

EPM7512AEQC208-7





**Part Number:** [EPM7512AEQC208-7](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC CPLD 512MC 7.5NS 208QFP

**Data sheet:**  [208-PQFP Pkg Info](#)  
 [MAX 7000A](#)

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

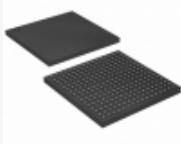
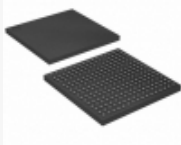
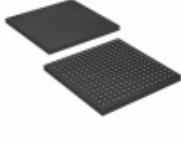
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                          | EPM7512AEQC208-7                          | Manufacturer                    | <a href="#">Intel® FPGAs</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC CPLD 512MC 7.5NS 208QFP                | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 269 pcs                                   | Data sheet                      | <a href="#">208-PQFP Pkg Info</a><br><a href="#">MAX 7000A</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal       | 3 V ~ 3.6 V                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                              | 208-PQFP (28x28)                          | Series                          | MAX® 7000A                                                     |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                    | In System Programmable                    | Packaging                       | Tray                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                       | 208-BFQFP                                 | Other Names                     | 544-2359                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                | 0°C ~ 70°C (TA)                           | Number of Macrocells            | 512                                                            |
| Number of Logic Elements/Blocks                                                                                                                                                                                                                                                                                                                                                                                                                      | 32                                        | Number of I/O                   | 176                                                            |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10000                                     | Mounting Type                   | Surface Mount                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 8 Weeks                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                       | Contains lead / RoHS non-compliant        | Delay Time tpd(1) Max           | 7.5ns                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | EPM7512                                   |                                 |                                                                |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EPM7512AETC144-7N</a><br>Description: IC CPLD 512MC 7.5NS 144TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEQI208-10N</a><br>Description: IC CPLD 512MC 10NS 208QFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AETC144-10N</a><br>Description: IC CPLD 512MC 10NS 144TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEFI256-10N</a><br>Description: IC CPLD 512MC 10NS 256FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AETC144-7</a><br>Description: IC CPLD 512MC 7.5NS 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEFI256-10</a><br>Description: IC CPLD 512MC 10NS 256FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEFC256-12N</a><br>Description: IC CPLD 512MC 12NS 256FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEQC208-12</a><br>Description: IC CPLD 512MC 12NS 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">EPM7512BBC256-10</a><br>Description: IC CPLD 512MC 10NS 256BGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEQC208-10N</a><br>Description: IC CPLD 512MC 10NS 208QFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEFC256-7N</a><br>Description: IC CPLD 512MC 7.5NS 256FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AETC144-12</a><br>Description: IC CPLD 512MC 12NS 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEQI208-10</a><br>Description: IC CPLD 512MC 10NS 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEFC256-7</a><br>Description: IC CPLD 512MC 7.5NS 256FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AETC144-10</a><br>Description: IC CPLD 512MC 10NS 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7512AEFC256-12</a><br>Description: IC CPLD 512MC 12NS 256FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

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