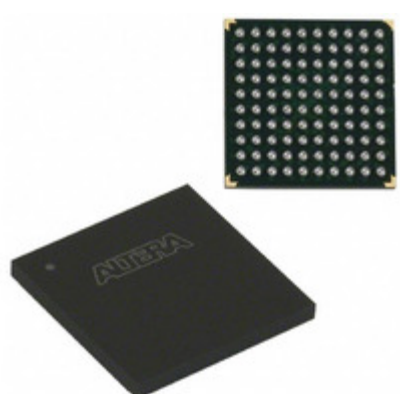


EPM7128BFC100-4





**Part Number:** [EPM7128BFC100-4](#)

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

**Description:** IC CPLD 128MC 4NS 100FBGA

**Data sheet:**  [100-FBGA Pkg Info](#)  
 [MAX 7000B Device Family Data Sheet](#)

**RoHS Status:** Lead free / RoHS Compliant

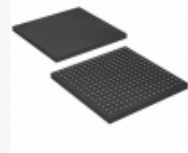
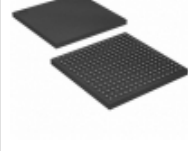
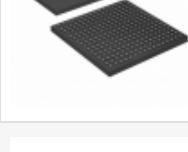
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EPM7128BFC100-4                           | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC CPLD 128MC 4NS 100FBGA                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5144 pcs                                  | Data sheet                       | <a href="#">100-FBGA Pkg Info</a><br><a href="#">MAX 7000B Device Family Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal        | 2.375 V ~ 2.625 V                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100-FBGA (11x11)                          | Series                           | MAX® 7000B                                                                              |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | In System Programmable                    | Packaging                        | Tray                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100-LBGA                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                                                         |
| Number of Macrocells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 128                                       | Number of Logic Elements/Blocks  | 8                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 84                                        | Number of Gates                  | 2500                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Delay Time tpd(1) Max            | 4.0ns                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EPM7128                                   |                                  |                                                                                         |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EPM7128AETC144-7N</a><br>Description: IC CPLD 128MC 7.5NS 144TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC256-10</a><br>Description: IC CPLD 128MC 10NS 256FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETC144-5</a><br>Description: IC CPLD 128MC 5NS 144TQFP    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC100-4N</a><br>Description: IC CPLD 128MC 4NS 100FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC256-4</a><br>Description: IC CPLD 128MC 4NS 256FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC49-4</a><br>Description: IC CPLD 128MC 4NS 49FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC256-7</a><br>Description: IC CPLD 128MC 7.5NS 256FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETI144-7N</a><br>Description: IC CPLD 128MC 7.5NS 144TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC49-10</a><br>Description: IC CPLD 128MC 10NS 49FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETI100-7</a><br>Description: IC CPLD 128MC 7.5NS 100TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC169-10</a><br>Description: IC CPLD 128MC 10NS 169FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC169-7</a><br>Description: IC CPLD 128MC 7.5NS 169FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETC144-7</a><br>Description: IC CPLD 128MC 7.5NS 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC169-4</a><br>Description: IC CPLD 128MC 4NS 169FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETI144-7</a><br>Description: IC CPLD 128MC 7.5NS 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC100-10N</a><br>Description: IC CPLD 128MC 10NS 100FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC100-10</a><br>Description: IC CPLD 128MC 10NS 100FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128BFC100-7</a><br>Description: IC CPLD 128MC 7.5NS 100FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETC144-5N</a><br>Description: IC CPLD 128MC 5NS 144TQFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128AETI100-7N</a><br>Description: IC CPLD 128MC 7.5NS 100TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

|                                              |                                              |                           |                                              |
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