

ISSI		SRAM (Continued) — RoHS Compliant		
ISSI Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1 25 100
IS61LV256AL-10JLI	706-1036-ND	256Kb (32Kx8) Low Volt. Async. SRAM.....	28-SOJ	1.60 .95 .85
IS61LV256AL-10TLI	706-1037-ND	256Kb (32Kx8) Low Volt. Async. SRAM.....	28-TSOP	1.60 .95 .85
IS61LV128AL-10TLI	706-1038-ND	4Mb (512Kx8) HS Async. SRAM.....	44-TSOPII	4.99 3.46 3.06
IS61LV616L-10TL	706-1039-ND	1Mb (64Kx16) High Speed Async. SRAM with 3.3V Supply.....	44-TSOPII	2.67 1.80 1.51
IS61LV12816L-10TLI-TR	706-1053-1-ND	2Mb (128Kx16) High Speed Async. SRAM with 3.3V Supply.....	44-TSOPII	4.72 3.31 2.84
IS61LV12816L-10TLI-TR	706-1053-2-ND	2Mb (128Kx16) High Speed Async. SRAM with 3.3V Supply.....	44-TSOPII	2548.26/1,000
IS61WV3216BL-12TLI	706-1057-ND	512Kb (32Kx16) High Speed Async. SRAM.....	48-TSOPII	2.50 1.55 1.37
IS61WV6416BL-12TLI	706-1040-ND	1Mb (64Kx16) HS Async. SRAM.....	44-TSOPII	2.50 1.55 1.37
IS61WV10248BL-10TLI	706-1056-ND	8Mb (1Mx8) HS Async. SRAM.....	48-TSOPII	12.50 9.23 8.49
IS61WV102416BL-10MLI	706-1054-ND	16Mb (1Mx16) HS Async. SRAM.....	48-MBGA	17.93 13.45 12.56
IS61WV102416BL-10TLI	706-1055-ND	16Mb (1Mx16) HS Async. SRAM.....	48-TSOP	17.42 13.07 12.20
IS62C1024AL-35QLI	706-1041-ND	1Mb (128Kx8) LP Async. SRAM.....	32-SOP	2.74 1.70 1.54
IS62C1024AL-35TLI	706-1042-ND	1Mb (128Kx8) LP Async. SRAM.....	32-TSOP	2.74 1.70 1.54
IS62C256AL-45ULI	706-1043-ND	256Kb (32Kx8) LP Async. SRAM.....	28-SOP	1.60 .95 .85
IS62LV256AL-45TLI	706-1044-ND	256Kb (32Kx8) LP Async. SRAM.....	28-TSOP	1.60 .95 .85
IS62WV12816BL-55TLI	706-1045-ND	2Mb (128Kx16) Ultra LP Async. SRAM.....	44-TSOPII	3.05 1.97 1.75
IS62WV1288BL-55HLI	706-1046-ND	1Mb (128Kx8) Ultra LP Async. SRAM.....	32-STSPQ	2.18 1.35 1.19
IS62WV25616BL-55TLI	706-1047-ND	4Mb (256Kx16) Ultra LP Async. SRAM.....	44-TSOPII	5.15 3.73 3.32
IS62WV51216BL-55TLI	706-1048-ND	8Mb (512Kx16) Ultra LP Async. SRAM.....	44-TSOPII	8.17 5.92 5.27
IS63LV1024L-12JL	706-1049-ND	1Mb (128x8) High Speed Async. SRAM 3.3V Revolutionary Pinout.....	32-SOJ	2.76 1.72 1.56

SanDisk		DiskOnChip G4 — RoHS Compliant		
SanDisk Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1
MD8832-D1G-V18-X-P	585-1148-1-ND	MDoc, G4, 1Gb.....	69-FBGA	9.08
MD8832-D1G-V18-X-P	585-1148-2-ND	MDoc, G4, 1Gb.....	69-FBGA	9655.80/1,000

SanDisk		iNAND™ — RoHS Compliant		
SanDisk Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1 25
SDIN2C1-512M	585-1227-ND	iNAND Flash 2.7V-3.6V, 512Mb.....	169-FBGA	9.14 8.69
SDIN2C2-1G	585-1228-ND	iNAND Flash 2.7V-3.6V, 1G.....	169-FBGA	6.99 6.65
SDIN2C2-2G	585-1229-ND	iNAND Flash 2.7V-3.6V, 2G.....	169-FBGA	12.71 12.07

