

EPF10K50SQC208-1





Part Number: [EPF10K50SQC208-1](#)

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

Description: IC FPGA 147 I/O 208QFP

Data sheet:  [208-PQFP Pkg Info](#)  
 [FLEX 10KE Device Data Sheet](#)

RoHS Status: Lead free / RoHS Compliant

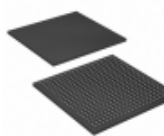
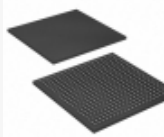
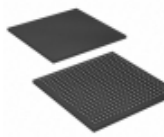
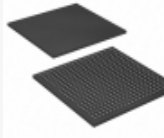
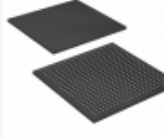
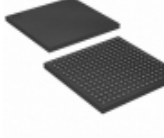
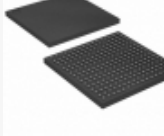
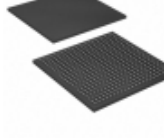
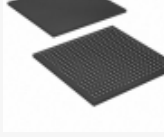
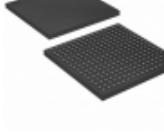
Ship From: Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EPF10K50SQC208-1                          | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 147 I/O 208QFP                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4659 pcs                                  | Data sheet                     | <a href="#">208-PQFP Pkg Info</a><br><a href="#">FLEX 10KE Device Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.375 V ~ 2.625 V                                                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40960                                     | Supplier Device Package        | 208-PQFP (28x28)                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLEX-10KS®                                | Package / Case                 | 208-BFQFP                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells | 2880                                                                             |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 360                                       | Number of I/O                  | 147                                                                              |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 199000                                    | Mounting Type                  | Surface Mount                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EPF10K50                                  |                                |                                                                                  |
| 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 4659 pieces of Altera (Intel® Programmable Solutions Group) EPF10K50SQC208-1 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="#">EPF10K50SFC484-1</a><br>Description: IC FPGA 220 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-2</a><br>Description: IC FPGA 220 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-1X</a><br>Description: IC FPGA 220 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC240-1N</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC208-3N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-2XB</a><br>Description: IC FPGA                | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC240-2</a><br>Description: IC FPGA 189 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-2X</a><br>Description: IC FPGA 220 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC240-1X</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC208-1X</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-2</a><br>Description: IC FPGA 191 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC208-1N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC208-2X</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-2X</a><br>Description: IC FPGA 191 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-3</a><br>Description: IC FPGA 220 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC208-2</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC208-3</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC484-1N</a><br>Description: IC FPGA 220 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SFC256-3</a><br>Description: IC FPGA 191 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SQC240-1</a><br>Description: IC FPGA 189 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                              |                                              |                            |                                              |
|----------------------------------------------|----------------------------------------------|----------------------------|----------------------------------------------|
| Related keywords for EPF10K50SQC208-1        |                                              |                            |                                              |
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