

Altera (Intel® Programmable

Solutions Group)

## HC1S60F1020BQ

|                      |  |
|----------------------|--|
| Part Number:         | HC1S60F1020BQ                                |
| Manufacturer/Brand:  | Altera (Intel® Programmable Solutions Group) |
| Product description: | IC FPGA APEX 1020FBGA                        |
| Datasheets:          | <a href="#">HC1S60F1020BQ.pdf</a>            |
| RoHS Status:         | Contains lead / RoHS non-compliant           |
| Stock Condition:     | 5967 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 HC1S60F1020BQ

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | HC1S60F1020BQ                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group) |
| DESCRIPTION                      | IC FPGA APEX 1020FBGA                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant           |
| QUANTITY AVAILABLE               | 5967 pcs                                     |
| DATA SHEET                       | <a href="#">HC1S60F1020BQ.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

|  |   |  |
|--|---|--|
| <a href="#">Altera (Intel® Programmable Solutions Group) HC1S60F1020BQ</a> | <a href="#">HC1S60F1020BQ Distributor</a>                             | <a href="#">HC1S60F1020BQ Supplier</a>   |
| <a href="#">HC1S60F1020BQ Price</a>  | <a href="#">HC1S60F1020BQ Pictures</a>                                | <a href="#">HC1S60F1020BQ Image</a>  |
| <a href="#">HC1S60F1020BQ PDF Datasheet</a>                                | <a href="#">HC1S60F1020BQ Download Datasheet</a>                      | <a href="#">HC1S60F1020BQ Datasheet</a>  |
| <a href="#">HC1S60F1020BQ Stock</a>  | <a href="#">Buy HC1S60F1020BQ</a>                                     | <a href="#">Buy Altera (Intel® Programmable Solutions Group) HC1S60F1020BQ</a> |
| <a href="#">Altera (Intel® Programmable Solutions Group) HC1S60F1020BQ</a> | <a href="#">Altera (Intel® Programmable Solutions Group) Supplier</a> | <a href="#">Altera (Intel® Programmable Solutions Group) Distributor</a>       |
| <a href="#">Altera (Intel® Programmable Solutions Group) HC1S60F1020BQ</a> | <a href="#">Altera HC1S60F1020BQ</a>                                  | <a href="#">Altera (Intel® Programmable Solutions Group) HC1S60F1020BQ</a>     |

### Related Products

|   |  |
|---|--|
| <p><b>HC1S60F1020BY</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 5300 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  | <p><b>HC1S40F780NAL</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 780FBGA<br/>                 In stock: 4254 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  |
| <p><b>HC1S60F1020AG</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 2986 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  | <p><b>HC1S60F1020NB</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 3255 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p> |
| <p><b>HC1S60F1020</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 3086 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>    | <p><b>HC1S60F1020N</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 4715 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  |
| <p><b>HC1S60F1020BM</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 3370 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  | <p><b>HC1S60F1020CB</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 4860 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p> |
| <p><b>HC1S60F1020CA</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 3536 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  | <p><b>HC1S60F1020BL</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 5318 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p> |
| <p><b>HC1S60F1020NAM</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 1020FBGA<br/>                 In stock: 4151 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p> | <p><b>HC1S40F780NAM</b><br/>                 Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>                 Description: IC FPGA APEX 780FBGA<br/>                 In stock: 3397 pcs<br/> <a href="#" style="background-color: #ccc; padding: 2px 5px; font-weight: bold;">RFQ</a></p>  |