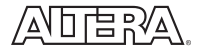


ALTERA Configuration PROMs, Dev Tools and FPGAs



now part of Intel

CONFIGURATION DEVICES FOR SRAM-BASED LUT DEVICES

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Altera Part No. | Package | Programmable Type | Memory Size (Kb) | Supply Voltage (V) | Temperature Range (°C) | Price Each |
|------------------------|-----------------|----------|------------------------|------------------|--------------------|------------------------|------------|
| PROMs for FPGAs | | | | | | | |
| 989-EPC1441LC20N | EPC1441LC20N | PLCC-20 | OTP | 440 | 3.3, 5 | 0 to 70 | 4.02 |
| 989-EPC1441TC32N | EPC1441TC32N | TQFP-32 | OTP | 440 | 3.3, 5 | 0 to 70 | 4.54 |
| 989-EPC16QC100N | EPC16QC100N | PQFP-100 | In System Programmable | 16000 | 3.3 | 0 to 70 | 59.00 |
| 989-EPC16QH100N | EPC16QH100N | PQFP-100 | In System Programmable | 16000 | 3.3 | -40 to 85 | 80.00 |
| 989-EPC16UC88N | EPC16UC88N | UBGA-88 | In System Programmable | 16000 | 3.3 | 0 to 70 | 87.00 |
| 989-EPC1LC20N | EPC1LC20N | PLCC-20 | OTP | 1000 | 3.3, 5 | 0 to 70 | 12.50 |
| 989-EPC1P18N | EPC1P18N | DIP-8 | OTP | 1000 | 3.3, 5 | -40 to 85 | 15.50 |
| 989-EPC2LC20N | EPC2LC20N | PLCC-20 | In System Programmable | 1600 | 3.3, 5 | 0 to 70 | 33.50 |
| 989-EPC2LI20N | EPC2LI20N | PLCC-20 | In System Programmable | 1600 | 3.3, 5 | -40 to 85 | 45.00 |
| 989-EPC2TC32N | EPC2TC32N | TQFP-32 | In System Programmable | 1600 | 3.3, 5 | 0 to 70 | 37.50 |
| 989-EPC2TI32N | EPC2TI32N | TQFP-32 | In System Programmable | 1600 | 3.3, 5 | -40 to 85 | 52.50 |
| 989-EPC8QC100N | EPC8QC100N | PQFP-100 | In System Programmable | 8000 | 3.3 | 0 to 70 | 45.00 |
| Serial EPCs | | | | | | | |
| 989-EPCS128SI16N | EPCS128SI16N | SOIC-16 | In System Programmable | 134000 | 3.3 | -40 to 85 | 55.20 |
| 989-EPCS16SI8N | EPCS16SI8N | SOIC-8 | In System Programmable | 16000 | 3.3 | -40 to 85 | 16.96 |
| 989-EPCS1SI8N | EPCS1SI8N | SOIC-8 | In System Programmable | 1000 | 3.3 | -40 to 85 | 4.02 |
| 989-EPCS4SI8N | EPCS4SI8N | SOIC-8 | In System Programmable | 4000 | 3.3 | -40 to 85 | 14.95 |
| 989-EPCS64SI16N | EPCS64SI16N | SOIC-16 | In System Programmable | 64000 | 3.3 | -40 to 85 | 37.37 |

