

AMTEL (Cont.)		PARALLEL EEPROM			
Digi-Key Part No.	Description	Pkg.	Price Each★		
			1	25	100
AT28HC64B-90JU-ND	64K (8Kx8) 5V EEPROM, High Speed, 90ns*	32-PLCC	5.45	4.26	3.86
AT28HC64B-90TU-ND	64K (8Kx8) 5V EEPROM, High Speed, 90ns*	28-TSOP	5.84	4.50	4.03
AT28HC64B-125U-ND	64K (8Kx8) 5V EEPROM, High Speed, 120ns*	28-SOIC	4.93	4.26	3.86
AT28C256-15JU-ND	256K (32Kx8) 5V EEPROM, 150ns*	32-PLCC	7.28	5.84	5.26
AT28C256-15PU-ND	256K (32Kx8) 5V EEPROM, 150ns*	28-Dip	7.28	6.02	5.43
AT28C256-15TU-ND	256K (32Kx8) 5V EEPROM, 150ns*	28-TSOP	7.48	6.02	5.43
AT28C256E-15JU-ND	256K (32Kx8) 5V EEPROM, 150ns*	32-PLCC	7.99	7.01	6.31
AT28C256E-15TU-ND	256K (32Kx8) 5V EEPROM, 150ns*	28-TSOP	7.99	7.01	6.31
AT28C256F-15JU-ND	256K (32Kx8) 5V EEPROM, Fast Write, 150ns*	32-PLCC	7.99	7.01	6.31
AT28C256F-15TU-ND	256K (32Kx8) 5V EEPROM, Fast Write, 150ns*	28-TSOP	7.99	7.01	6.31
AT28HC256-90JU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	32-PLCC	10.62	8.41	7.53
AT28HC256-90SU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	28-SOIC	12.55	7.88	7.65
AT28HC256-12JU-ND	256K (32Kx8) 5V EEPROM, High Speed, 120ns*	32-PLCC	7.62	6.13	5.49
AT28HC256-12SU-ND	256K (32Kx8) 5V EEPROM, High Speed, 120ns*	28-SOIC	7.84	6.31	5.67
AT28HC256-12TU-ND	256K (32Kx8) 5V EEPROM, High Speed, 120ns*	28-TSOP	7.84	6.31	5.67
AT28HC256-90JU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	32-PLCC	14.24	9.92	8.93
AT28HC256-90SU-ND	256K (32Kx8) 5V EEPROM, High Speed, 90ns*	28-SOIC	14.24	9.92	8.93
AT28HC256F-90JU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 90ns*	32-PLCC	11.32	9.92	8.93
AT28HC256F-90SU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 90ns*	28-SOIC	11.68	9.92	8.93
AT28HC256F-90TU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 90ns*	28-TSOP	11.83	9.92	8.93
AT28HC256F-12JU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 120ns*	32-PLCC	19.69	18.94	18.18
AT28HC256F-12SU-ND	256K (32Kx8) 5V EEPROM, HS, Fast Write, 120ns*	28-SOIC	8.17	7.86	7.55
AT28D0010-12JU-ND	1M (128Kx8) 5V EEPROM, 120ns*	32-PLCC	35.35	23.00	20.66
AT28D0010-12TU-ND	1M (128Kx8) 5V EEPROM, 120ns*	32-TSOP	35.71	23.17	20.78

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	4.43	4.39	4.08
AT49BV642T-70TU-ND	64M (4Mx16) 2.7V Flash, 70ns	48-TSOP	5.88	4.39	4.08
Flash Memory: Battery-Voltage Single-Voltage Read and Write					
AT29BV040A-20JU-ND	4M (512Kx8) 2.7V Battery-Voltage Flash, 200ns*	32-PLCC	5.86	4.74	4.06