SanDisk		DiskOnChip H3 — RoHS Compliant		
SanDisk Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1
MD2534-D2G-X-P/Y	585-1201-ND	MDoc, H3, 2Gb.....	115-BGA	8.76
SDED7-256M-N9T	585-1211-1-ND	MDoc, H3, 2Gb.....	115-FBGA	15.86
SDED7-256M-N9T	585-1211-2-ND	MDoc, H3, 2Gb.....	115-FBGA	11297.29/1,500

SanDisk		EVALUATION BOARDS AND ADAPTERS		
SanDisk Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1
BGA7X10-ZIF-ADPT	585-1002-ND	Adapter for BGA 7x10.....	—	66.07

winbond		WinPot™ DIGITAL POTENTIOMETER		
Digi-Key Part No.	Description	Pkg.	Price Each* 1 25 100	
WMS7130010M-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 10KΩ.....	8-MSOP	1.87 1.59 1.36	
WMS7130010P-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 10KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7130010S-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 10KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7130050M-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 50KΩ.....	8-MSOP	1.87 1.59 1.36	
WMS7130050P-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 50KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7130050S-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 50KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7130100P-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 100KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7130100S-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 100KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7131010M-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 10KΩ.....	8-MSOP	1.87 1.59 1.36	
WMS7131010P-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 10KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7131010S-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 10KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7131050S-ND	Digital Potentiometer, with Up/Down Interface, 32 Tap, 50KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7131100M-ND	Digital Pot. with Up/Down Interface, 32 Tap, 100KΩ.....	8-MSOP	1.87 1.59 1.36	
WMS7170010M-ND	Digital Pot. with Up/Down Interface, 100 Tap, 10KΩ.....	8-MSOP	1.87 1.59 1.36	
WMS7170010P-ND	Digital Pot. with Up/Down Interface, 100 Tap, 10KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7170050P-ND	Digital Pot. with Up/Down Interface, 100 Tap, 50KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7170050S-ND	Digital Pot. with Up/Down Interface, 100 Tap, 50KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7170100P-ND	Digital Pot. with Up/Down Interface, 100 Tap, 100KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7170100S-ND	Digital Pot. with Up/Down Interface, 100 Tap, 100KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7171010M-ND	Digital Pot. with Up/Down Interface, 100 Tap, 10KΩ.....	8-MSOP	1.87 1.59 1.36	
WMS7171010P-ND	Digital Pot. with Up/Down Interface, 100 Tap, 10KΩ.....	8-Dip	1.87 1.59 1.36	
WMS7171010S-ND	Digital Pot. with Up/Down Interface, 100 Tap, 10KΩ.....	8-SOIC	1.87 1.59 1.36	
WMS7201050P-ND	Digital Potentiometer, 1-Channel, 256 Tap, 50KΩ.....	8-Dip	2.93 2.48 2.13	
WMS7202010P-ND	Digital Potentiometer, 2-Channel, 256 Tap, 10KΩ.....	14-Dip	4.24 3.60 3.09	
WMS7202050P-ND	Digital Potentiometer, 2-Channel, 256 Tap, 50KΩ.....	14-Dip	4.24 3.60 3.09	
WMS7202100P-ND	Digital Potentiometer, 2-Channel, 256 Tap, 100KΩ.....	14-Dip	4.24 3.60 3.09	
WMS7204050P-ND	Digital Potentiometer, 4-Channel, 256 Tap, 50KΩ.....	20-Dip	6.64 5.64 4.83	

winbond		I/O CONTROLLERS		
Digi-Key Part No.	Description	Pkg.	Price Each* 1 25 100	
8736F2-D-ND	LPC SuperI/O, with MIDI and Game Ports, Extended Wake-Up and Protection.....	128-PQFP	3.94 3.13 2.68	
97338F1/C1-ND	ACPI 1.0 and PC98/99 Super I/O.....	100-PQFP	6.64 5.28 4.51	

