

freescale SMOKE DETECTION			
Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 25 100
MC145012DW-ND	Photoelectric Smoke Detector IC with I/O	16-SOIC	1.87 1.20 1.09

freescale TELECOMMUNICATIONS			
Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 25 100
MC145484DT-ND	5V PCM Codec-Filter	20-TSSOP	2.45 1.58 1.42
MC145484SDCT-ND	5V PCM Codec-Filter	20-SSOP	2.54 1.63 1.48
MCZ33390E-FD	Class B Serial Transceiver*	8-SOIC	2.10 1.28 1.11

EMBEDDED INTEL ARCHITECTURE MICROPROCESSORS

Intel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 10 100
A80C186EC1	802919-ND	25MHz, 16-Bit, 80C186EC MPU, 5V, Extended Temperature	132-CPGA	45.24 40.49 32.75
SB80C186EC13	808819-ND	13MHz, 16-Bit, 80C186EC MPU, 5V, Extended Temperature	100-SQFP	16.34 14.52 11.62
SB80C186XL12	808823-ND	12MHz, 16-Bit, 80C186XL Microprocessor, 5V	80-SQFP	9.17 8.62 6.42
TR80C186XL12	803091-ND	12MHz, 16-Bit, 80C186XL MPU, 5V, Extended Temperature	68-LCC	27.44 24.40 19.52
TN80L186EA13	806072-ND	13MHz, 16-Bit, 80L186EA Enhanced MPU, 3V, Extended Temp.	68-PLCC	11.43 10.75 8.01
SB80L186EB16	806099-ND	16MHz, 16-Bit, 80L186EB Enhanced MPU, 3V, Extended Temp.	80-MQFP	14.07 13.23 9.85
SB80L186EB13	808880-ND	13MHz, 16-Bit, 80L186EB Enhanced MPU, 3V, Extended Temp.	80-SQFP	9.17 8.62 6.42
YW80L186EB13	864163-ND	13MHz, 16-Bit, 80L186EB Enhanced MPU, 3V, Extended Temp.*	80-SQFP	8.62 6.79 5.14
SB80L186EB16	806105-ND	16MHz, 16-Bit, 80L186EB Enhanced MPU, 3V, Extended Temp.	80-SQFP	9.17 8.62 6.42
KU80L186EC13	806111-ND	13MHz, 16-Bit, 80L186EC Enhanced MPU, 3V, Extended Temp.	100-0FP	16.34 15.36 11.44
SB80L186EC16	808881-ND	16MHz, 16-Bit, 80L186EC Enhanced MPU, 3V, Extended Temp.	100-MQFP	15.99 15.04 11.20
SB80L186EC13	809626-ND	13MHz, 16-Bit, 80L186EC Enhanced MPU, 3V, Extended Temp.	100-SQFP	16.34 14.52 11.62
EG80C188EB25	864094-ND	25MHz, 16-Bit, 80C188EB MPU, 5V, Extended Temperature*	80-MQFP	14.07 13.23 9.85
SB80C188EC13	803618-ND	13MHz, 16-Bit, 80C188EC MPU, 5V, Extended Temperature	100-SQFP	16.34 14.52 11.62
YW80C188EC20	864139-ND	20MHz, 16-Bit, 80C188EC MPU, 5V, Extended Temperature*	100-SQFP	16.34 14.52 11.62
A80C188XL25	803884-ND	25MHz, 16-Bit, 80C188XL MPU, 5V, 68-PGA	68-PGA	29.04 27.59 21.06
S80C188XL12	803759-ND	12MHz, 16-Bit, 80C188XL MPU, 5V	80-MQFP	8.33 7.72 5.87
S80C188XL25	808831-ND	25MHz, 16-Bit, 80C188XL MPU, 5V	80-MQFP	8.33 7.72 5.87
SB80C188XL12	803769-ND	12MHz, 16-Bit, 80C188XL MPU, 5V	80-SQFP	10.08 9.47 7.06
