

EPM7128STC100-15



**Part Number:** [EPM7128STC100-15](#)

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

**Description:** IC CPLD 128MC 15NS 100TQFP

**Data sheet:**  [MAX 7000](#)  
 [100-TQFP Pkg Info](#)

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

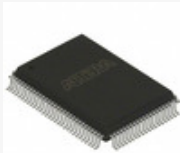
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EPM7128STC100-15                          | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC CPLD 128MC 15NS 100TQFP                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6048 pcs                                  | Data sheet                     | <a href="#">MAX 7000</a><br><a href="#">100-TQFP Pkg Info</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal      | 4.75 V ~ 5.25 V                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100-TQFP (14x14)                          | Series                         | MAX® 7000S                                                    |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | In System Programmable                    | Packaging                      | Tray                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-TQFP                                  | Other Names                    | 544-1212<br>EPM7128STC10015                                   |
| 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 | Contains lead / RoHS non-compliant                            |
| Delay Time tpd(1) Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15.0ns                                    | Base Part Number               | EPM7128                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                                             |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EPM7128STC100-6F</a><br>Description: IC CPLD 128MC 6NS 100TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128SQI160-10</a><br>Description: IC CPLD 128MC 10NS 160QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128SQC160-7N</a><br>Description: IC CPLD 128MC 7.5NS 160QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPM7128STC100-6</a><br>Description: IC CPLD 128MC 6NS 100TQFP    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">EPM7128SQC100-10</a><br>Description: IC CPLD 128MC 10NS 100QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
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| Related keywords for <b>EPM7128STC100-15</b> |                                              |                                              |                                              |
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