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winbond		MEMORY — RoHS Compliant		
Digi-Key Part No.	Description	Pkg.	Price Each* 1 25 100	
<b>Flash Memory</b>				
W19B320ABT7H-ND	32M-Bit, Bottom Sector, 70ns.....	48-TSOP	2.85 1.86 1.63	
W19B320AT7H-ND	32M-Bit, Top Sector, 70ns.....	48-TSOP	2.85 1.86 1.63	
<b>Serial Flash</b>				
W25X10AVSNIG-ND	1M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-SOIC	.78 .52 .45	
W25X20AVSNIG-ND	2M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-SOIC	.96 .63 .55	
W25X40AVDAIZ-ND	4M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-Dip	1.35 .89 .78	
W25X40AVSNIG-ND	4M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-SOIC	1.15 .76 .67	
W25X40AVSSIG-ND	4M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-SOIC	1.25 .82 .72	
W25X40AVZPIG-ND	4M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-WSON	1.30 .85 .75	
W25X80AVDAIZ-ND	8M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-Dip	1.53 1.00 .88	
W25X80AVSSIG-ND	8M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-SOIC	1.41 .92 .81	
W25X80AVZPIG-ND	8M-Bit, 3.3V spiFlash® with 4Kb Sectors and Dual Output SPI.....	8-WSON	1.58 1.04 .91	

Melexis		SPECIALIZED INTEGRATED CIRCUITS		
Digi-Key Part No.	Description	Pkg.	Price Each* 1 25 100	
MLX10803KDC-ND	High Power LED Driver*.....	8-SOIC	2.21 1.56 1.08	
MLX75303EXD-ND	Optical Switch Sensor*.....	8-SOIC	1.51 1.08 .87	
MLX75303EXD-ND	Optical Switch Sensor*.....	10-DFN	1.51 1.08 .87	
MLX90217LUA-ND	Hall Effect Geartooth Speed Sensor.....	UA/TO-92 (flat)	5.60 3.20 2.28	
MLX90247-ESF-DSA-ND	Thermopile with On-Chip PTC Thermistor.....	TO-39	12.87 7.62 5.50	
MLX90248ESEC-ND	CMOS Omnipolar™ High Sensitivity Micropower Hall Switch*.....	TSOT-23	1.29 .88 .44	
MLX90248ESETR-ND	CMOS Omnipolar™ High Sensitivity Micropower Hall Switch*.....	TSOT-23	862.49/3,000	
MLX90308LDF-DA-ND	Programmable Sensor Interface.....	16-SOIC	23.41 13.83 8.20	
DK90308-ND	Demo Kit for MLX90308 Sensor Interface with SOIC Socket, Serial Interface Datasheet and Programming Manual (diskette), Software, and (5) 90308 Samples.....	—	119.55 — —	
DK90314-ND	Demo Kit for MLX90314 Sensor Interface with SOIC Socket, Serial Interface Datasheet and Programming Manual (diskette), Software and (5) 90314 Samples.....	—	99.45 — —	
MLX90316EDCCT-ND	Triaxis Rotary Position Sensor*.....	8-SOIC	9.52 5.91 4.14	
MLX90316EDCTR-ND	Triaxis Rotary Position Sensor*.....	8-SOIC	5850.57/2,600	
MLX90316KDCCT-ND	Rotary Position Sensor*.....	8-SOIC	9.84 6.11 4.28	
MLX90316KDCCTR-ND	Rotary Position Sensor*.....	8-SOIC	6049.76/2,600	
MLX90316KDC-PPA-ND	Rotary Position Sensor*.....	8-SOIC	10.23 6.35 4.45	
MLX90316KDC-PPD-ND	Rotary Position Sensor*.....	8-SOIC	10.23 6.35 4.45	
MLX90316KDC-SPI-ND	Rotary Position Sensor*.....	8-SOIC	9.84 6.11 4.28	
EV90316-DC-ND	Evaluation Board for MLX90316-DC.....	—	21.31 — —	
MLX90316EGCCT-ND	Triaxis Rotary Position Sensor*.....	16-TSSOP	18.11 11.25 7.88	
MLX90316EGOTR-ND	Triaxis Rotary Position Sensor*.....	16-TSSOP	17098.72/4,000	
EV90316-GO-ND	Evaluation Board for MLX90316-GO.....	—	21.31 — —	
PTC-04-90316-ND	Programmer for Hall Effect 90316.....	—	1231.20 — —	
MLX90333KDC-ND	3D-Joystick Position Sensor.....	8-SOIC	10.33 6.42 4.50	
MLX90614ESF-AA-ND	5V, Single Zone Infrared Thermometer*.....	TO-39	18.43 10.92 6.46	
MLX90614ESF-BAA-ND	3V, Single Zone Infrared Thermometer*.....	TO-39	18.43 10.92 6.46	
MLX90614ESF-DA-ND	3V, Medical Accuracy, Single Zone Infrared Thermometer*.....	TO-39	21.08 12.49 7.38	
EV90614-ND	Evaluation Board for MLX90614 Infrared Thermometer Module, USB Cable, Software, and (4) 96014 Samples*.....	—	166.62 — —	