DEVELOPMENT TOOLS AND SOFTWARE

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Altera Part No. | Description | Contents | Price Each |
|----------------------|-------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------|
| 989-DK-CYCII-2C20N | DK-CYCII-2C20N | Cyclone II Starter Kit EP2C20N | Dev Board, Quartus®II Web Edition, Nios®II Web Edition, Cables, Accessories, Reference Designs and Demos | 211.25 |
| 989-DK-DEV-3C120N | DK-DEV-3C120N | Cyclone III EP3C120 Dev Kit | Development Board, Universal Power Supply, Cables and Software Board | 1195.00 |
| 989-DK-DEV-3CLS200N | DK-DEV-3CLS200N | Cyclone III LS EP3CLS200 Dev Kit | | 3495.00 |
| 989-DK-DSP-3C120N | DK-DSP-3C120N | Cyclone III DSP Dev Board | | 1595.00 |
| 989-DK-START-3C25N | DK-START-3C25N | Cyclone III EP3C25 Starter Kit | Dev Board, Quartus®II Web Edition, User Guide, Ref. Manual, Schematic, Layout, BOM, etc. | 211.25 |
| 989-DK-START-4CGX15N | DK-START-4CGX15N | Cyclone IV GX Starter Kit | Board, Cables, Power Supply | 417.50 |
| 989-DK-DEV-4CGX150N | DK-DEV-4CGX150N | Cyclone IV GX Dev Kit | | 1295.00 |
| 989-DK-DEV-5CGTD9N | DK-DEV-5CGTD9N | Cyclone V GT FPGA 5CGTDFD9E5F35 Dev Kit | Boards, Daughter Card, Power Supply, and Cables | 1299.00 |
| 989-DK-START5AGXB3N | DK-START-5AGXB3N | Arria V Starter Kit | Board, Cable | 850.00 |
| 989-DK-DEV-2AGX125N | DK-DEV-2AGX125N | Arria II GX FPGA 2AGX125 Dev Kit | Board, Cables, CD, DVD, Power Supply | 1495.00 |
| 989-DK-DEV-2AGX260N | DK-DEV-2AGX260N | Arria II GX FPGA 2AGX260 with 6.375G TX Dev Kit | Board, Cables, CD, DVD, Power Supply | 3195.00 |
| 989-DK-DEV-3SL150N | DK-DEV-3SL150N | Stratix III Development Kit | Development Platform, Cables and Software | 2495.00 |
| 989-DK-DEV-4SGX530N | DK-DEV-4SGX530N | Stratix IV GX Dev Kit | Board, Cable, Documentation, Power Supply | 5995.00 |
| 989-DK-DEV-4SGX230N | DK-DEV-4SGX230N | Stratix IV Development Kit | Development Board, Universal Power Supply, Cables and Software | 4495.00 |
| 989-DK-DEV-5SGSMD5N | DK-DEV-5SGSMD5N | Stratix V DSP Dev Kit | 2 Boards, Cable, Power Supply | 6995.00 |
| 989-DK-DEV-5SGXEA7N | DK-DEV-5SGXEA7N | Stratix V FPGA 5SGXEA7 Dev Kit | Board | 6995.00 |
| 989-DK-SI-4SGX230N | DK-SI-4SGX230N | Stratix IV GX 4S 4SGX230N/G2 Dev Kit | Board, Cables, CD, Power Supply | 2995.00 |
| 989-DK-VIDEO4SGX230N | DK-VIDEO-4SGX230N | Stratix IV EP4SGX230 Video Kit | Board, Daughter Card, Cables, CD, DVD, Power Supply | 4995.00 |
| 989-DK-DEV-5CSXC6N | DK-DEV-5CSXC6N | Stratix V GX FPGA Development Kit | Boards, Cables | 4995.00 |
| 989-DK-MAXII-1270N | DK-MAXII-1270N | Max II with EPM 1270N Dev Kit | Dev Board, Quartus®II Web Edition, Nios®II Web Edition, Cables, Accessories, Reference Designs and Demos | 162.50 |
| 989-DK-DEV-5M570Z | DK-DEV-5M570Z | Max V 5M570Z Dev Kit | Board, Cable(s), Software and Documentation | 74.95 |
| 989-DK-DEV-10M50-A | DK-DEV-10M50-A | MAX 10 FPGA Development Kit | MAX10 Development Board, Power Supply Boards, Cables, Software, and Documentation | 199.00 |

PROGRAMMERS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Altera Part No. | Description | Price Each |
|----------------------|--------------------|---------------------------------------------|------------|
| 989-PL-BYTEBLASTER2N | PL-BYTEBLASTER2N | ByteBlaster Programmer, Parallel Port | 150.00 |
| 989-PL-ETH2-BLASTER | PL-ETH2-BLASTER | Ethernet Blaster Ethernet Cable Programming | 450.00 |
| 989-PLUSBBLASTERRCN | PL-USB-BLASTER-RCN | USB-Blaster USB Programmer | 300.00 |

SOFTWARE

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Altera Part No. | Description | Price Each |
|----------------------|--------------------|--------------------------------|------------|
| 989-SW-MODELSIM-AE | SW-MODELSIM-AE | ModelSim Software | 1995.00 |
| 989-SW-QUARTUSSEFIX | SW-QUARTUS-SE-FIX | Quartus II Annual Subscription | 2995.00 |
| 989-SW-QUARTUSSEFLT | SW-QUARTUS-SE-FLT | Quartus Sub | 3995.00 |
| 989-SWR-QUARTUSSEFIX | SWR-QUARTUS-SE-FIX | Quartus Sub | 2495.00 |
| 989-SWR-QUARTUSSEFLT | SWR-QUARTUS-SE-FLT | Quartus Sub | 3295.00 |