N80L188EB16	806163-ND	16MHz, 16-Bit, 80L188EB Enhanced MPU, 3V, Extended Temp.	84-PLCC	12.52 11.78 8.77
SB80L188EC13	806197-ND	13MHz, 16-Bit, 80L188EC Enhanced MPU, 3V, Extended Temp.	100-SQFP	13.34 12.54 9.34
SB80L188EC16	809627-ND	16MHz, 16-Bit, 80L188EC Enhanced MPU, 3V, Extended Temp.	100-SQFP	13.34 12.54 9.34
TS80L188EC13	808882-ND	13MHz, 16-Bit, 80L188EC Enhanced MPU, 3V, Extended Temp.	100-MQFP	15.99 15.04 11.20
NG88C0196EC40	859794-ND	40MHz, 16-Bit MCU with 256Kb on Chip Flash Memory	132-QFP	17.97 15.98 12.78
TG88C0196EC40	859797-ND	40MHz, 16-Bit MCU with 256Kb on Chip Flash Memory Ext. Temp.	132-QFP	18.87 16.78 13.42
A80386DX16	807050-ND	16MHz, 32-Bit, 386DX Processor, 5.0V	132-PGA	36.30 34.49 26.32
A80386DX20	807066-ND	20MHz, 32-Bit, 386DX Processor, 5.0V	132-PGA	36.30 34.49 26.32
A80386DX25	807094-ND	25MHz, 32-Bit, 386DX Processor, 5.0V	132-PGA	36.30 34.49 26.32
NG80386DX20	807082-ND	20MHz, 32-Bit, 386DX Processor, 5.0V	132-QFP	10.71 10.07 7.50
NG80386DX25	807111-ND	25MHz, 32-Bit, 386DX Processor, 5.0V	132-QFP	10.71 10.07 7.50
NG80386DX33	807141-ND	33MHz, 32-Bit, 386DX Processor, 5.0V	132-QFP	10.71 10.07 7.50
KU80386SXA25	800169-ND	25MHz, 32-Bit, 386SX Processor, 5.0V, Extended Temperature	100-QFP	11.62 10.92 8.14
KU80386SXA33	800175-ND	33MHz, 32-Bit, 386SX Processor, 5.0V, Extended Temperature	100-QFP	11.62 10.92 8.14
KU80386SXA40	800183-ND	40MHz, 32-Bit, 386SX Processor, 5.0V, Extended Temperature	100-QFP	11.62 10.92 8.14
NG80386SX33	800353-ND	33MHz, 32-Bit, 386SX Processor, 5.0V	100-QFP	9.44 8.88 6.61
NG80386SXL20	800112-ND	20MHz, 32-Bit, 386SX Processor, 5.0V	100-QFP	11.80 11.09 8.26
NG80386SXL25	800134-ND	25MHz, 32-Bit, 386SX Processor, 5.0V	100-QFP	9.44 8.88 6.61
NG80386SXL33	800149-ND	33MHz, 32-Bit, 386SX Processor, 5.0V	100-QFP	9.44 8.88 6.61
A80486DX2SA50SX912	800940-ND	50MHz, 32-Bit, 486DX2 MPU, 5.0V	168-PGA	41.38 39.32 30.01
SB80486DX2SC50SX920	800952-ND	50MHz, 32-Bit, 486DX2 MPU, 3.3V	208-SQFP	29.60 26.31 21.05
FA80486GSXF33	801241-ND	33MHz, 32-Bit, 486GX MPU, 3.3V	176-TQFP	25.73 22.87 18.30
A80486SXSA33SX931	801301-ND	33MHz, 32-Bit, 486SX MPU, 5.0V	168-PGA	48.28 43.20 34.94
KC80524KX36128SL3C7	822451-ND	366MHz, LP Celeron, 66MHz Bus, 128K L2 Cache, 1.6V	615-BGA	79.54 71.88 64.69
KC80526LY400128SL4J8	830981-ND	400MHz, LP Celeron, 100MHz Bus, 128K L2 Cache, 1.3V	495-BGA	66.21 59.25 47.92
KC80526LY400128SL544	833480-ND	400MHz, Celeron, 100MHz Bus, 128K L2 Cache, 1.35V	495-BGA	62.07 55.54 44.93