AT29BV040A-25TC-ND	4M (512Kx8) 2.7V Small Sector Flash, 250ns	32-TSOP	3.55	3.41	3.28
AT49BV8192A-11CI-ND	8M (1Mx8 or 512Kx16) 2.7V Large Sector Flash, 110ns	48-CBGA	12.77	12.28	11.79
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	2.83	2.29	1.96
AT29C010A-70JU-ND	1M (128Kx8) 5V Small Sector Flash, 70ns*	32-PLCC	3.14	2.54	2.18
AT29C020-70JU-ND	2M (256Kx8) 5V Small Sector Flash, 70ns*	32-PLCC	4.17	3.38	2.89
AT29C020-70TU-ND	2M (256Kx8) 5V Small Sector Flash, 70ns*	32-TSOP	4.17	3.38	2.89
AT49F512-70VI-ND	512K (64Kx8) 5V Flash, 70ns	32-VSOP	3.21	3.09	2.97
AT49F512-90VC-ND	512K (64Kx8) 5V Flash, 90ns	32-VSOP	1.39	1.34	1.28
AT49F512-90VI-ND	512K (64Kx8) 5V Flash, 90ns	32-VSOP	2.70	2.60	2.50
AT49F001-55VC-ND	1M (128Kx8) 5V Parametric Flash, 55ns	32-VSOP	4.03	3.88	3.72
AT49F001-55VI-ND	1M (128Kx8) 5V Parametric Flash, 55ns	32-VSOP	4.32	4.16	3.99
AT49F002ANT-55VI-ND	2M (256Kx8) 5V Flash, 55ns*	32-VSOP	98	94	91
AT49F002T-70VC-ND	2M (256Kx8) 5V Parametric Flash, Top Boot, 70ns	32-VSOP	4.26	4.10	3.94
AT49F002T-70VI-ND	2M (256Kx8) 5V Parametric Flash, Top Boot, 70ns	32-VSOP	4.49	4.33	4.15
AT49F040-70VC-ND	4M (512Kx8) 5V Boot Flash, 70ns	32-VSOP	6.95	6.68	6.41
AT49F040-70VI-ND	4M (512Kx8) 5V Boot Flash, 70ns	32-VSOP	8.06	7.75	7.44
AT49F008AT-12TC-ND	8M (1Mx8 or 512Kx16) 5V Large Sector Flash, Top Boot, 120ns	48-TSOP	10.29	9.89	9.50

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	.95	.92	.88
AT45D0011D-SH-B-ND	1M Serial DataFlash, 2.7V*	8-SOIC	.97	.79	.67
AT45D0011D-SH-B-ND	1M Serial DataFlash, 2.7V*	8-SOIC	.97	.79	.67
AT45D0021D-MH-Y-ND	2M Serial DataFlash, 2.7V*	8-QFN	1.57	1.28	.90
AT45D0021D-SH-B-ND	2M Serial DataFlash, 2.7V*	8-SOIC	1.21	.99	.85
AT45D0021D-SH-B-ND	2M Serial DataFlash, 2.7V*	8-SOIC	1.21	.99	.85
AT45D0041D-MU-ND	4M Serial DataFlash, 2.5V*	8-VDFN	1.81	1.46	1.25
AT45D0041D-MU-2.5-ND	4M Serial DataFlash, 2.5V*	8-VDFN	2.05	1.66	1.43
AT45D0041D-SSU-ND	4M Serial DataFlash, 2.7V*	8-SOIC	1.45	1.17	1.01
AT45D0041D-SSU-2.5-ND	4M Serial DataFlash, 2.5V*	8-SOIC	1.57	1.28	1.09
AT45D0041D-SU-ND	4M Serial DataFlash, 2.7V*	8-SOIC	1.45	1.17	1.01
AT45D0041D-SU-2.5-ND	4M Serial DataFlash, 2.5V*	8-SOIC	1.57	1.28	1.09
AT45D0081D-MU-ND	8M Serial DataFlash, 2.7V*	8-QFN	2.18	1.76	1.51
AT45D0081D-SSU-ND	8M Serial DataFlash, 2.7V*	8-SOIC	1.81	1.46	1.25
AT45D0081D-SSU-2.5-ND	8M Serial DataFlash, 2.5V*	8-SOIC	1.93	1.57	1.34