ARRIA V GX FAMILY

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Altera Part No. | Package | Logic Elements | Number of I/Os | Memory Size (Kb) | Supply Voltage (V) | Operating Frequency (Max.) (MHz) | Temperature Range (°C) | Price Each |
|---------------------|-----------------|-----------|----------------|----------------|------------------|--------------------|----------------------------------|------------------------|------------|
| 989-5AGXFB3H4F40C5N | 5AGXFB3H4F40C5N | FBGA-1517 | 13688 | 704 | 19358 | 1.2 to 1.8 | 800 | 0 to 70 | 1653.80 |
| 989-5AGXFA5H4F35I5N | 5AGXFA5H4F35I5N | FBGA-1152 | 190000 | 544 | 12973 | 0.85 to 1.15 | 800 | -40 to 100 | 965.52 |
| 989-5AGXMB1G4F35C4N | 5AGXMB1G4F35C4N | FBGA-1152 | 300000 | 544 | 16952 | 0.85 to 1.15 | 800 | 0 to 85 | 1278.72 |
| 989-5AGXFB3H4F35I5N | 5AGXFB3H4F35I5N | FBGA-1152 | 362000 | 544 | 19358 | 0.85 to 1.15 | 800 | -40 to 100 | 1825.80 |

CYCLONE FAMILY

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Altera Part No. | Package | Speeds | Number of LABs/CLBs | # of Logic Elements/Cells | Embedded Memory (Kbits) | Number of I/Os | PLLs | Supply Voltage (V) | Temperature Range (°C) | Price Each |
|-------------------|-----------------|----------|--------|---------------------|---------------------------|-------------------------|----------------|------|--------------------|------------------------|------------|
| 989-EP1C3T100C6N | EP1C3T100C6N | TQFP-100 | -6 | 291 | 2910 | 4 | 65 | 1 | 1.425 to 1.575 | 0 to 85 | 18.40 |
| 989-EP1C3T100I7N | EP1C3T100I7N | TQFP-100 | -7 | 291 | 2910 | 4 | 65 | 1 | 1.425 to 1.575 | -40 to 100 | 18.40 |
| 989-EP1C3T144C6N | EP1C3T144C6N | TQFP-144 | -6 | 291 | 2910 | 4 | 104 | 1 | 1.425 to 1.575 | 0 to 85 | 21.16 |
| 989-EP1C3T144C7N | EP1C3T144C7N | TQFP-144 | -7 | 291 | 2910 | 4 | 104 | 1 | 1.425 to 1.575 | 0 to 85 | 16.90 |
| 989-EP1C4F324C8N | EP1C4F324C8N | FBGA-324 | -8 | 400 | 4000 | 4 | 249 | 2 | 1.425 to 1.575 | 0 to 85 | 22.08 |
| 989-EP1C4F400C8N | EP1C4F400C8N | FBGA-400 | -8 | 400 | 4000 | 4 | 301 | 2 | 1.425 to 1.575 | 0 to 85 | 26.56 |
| 989-EP1C6F256I7N | EP1C6F256I7N | FBGA-256 | -7 | 598 | 5980 | 4 | 185 | 2 | 1.425 to 1.575 | -40 to 100 | 37.26 |
| 989-EP1C6Q240C7N | EP1C6Q240C7N | QFP-240 | -7 | 598 | 5980 | 4 | 185 | 2 | 1.425 to 1.575 | 0 to 85 | 26.10 |
| 989-EP1C6Q240I7N | EP1C6Q240I7N | QFP-240 | -7 | 598 | 5980 | 4 | 185 | 2 | 1.425 to 1.575 | -40 to 100 | 32.66 |
| 989-EP1C6T144C8N | EP1C6T144C8N | TQFP-144 | -8 | 598 | 5980 | 4 | 98 | 2 | 1.425 to 1.575 | 0 to 85 | 20.12 |
| 989-EP1C6T144I7N | EP1C6T144I7N | TQFP-144 | -7 | 598 | 5980 | 4 | 98 | 2 | 1.425 to 1.575 | -40 to 100 | 30.24 |
| 989-EP1C12F256I7N | EP1C12F256I7N | FBGA-256 | -7 | 1206 | 12060 | 4 | 185 | 2 | 1.425 to 1.575 | -40 to 100 | 64.40 |
| 989-EP1C12F324I7N | EP1C12F324I7N | FBGA-324 | -7 | 1206 | 12060 | 4 | 249 | 2 | 1.425 to 1.575 | -40 to 100 | 67.50 |
| 989-EP1C12Q240C6N | EP1C12Q240C6N | QFP-240 | -6 | 1206 | 12060 | 4 | 173 | 2 | 1.425 to 1.575 | 0 to 85 | 61.18 |