

EP20K200CQ208C7ES



Part Number: [EP20K200CQ208C7ES](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA

Data sheet:  [APEX 20KC Datasheet](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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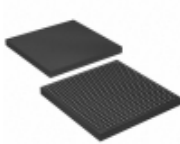
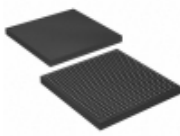
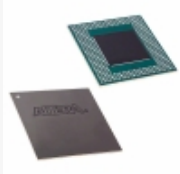
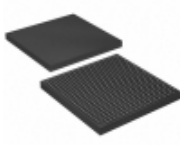
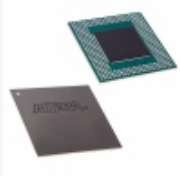
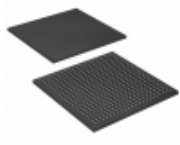
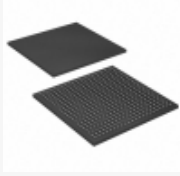
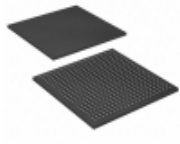
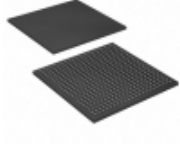
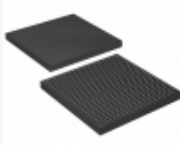
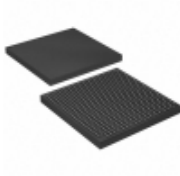
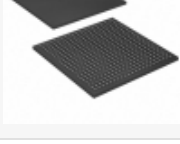
Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER              |                                           |                                  |                                                              |
|--------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                    | EP20K200CQ208C7ES                         | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a> |
| Description                    | IC FPGA                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available             | 4108 pcs                                  | Data sheet                       | <a href="#">APEX 20KC Datasheet</a>                          |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.71 V ~ 1.89 V                                              |
| Total RAM Bits                 | 106496                                    | Supplier Device Package          | 208-PQFP (28x28)                                             |
| Series                         | APEX-20KC®                                | Package / Case                   | 208-BFQFP                                                    |
| Operating Temperature          | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 8320                                                         |
| Number of LABs/CLBs            | 832                                       | Number of I/O                    | 136                                                          |
| Number of Gates                | 526000                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                |                                  |                                                              |

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| RELATED PRODUCTS                                                                   |                                                                                 |                                                                             |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">EP20K200CQ240C7</a><br>Description: IC FPGA 168 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF672C9</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EBC356-1</a><br>Description: IC FPGA 271 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF672C8</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EBC356-2</a><br>Description: IC FPGA 271 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF484C8ES</a><br>Description: IC FPGA                | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF484C9</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF484C8</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EP20K200EBC356-1X</a><br>Description: IC FPGA 271 I/O 356BGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CQ240C9</a><br>Description: IC FPGA 168 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF484I8</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200CF672C7</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EP20K200EBC356-1N</a><br>Description: IC FPGA 271 I/O 356BGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                        |                                              |                                              |                                              |
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| Related keywords for EP20K200CQ208C7ES |                                              |                                              |                                              |
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