

EP1K100QC208-2





**Part Number:** [EP1K100QC208-2](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC FPGA 147 I/O 208QFP

**Data sheet:**  [ACEX 1K PLD Family](#)  
 [208-PQFP Pkg Info](#)

**RoHs Status:** Contains lead / RoHS non-compliant

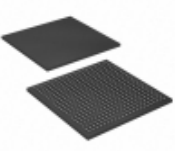
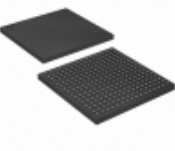
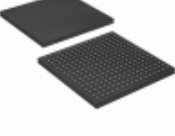
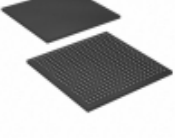
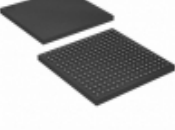
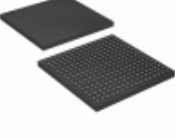
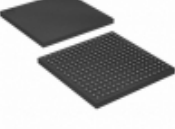
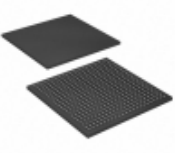
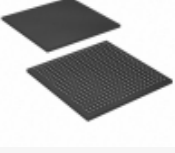
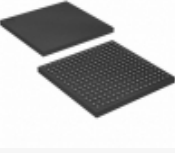
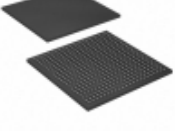
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | EP1K100QC208-2                            | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 147 I/O 208QFP                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5389 pcs                                  | Data sheet                       | <a href="#">ACEX 1K PLD Family</a><br><a href="#">208-PQFP Pkg Info</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2.375 V ~ 2.625 V                                                       |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                      | 49152                                     | Supplier Device Package          | 208-PQFP (28x28)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                              | ACEX-1K®                                  | Package / Case                   | 208-BFQFP                                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                         | 544-1001                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                                         |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                      | 4992                                      | Number of LABs/CLBs              | 624                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                       | 147                                       | Number of Gates                  | 257000                                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                      | Contains lead / RoHS non-compliant        | Base Part Number                 | EP1K100                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 5389 pieces of Intel® FPGAs EP1K100QC208-2 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="#">EP1K100QC208-1GZ</a><br>Description: IC FPGA                | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FC484-3</a><br>Description: IC FPGA 333 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QC208-2N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K10FC256-2N</a><br>Description: IC FPGA 136 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K10FC256-1</a><br>Description: IC FPGA 136 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FC484-3N</a><br>Description: IC FPGA 333 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FI256-2</a><br>Description: IC FPGA 186 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K10FC256-1N</a><br>Description: IC FPGA 136 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FI256-2N</a><br>Description: IC FPGA 186 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QC208-3</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QC208-3N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QI208-2</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FI484-2</a><br>Description: IC FPGA 333 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FI484-2N</a><br>Description: IC FPGA 333 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QC208-2NGZ</a><br>Description: IC FPGA               | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QC208-1</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QC208-1N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K10FC256-2</a><br>Description: IC FPGA 136 I/O 256FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100QI208-2N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1K100FC484-2NGZ</a><br>Description: IC FPGA               | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

|                                            |                            |                         |                      |
|--------------------------------------------|----------------------------|-------------------------|----------------------|
| Related keywords for <b>EP1K100QC208-2</b> |                            |                         |                      |
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