AT45D0081D-SU-ND	8M Serial DataFlash, 2.7V*	8-SOIC	1.81	1.46	1.25
AT45D0081D-SU-2.5-ND	8M Serial DataFlash, 2.5V*	8-SOIC	1.93	1.57	1.34
AT45D1616D-MU-ND	16M Serial DataFlash, 2.7V*	8-QFN	2.77	2.25	1.93
AT45D1616D-MU-2.5-ND	16M Serial DataFlash, 2.5V*	8-QFN	2.97	2.25	1.93
AT45D1616D-SU-ND	16M Serial DataFlash, 2.7V*	8-QFN	2.90	2.34	2.01
AT45D1616D-SU-2.5-ND	16M Serial DataFlash, 2.5V*	8-SOIC	2.54	2.05	1.76
AT45D1616D-TU-ND	16M Serial DataFlash, 2.5V*	8-SOIC	2.66	2.15	1.84
AT45D1616D-TU-2.5-ND	16M Serial DataFlash, 2.5V*	28-TSOP	2.77	2.25	1.93
AT45D3321D-SU-ND	32M Serial DataFlash, 2.7V*	8-SOIC	4.11	3.16	3.04
AT45D8642D-CNU-ND	64M Serial DataFlash, Dual, 2.7V*	8-CASON	6.52	5.27	4.51
AT45D8642D-TU-ND	64M Serial DataFlash, Dual, 2.7V*	28-TSOP	6.88	5.56	4.77

EVERSPIN		MEMORY — RoHS Compliant				
EverSpin Part No.	Digi-Key Part No.	Description	Pkg.	Price Each★		
			1	25	100	
MROA08BY3S5	819-1002-ND	64Kx8-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	16.27	12.91	12.35
MROA16ACY3S5	819-1005-ND	64Kx16-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	22.81	18.10	17.31

EVERSPIN		MEMORY — RoHS Compliant				
EverSpin Part No.	Digi-Key Part No.	Description	Pkg.	Price Each★		
			1	25	100	
MROA16AVY3S5	819-1006-ND	64Kx16-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	25.93	20.58	19.68
MROA16AYS35	819-1007-ND	64Kx16-Bit 3.3V Async. 1MB MRAM 35ns	44-TSOP	20.76	16.47	15.76
MR1A16AVY3S5	819-1009-ND	128Kx16-Bit 3.3V Async. 2MB MRAM 35ns	44-TSOP	32.67	26.62	24.20
MR1A16AYS35	819-1010-ND	128Kx16-Bit 3.3V Async. 2MB MRAM 35ns	44-TSOP	28.09	22.28	21.31
MR2A16ACY3S5	819-1011-ND	256Kx16-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	37.51	30.57	27.79
MR2A16AVY3S5	819-1012-ND	256Kx16-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	42.60	34.72	31.56
MR2A16AYS35	819-1013-ND	256Kx16-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	34.09	27.78	25.25
MROA08ACY3S5	819-1003-ND	512Kx8-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	32.42	26.42	24.02
MROA08AYS35	819-1004-ND	512Kx8-Bit 3.3V Async. 4MB MRAM, 35ns	44-TSOP	30.15	24.57	22.34

ISSI		SDRAM — RoHS Compliant				
ISSI Part No.	Digi-Key Part No.	Description	Pkg.	Price Each★		
			1	25	100	
IS42S16100C1-7TL	706-1016-ND	143MHz, 16Mb (512Kx16) SDRAM	50-TSOP	3.76	2.33	2.05
IS42S16100E-7BL1	706-1070-ND	143MHz, 16Mb (512Kx16) SDRAM	60-BGA	7.24	5.83	5.31
IS42S16100E-7TL	706-1071-ND	143MHz, 16Mb (512Kx16) SDRAM	50-TSOP	3.76	2.33	2.05
