



Altera (Intel® Programmable Solutions Group)



HC1S60F1020BL

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HC1S60F1020BL                                                                                                        |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                         |
| Product description | IC FPGA APEX 1020FBGA                                                                                                |
| Datasheets:         |  <a href="#">HC1S60F1020BL.pdf</a>  |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5318 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of HC1S60F1020BL

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HC1S60F1020BL                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                          |
| DESCRIPTION                      | IC FPGA APEX 1020FBGA                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |
| QUANTITY AVAILABLE               | 5318 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">HC1S60F1020BL.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                     |
| TOTAL RAM BITS                   | 5215104                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 1020-FBGA (33x33)                                                                                                     |
| SERIES                           | Stratix® HardCopy®                                                                                                    |
| PACKAGE / CASE                   | 1020-BBGA                                                                                                             |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 57120                                                                                                                 |
| NUMBER OF LABS/CLBS              | 5712                                                                                                                  |
| NUMBER OF I/O                    | 782                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |

Related Tags

|                                                            |                                                       |                                                                |
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Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
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|  <div><b>HC1S60F1020</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 3086 pcs</div> <div>RFQ</div>   |  <div><b>HC1S60F1020CB</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 4860 pcs</div> <div>RFQ</div> |
|  <div><b>HC1S60F1020N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 4715 pcs</div> <div>RFQ</div>  |  <div><b>HC1S60F1020BQ</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 5967 pcs</div> <div>RFQ</div> |
|  <div><b>HC1S60F1020AG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 2986 pcs</div> <div>RFQ</div> |  <div><b>HC1S60F1020CA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 3536 pcs</div> <div>RFQ</div> |
|  <div><b>HC1S40F780NAJ</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 780FBGA<br/>In stock: 4095 pcs</div> <div>RFQ</div>  |  <div><b>HC1S40F780NAM</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 780FBGA<br/>In stock: 3397 pcs</div> <div>RFQ</div>  |
|  <div><b>HC1S40F780NAK</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 780FBGA<br/>In stock: 6927 pcs</div> <div>RFQ</div>  |  <div><b>HC1S40F780NAL</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 780FBGA<br/>In stock: 4254 pcs</div> <div>RFQ</div>  |
|  <div><b>HC1S60F1020BY</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 5300 pcs</div> <div>RFQ</div> |  <div><b>HC1S60F1020BM</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA APEX 1020FBGA<br/>In stock: 3370 pcs</div> <div>RFQ</div> |