

EP20K200EFC672-1



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See Product Specifications for product details.  
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Request For Quotation



Part Number: EP20K200EFC672-1

Manufacturer: Intel® FPGAs

Description: IC FPGA 376 I/O 672FBGA

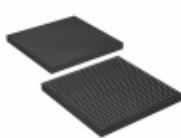
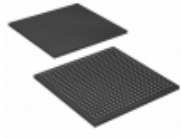
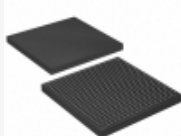
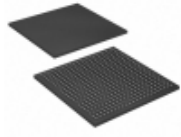
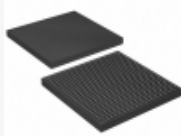
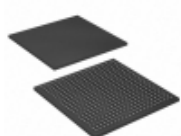
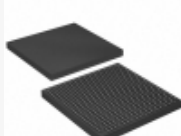
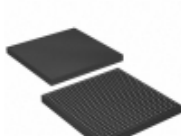
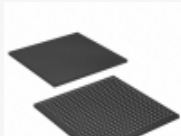
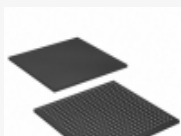
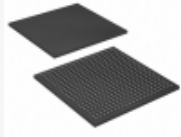
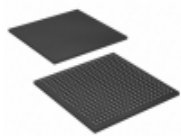
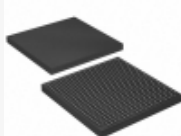
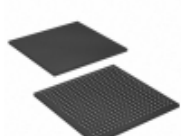
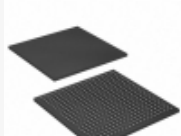
Data sheet:  [APEX 20K Family Datasheet](#)  
 [672-FBGA Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | EP20K200EFC672-1                          | Manufacturer                   | <a href="#">Intel® FPGAs</a>                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 376 I/O 672FBGA                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4102 pcs                                  | Data sheet                     | <a href="#">APEX 20K Family Datasheet</a><br><a href="#">672-FBGA Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.71 V ~ 1.89 V                                                                                                                       |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                        | 106496                                    | Supplier Device Package        | 672-FBGA (27x27)                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | APEX-20KE®                                | Package / Case                 | 672-BBGA                                                                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells | 8320                                                                                                                                  |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                   | 832                                       | Number of I/O                  | 376                                                                                                                                   |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                       | 526000                                    | Mounting Type                  | Surface Mount                                                                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | EP20K200                                  |                                |                                                                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 4102 pieces of Intel® FPGAs EP20K200EFC672-1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                                             |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EP20K200EFC672-1N</a><br>Description: IC FPGA 376 I/O 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EQC208-1</a><br>Description: IC FPGA 136 I/O 208QFP    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-1N</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC672-2</a><br>Description: IC FPGA 376 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFI484-3</a><br>Description: IC FPGA                   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-2AA</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-3N</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFI672-2X</a><br>Description: IC FPGA 376 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-2</a><br>Description: IC FPGA 376 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC672-3</a><br>Description: IC FPGA 376 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC672-1X</a><br>Description: IC FPGA 376 I/O 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-1X</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-2AB</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-2XN</a><br>Description: IC FPGA 376 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EQC208-1X</a><br>Description: IC FPGA 136 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-2X</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFI484-2X</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC672-2X</a><br>Description: IC FPGA 376 I/O 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-2N</a><br>Description: IC FPGA 376 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K200EFC484-3</a><br>Description: IC FPGA 376 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |

Related keywords for EP20K200EFC672-1

|                                     |                              |                           |                        |
|-------------------------------------|------------------------------|---------------------------|------------------------|
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