-1017-ND	143MHz, 256Mb (16Mx16) SDRAM	54-FBGA	9.75	8.00
IS42S16160B-7TL	706-1018-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	8.10	6.64
IS42S16160B-7TLTR	706-1052-1-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	10.06	8.25
IS42S16160B-7TLTR1	706-1052-2-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	8147.41	1,500
IS42S16160B-7TL	706-1073-ND	143MHz, 256Mb (16Mx16) SDRAM	54-BGA	9.67	7.93
IS42S16160D-7TL	706-1074-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	8.01	6.58
IS42S16400D-7TL	706-1019-ND	143MHz, 64Mb (4Mx16) SDRAM	54-TSOP	3.26	2.63
IS42S16400F-6TL	706-1075-ND	166MHz, 64Mb (4Mx16) SDRAM	54-TSOP	3.68	2.96
IS42S16400F-6TL1	706-1076-ND	166MHz, 64Mb (4Mx16) SDRAM	54-TSOP	4.54	3.65
IS42S16400F-7TL	706-1077-ND	143MHz, 64Mb (4Mx16) SDRAM	54-TSOP	3.47	2.79
IS42S16400F-7TL1	706-1078-ND	143MHz, 64Mb (4Mx16) SDRAM	54-TSOP	3.86	3.10
IS42S16800D-7TL	706-1020-ND	143MHz, 128Mb (8Mx16) SDRAM	54-TSOP	5.35	4.39
IS42S16800E-7TL	706-1064-ND	143MHz, 128Mb (8Mx16) SDRAM	54-TSOP	5.27	4.32
IS42S32160A-75BL	706-1061-ND	133MHz, 512Mb (16Mx32) SDRAM	90-BGA	20.65	17.56
IS42S32160A-75BL1	706-1062-ND	133MHz, 512Mb (16Mx32) SDRAM	90-BGA	24.78	21.07
IS42S32200E-7BL	706-1080-ND	143MHz, 64Mb (2Mx32) SDRAM	90-BGA	6.20	5.09
IS42S32200E-7TL	706-1081-ND	143MHz, 64Mb (2Mx32) SDRAM	86-TSOP	4.05	3.26
IS42S32200F-7TL1	706-1082-ND	143MHz, 64Mb (2Mx32) SDRAM	86-TSOP	5.09	4.09
IS42S32400D-7TL	706-1022-ND	143MHz, 128Mb (4Mx32) SDRAM	90-FBGA	7.58	6.22
IS42S32400D-7TL1	706-1023-ND	143MHz, 128Mb (4Mx32) SDRAM	86-TSOP	6.34	5.20
IS42S32400E-6TL	706-1069-ND	166MHz, 128Mb (4Mx32) SDRAM	86-TSOP	6.69	5.49
IS42S32800B-7BL	706-1024-ND	143MHz, 256Mb (8Mx32) SDRAM	90-BGA	11.81	9.94
IS42S32800B-7TL	706-1025-ND	143MHz, 256Mb (8Mx32) SDRAM	86-TSOP	10.00	8.41
IS42S32800D-7BL	706-1083-ND	143MHz, 256Mb (8Mx32) SDRAM	90-BGA	11.45	9.63
IS42S32800D-7TL	706-1084-ND	143MHz, 256Mb (8Mx32) SDRAM	86-TSOP	10.00	8.41
IS42S81600E-7TL	706-1067-ND	143MHz, 128Mb (16Mx32) SDRAM	54-TSOP	4.58	3.75
IS42S83200D-7TL	706-1068-ND	143MHz, 256Mb (32Mx32) SDRAM	54-TSOP	8.57	7.03
IS43R16160B-5TL	706-1085-ND	256Mb (16Mx16) DDR SDRAM	66-TSOP	6.51	5.34
IS43R16160B-6TL	706-1086-ND	256Mb (16Mx16) DDR SDRAM	66-TSOP	6.20	5.09

ISSI		SERIAL EEPROM — RoHS Compliant			
ISSI Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*	
				1	25
IS93C66A-2GR1	706-1051-5-ND	4Kb (512x8) Serial EEPROM	8-SOIC	.66	.33

ISSI		SRAM — RoHS Compliant			
ISSI Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*	
				1	25