IS42S16100E-7TL1	706-1072-ND	143MHz, 16Mb (512Kx16) SDRAM	50-TSOP	4.73	2.45	1.96
IS42S16160B-7BL	706-1017-ND	143MHz, 256Mb (16Mx16) SDRAM	54-FBGA	13.77	9.18	7.65
IS42S16160B-7TL	706-1018-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	11.88	7.75	6.46
IS42S16160B-7TLTR	706-1052-1-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	14.82	10.74	9.55
IS42S16160B-7TLTR1	706-1052-2-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	11816.66	1,500	
IS42S16160B-7BL	706-1073-ND	143MHz, 256Mb (16Mx16) SDRAM	54-BGA	13.35	11.22	10.31
IS42S16160B-7TL	706-1074-ND	143MHz, 256Mb (16Mx16) SDRAM	54-TSOP	12.77	10.48	9.46
IS42S16400D-7TL	706-1019-ND	143MHz, 64Mb (4Mx16) SDRAM	54-TSOP	5.57	2.98	2.49
IS42S16400F-6TL	706-1075-ND	166MHz, 64Mb (4Mx16) SDRAM	54-TSOP	6.03	3.30	2.64
IS42S16400F-6TL1	706-1076-ND	166MHz, 64Mb (4Mx16) SDRAM	54-TSOP	6.85	3.96	3.17
IS42S16400F-7TL	706-1077-ND	143MHz, 64Mb (4Mx16) SDRAM	54-TSOP	5.75	3.66	3.35
IS42S16400F-7TL1	706-1078-ND	143MHz, 64Mb (4Mx16) SDRAM	54-TSOP	5.75	4.62	4.21
IS42S16800D-7TL	706-1020-ND	143MHz, 128Mb (8Mx16) SDRAM	54-TSOP	9.23	7.57	6.83
IS42S16800E-7TL	706-1064-ND	143MHz, 128Mb (8Mx16) SDRAM	54-TSOP	9.12	6.20	5.47
IS42S32160A-75BL	706-1061-ND	133MHz, 512Mb (16Mx32) SDRAM	90-BGA	28.87	22.41	20.92
IS42S32160A-75BL1	706-1062-ND	133MHz, 512Mb (16Mx32) SDRAM	90-BGA	34.95	28.59	25.10
IS42S32200E-7BL1	706-1080-ND	143MHz, 64Mb (2Mx32) SDRAM	90-BGA	10.04	6.28	5.23
IS42S32200F-7TL	706-1081-ND	143MHz, 64Mb (2Mx32) SDRAM	86-TSOP	6.99	4.66	4.17
IS42S32200F-7TL1	706-1082-ND	143MHz, 64Mb (2Mx32) SDRAM	86-TSOP	8.07	5.59	4.94
IS42S32400D-7BL	706-1022-ND	143MHz, 128Mb (4Mx32) SDRAM	90-FBGA	10.96	8.99	8.11
IS42S32400D-7TL	706-1023-ND	143MHz, 128Mb (4Mx32) SDRAM	86-TSOP	10.97	9.00	8.13
IS42S32400E-6TL	706-1069-ND	166MHz, 128Mb (4Mx32) SDRAM	86-TSOP	11.59	7.25	5.80
IS42S32800B-7BL	706-1024-ND	143MHz, 256Mb (8Mx32) SDRAM	90-BGA	19.72	14.34	12.78
IS42S32800B-7TL	706-1025-ND	143MHz, 256Mb (8Mx32) SDRAM	86-TSOP	23.30	14.37	12.67
IS42S32800B-7TL1	706-1083-ND	143MHz, 256Mb (8Mx32) SDRAM	90-BGA	19.19	13.09	10.91
IS42S32800D-7TL	706-1084-ND	143MHz, 256Mb (8Mx32) SDRAM	86-TSOP	17.09	12.43	11.27
IS42S81600E-7TL	706-1067-ND	143MHz, 128Mb (16Mx8) SDRAM	54-TSOP	9.07	7.44	6.71
IS42S83200D-7TL	706-1068-ND	143MHz, 256Mb (32Mx8) SDRAM	54-TSOP	13.34	9.45	8.70
IS43R16160B-5TL	706-1085-ND	256Mb (16Mx16) DDR SDRAM				