Intel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 10 100
RB80526RX733128SL52Y	833440-ND	733MHz, Celeron, 66MHz Bus, 128K L2 Cache, 1.7V	370-FC-PGA	48.28 43.20 34.94
RB80526RY850128SL54Q	833470-ND	850MHz, Celeron, 100MHz Bus, 128K L2 Cache, 1.75V	370-PGA	48.28 43.20 34.94
LF80538KF0281M	884318-ND	1.66GHz Celeron Processor for Embedded Computing*	478-PGA	96.41 87.12 78.41
RK80532RC041128SL6VR	852181-ND	2GHz Celeron Processor	478-FC-PGA2	41.38 37.03 29.95
HH80557RG041512	886890-ND	2GHz Celeron Processor*	775-LGA	55.18 49.37 39.93
LE80536VC001512	871728-ND	1GHz Celeron M ULV Processor*	479-BGA	83.16 75.15 67.63
LE80538VE0041M	883549-ND	1.06GHz Celeron M Proc. 533MHz Bus, 1Mb L2 Cache*	479-BGA	131.59 124.79 117.98
LE80538NC013512	870148-ND	1.3GHz Celeron M Proc.*	478-BGA	62.07 55.54 44.93
LE80538NC0211M	872115-ND	1.5GHz Celeron M Proc.*	479-BGA	78.34 70.79 63.71
LE80538NE0361M	884036-ND	1.86GHz Celeron M Proc. 533MHz Bus, 1Mb L2 Cache*	479-BGA	96.41 87.12 78.41
LF80538NE0361M	883490-ND	1.86GHz Celeron M Proc. 533MHz Bus, 1Mb L2 Cache*	478-BGA	96.41 87.12 78.41
GC80503CS166EXTSL388	822631-ND	166MHz, Pentium I with MMX, 66MHz Bus, 1.8V, Low Power	352-BGA	55.18 49.37 39.93
GC80503CSM66166SL388	821225-ND	166MHz, Pentium I with MMX, 66MHz Bus, 1.9V	352-BGA	55.18 49.37 39.93
KC80526LY400256SL546	833482-ND	400MHz, LP Pentium III, 100MHz Bus, 256K L2 Cache, 1.35V	495-BGA	90.39 81.68 73.51
RB80526PY600256SL5BT	834318-ND	600MHz, Pentium III, 100MHz Bus, 256K L2 Cache, 1.75V	370-FC-PGA	90.39 81.68 73.51
RB80526PY700256SL4ZM	833747-ND	700MHz, Pentium III, 100MHz Bus, 256K L2 Cache, 1.75V	370-FC-PGA	90.39 81.68 73.51
RB80526PY850256SL4Z2	833400-ND	850MHz, Pentium III, 100MHz Bus, 256K L2 Cache, 1.75V	370-FC-PGA	90.39 81.68 73.51
RB80526P2001256SL52R	833416-ND	1.0GHz, Pentium III, 100MHz Bus, 256K L2 Cache, 1.75V	370-PGA	96.41 87.12 78.41
RB80526PY001256SL5QV	836655-ND	1.0GHz, Pentium III, 100MHz Bus, 256K L2 Cache, 1.75V	370-FC-PGA	96.41 87.12 78.41
RJ80530KC933512S L69K	849162-ND	933MHz, Pentium III, 133MHz Bus, 512K L2 Cache, 1.15V	470-uFC-BGA	213.70 202.65 191.60
RH80532GC029512SL6V6	852229-ND	1.7GHz, Pentium 4	478-MFC-PGA	174.75 165.71 156.68
RH80532PE056512SL6PC	850158-ND	2.4GHz, Pentium 4, 400MHz Bus, 512K L2 Cache, 1.5V	478-uFC-BGA	78.34 70.79 63.71
RK80532PC064512SL6PP	850365-ND	2.6GHz, Pentium 4, Front Side Bus, 400MHz	478-FC-PGA2	78.34 70.79 63.71
NE80546PG0801M	872636-ND	3GHz, Pentium 4, 800MHz Bus, with Hyper Threading*	478-PGA	78.34 70.79 63.71
HH80547PG0961MM	880712-ND	3.4GHz, Pentium 4, 800MHz Bus, with Hyper Threading*	775-LGA	114.74 106.84 102.88
RJ80536LC0051MSL6NC	851287-ND	1.1GHz, Pentium M	478-MFC-PGA	248.95 239.73 230.51
RH80532GC029512S L6FG	848089-ND	1.7GHz, Pentium 4 Mobile, 400MHz Bus, 512K L2 Cache, 1.3V	478-uFC-BGA	174.75 165.71 156.68
RK80532EC025512SL6XK	852509-ND	1.6GHz, Xeon LV	604-FC-mPGA-2P	210.54 199.65 188.76
RK80532EC041512SL6XL	852510-ND	2GHz, Xeon LV	604-FC-mPGA-2P	215.80 204.65 193.48
RK80532KE056512SL73L	854163-ND	2.4GHz, Xeon	604-FC-mPGA-2P	204.22 193.67 183.10
NE80546EG0721M	873425-ND	2.8GHz, Xeon 64-Bit, LV*	478-PGA	246.99 237.84 228.69
NE80546KG0881M	872548-ND	3.2GHz, Xeon 64-Bit*	604-PGA	300.89 289.75 278.61