SHARP		MEMORY — RoHS Compliant		
Sharp Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1 25 100
F640SPHTTLZ8	425-1878-ND	64M Symmetrical Block Flash, 3.3V, 120ns.....	56-TSOP	6.29 5.57 5.04
F800BJHEPBT19	425-1879-ND	8M Bottom Boot Block Flash, 3.3V, 90ns.....	48-TSOP	4.22 3.74 3.38
F800BJHEPRTL6	425-1880-ND	8M Top Boot Block Flash, 3.3V, 90ns.....	48-TSOP	4.22 3.74 3.38
LHF00L28	425-1885-ND	16M Top Boot Block Flash, 3V, 70ns.....	48-TSOP	2.18 1.91 1.64
LHF00L29	425-1886-ND	16M Bottom Boot Block Flash, 3V, 70ns.....	48-TSOP	2.18 1.91 1.64
LHF00L30	425-1887-ND	16M Top Boot Block Flash, 3V, 70ns.....	48-TSOP	2.63 2.48 2.13
LHF00L31	425-1888-ND	16M Bottom Boot Block Flash, 3V, 70ns.....	48-TSOP	2.63 2.48 2.13
LH2F160B-JHE-TL90	425-1824-ND	16M Top Boot Block Flash, 3.3V, 90ns.....	48-TSOP	12.93 11.47 10.35
LHF00L12	425-1881-ND	32M Top Boot Block Flash, 3V, 70ns.....	48-TSOP	4.55 4.03 3.64
LHF00L13	425-1882-ND	32M Bottom Boot Block Flash, 3V, 70ns.....	48-TSOP	4.55 4.03 3.64
LHF00L14	425-1883-ND	32M Top Boot Block Flash, 3V, 70ns.....	48-TSOP	4.55 4.03 3.64
LHF00L15	425-1884-ND	32M Bottom Boot Block Flash, 3V, 70ns.....	48-TSOP	4.55 4.03 3.64
F640BFHEPBT170A	425-1874-ND	64M Bottom Boot Block Flash, 3.3V, 70ns.....	48-TSOP	9.66 8.56 7.73
F640BFHEPRTLHFA	425-1876-ND	64M Top Boot Block Flash, 3.3V, 70ns.....	48-TSOP	7.62 6.76 6.10
F640BFHEPRTL70A	425-1877-ND	64M Top Boot Block Flash, 3.3V, 70ns.....	48-TSOP	9.66 8.56 7.73
F128BFHEPBT175A	425-1869-ND	128M Bottom Boot Block Flash, 3.3V, 75ns.....	56-TSOP	15.88 12.53 12.07
F128BFHTPTTL75A	425-1870-ND	128M Top Boot Block Flash, 3.3V, 75ns.....	56-TSOP	15.88 12.53 12.07

SHARP		SMALL TFT DISPLAY GSIC/ASIC RoHS Compliant		
Sharp Part No.	Digi-Key Part No.	Description	Pkg.	Price Each* 1 10 100
IR3E3076	425-2714-1-ND	GSIC for LQ03807D003 TFT Display.....	—	5.64 4.24 3.30
IR3E3076	425-2714-2-ND	GSIC for LQ03807D003 TFT Display.....	—	6581.19/2,500
IR3E3126	425-2492-1-ND	Generates Gamma Correction Reference Voltage for TFT LCD Color Monitors.....	20-DFN	5.64 4.24 3.30
IR3E3126	425-2492-2-ND	Generates Gamma Correction Reference Voltage for TFT LCD Color Monitors.....	20-DFN	6581.19/2,500
IR3E3146	425-2493-1-ND	Generates Gamma Correction Reference Voltage for TFT LCD Color Monitors.....	20-DFN	5.64 4.24 3.30
LZ9FC23	425-2496-ND	Timing Control IC for TFT-LCD Module.....	72-DFP	4.70 3.48 2.93
LZ9FD534	425-2495-1-ND	Timing Control IC for TFT-LCD Module.....	28-DFN	4.18 3.66 2.93
LZ9FD534	425-2495-2-ND	Timing Control IC for TFT-LCD Module.....	28-DFN	6617.49/2,500

\* RoHS Compliant