

EP20K100FC196-2X



Part Number: [EP20K100FC196-2X](#)

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

Description: IC FPGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

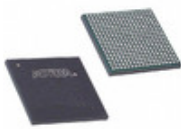
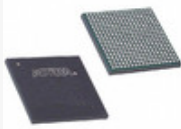
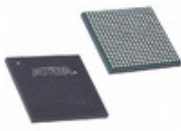
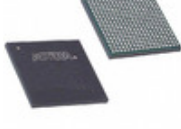
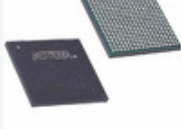
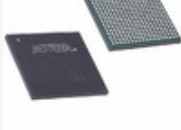
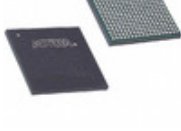
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy EP20K100FC196-2X with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EP20K100FC196-2X                          | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5496 pcs                                  | Data sheet                       |                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2.375 V ~ 2.625 V                                            |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 53248                                     | Supplier Device Package          | 196-BGA                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | APEX-20K®                                 | Package / Case                   | 196-BGA                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 4160                                                         |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 416                                       | Number of Gates                  | 263000                                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                |                                  |                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 5496 pieces of Altera (Intel® Programmable Solutions Group) EP20K100FC196-2X 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="#">EP20K100FC196-2</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC144-1X</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-2X</a><br>Description: IC FPGA 252 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-1V</a><br>Description: IC FPGA 252 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-2</a><br>Description: IC FPGA 252 I/O 324FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC144-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC144-2</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FI324-2</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-1</a><br>Description: IC FPGA 252 I/O 324FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-1X</a><br>Description: IC FPGA 252 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC196-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC144-1</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FI196-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-3</a><br>Description: IC FPGA 252 I/O 324FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC144-2X</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC196-1X</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC324-2N</a><br>Description: IC FPGA 252 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETC144-3</a><br>Description: IC FPGA 92 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100FC196-1</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETI144-3</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                       |                                              |                                     |                                              |
|---------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------------|
| Related keywords for EP20K100FC196-2X |                                              |                                     |                                              |
| EP20K100FC196-2X                      | Altera (Intel® Programmable Solutions Group) | EP20K100FC196-2X distributor        | EP20K100FC196-2X supplier                    |
|                                       |                                              | EP20K100FC196-2X download datasheet | EP20K100FC196-2X price                       |
| buy EP20K100FC196-2X                  |                                              | EP20K100FC196-2X datasheet          | EP20K100FC196-2X stock                       |
|                                       | Altera (Intel® Programmable Solutions Group) | Altera EP20K100FC196-2X             | Altera (Intel® Programmable Solutions Group) |
|                                       | EP20K100FC196-2X                             |                                     | EP20K100FC196-2X                             |