STRONG ARM® PROCESSOR

Intel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 10 100
21281DB	821351-ND	166MHz, Strong Arm SA-110 Microprocessor	144-TQFP	24.10 21.42 17.14

NETWORK PROCESSORS

Intel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 10 100
GCIXP1200EB	829764-ND	2V, 200MHz, Network Processor	432-BGA	199.38 189.07 178.76
GCIXP1200FC	833956-ND	2V, 232MHz, Network Processor	432-BGA	249.14 239.92 230.69
GCIXP1200GA	839427-ND	2V, 166MHz, Network Processor	432-BGA	152.22 144.35 136.48
GCIXP1200GB	839428-ND	2V, 200MHz, Network Processor	432-BGA	199.38 189.07 178.76
GCIXP1200GC	839429-ND	2V, 232MHz, Network Processor	432-BGA	249.14 239.92 230.69
GCIXP1240AA	837150-ND	2V, 166MHz, Network Processor with CRC Support	432-BGA	204.64 194.06 183.48
GCIXP1240AB	837151-ND	2V, 200MHz, Network Processor with CRC Support	432-BGA	251.91 238.89 225.86
GCIXP1250BA	837411-ND	2V, 166MHz, Network Processor with CRC and ECC Support	520-BGA	215.17 204.05 192.92
GCIXP1250BB	837412-ND	2V, 200MHz, Network Processor with CRC and ECC Support	520-BGA	262.33 248.77 235.20
GCIXP1250BC	837414-ND	2V, 232MHz, Network Processor with CRC and ECC Support	520-BGA	307.75 296.36 284.96
NHIXP430AC	885691-ND	400MHz IXP430 Network Processor*	460-BGA	17.50 15.56 12.45
NHIXP430ACT	893005-ND	400MHz IXP430 Network Processor*	460-BGA	20.73 18.43 14.75
NHIXP430AD	885692-ND	533MHz IXP430 Network Processor*	460-BGA	27.05 24.05 19.24
NHIXP430AE	885693-ND	667MHz IXP430 Network Processor*	460-BGA	31.56 28.06 22.45

I/O PROCESSORS

Intel Part No.	Digi-Key Part No.	Description	Pkg.	Price Each ★ 1 10 100
GC80303 S L57T	833962-ND	100MHz, 3.3V, I/O Processor, 64-Bit PCI-PCI Bridge	540-BGA	92.07 83.20 74.88
GC80960RM100SL3YZ	827794-ND	100MHz, 3.3V, I/O Processor, 32-Bit PCI-PCI Bridge	540-BGA	74.50 67.33 60.59

*RoHS Compliant

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