



Image may be representation.  
See specifications for product details.



## EPM7128STC100-6N

Manufacturer Part Number **EPM7128STC100-6N**

Manufacturer **Intel**

Allelco Part Number **32D-EPM7128STC100-6N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC CPLD 128MC 6NS 100TQFP**

Package **100-TQFP**

Data sheet **MAX 7000.pdf**

**100-TQFP Pkg Info.pdf**

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EPM7128STC100-6N - Intel.New Original in Stock. Download Linear Technology EPM7128STC100-6N datasheet/specifications on AllelcoElec.com.

Request a quote for EPM7128STC100-6N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EPM7128STC100-6N Tech Specifications

EPM7128STC100-6N - Intel technical specifications, attributes, parameters

| Product Attribute         | Attribute Value        | Product Attribute               | Attribute Value |
|---------------------------|------------------------|---------------------------------|-----------------|
| Manufacturer              | Intel                  | Number of Macrocells            | 128             |
| Voltage Supply - Internal | 4.75V ~ 5.25V          | Number of Logic Elements/Blocks | 8               |
| Supplier Device Package   | 100-TQFP (14x14)       | Number of I/O                   | 84              |
| Series                    | MAX® 7000S             | Number of Gates                 | 2500            |
| Programmable Type         | In System Programmable | Mounting Type                   | Surface Mount   |
| Package / Case            | 100-TQFP               | Delay Time tpd(1) Max           | 6 ns            |
| Package                   | Tray                   | Base Product Number             | EPM7128         |
| Operating Temperature     | 0°C ~ 70°C (TA)        |                                 |                 |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM7128STC100-6N

| Product Attribute               |                        |                        |                        |                        |
|---------------------------------|------------------------|------------------------|------------------------|------------------------|
| Part Number                     | EPM7128STC100-6N       | EPM7128STC100-15       | EPM7128ST1100-10N      | EPM7128STC100-15F      |
| Manufacturer                    | Intel                  | Intel                  | Intel                  | Intel                  |
| Number of Macrocells            | 128                    | 128                    | 128                    | 128                    |
| Number of Gates                 | 2500                   | 2500                   | 2500                   | 2500                   |
| Base Product Number             | EPM7128                | EPM7128                | EPM7128                | EPM7128                |
| Supplier Device Package         | 100-TQFP (14x14)       | 100-TQFP (14x14)       | 100-TQFP (14x14)       | 100-TQFP (14x14)       |
| Mounting Type                   | Surface Mount          | Surface Mount          | Surface Mount          | Surface Mount          |
| Number of Logic Elements/Blocks | 8                      | 8                      | 8                      | 8                      |
| Number of I/O                   | 84                     | 84                     | 84                     | 84                     |
| Operating Temperature           | 0°C ~ 70°C (TA)        | 0°C ~ 70°C (TA)        | -40°C ~ 85°C (TA)      | 0°C ~ 70°C (TA)        |
| Series                          | MAX® 7000S             | MAX® 7000S             | MAX® 7000S             | MAX® 7000S             |
| Package / Case                  | 100-TQFP               | 100-TQFP               | 100-TQFP               | 100-TQFP               |
| Delay Time tpd(1) Max           | 6 ns                   | 15 ns                  | 10 ns                  | 15 ns                  |
| Programmable Type               | In System Programmable | In System Programmable | In System Programmable | In System Programmable |
| Package                         | Tray                   | Tray                   | Tray                   | Tray                   |
| Voltage Supply - Internal       | 4.75V ~ 5.25V          | 4.75V ~ 5.25V          | 4.5V ~ 5.5V            | 4.75V ~ 5.25V          |

### EPM7128STC100-6N Datasheet PDF

Download EPM7128STC100-6N pdf datasheets and Intel documentation for EPM7128STC100-6N - Intel.

#### Datasheets

[100-TQFP Pkg Info.pdf](#)

#### PCN Packaging

[All Dev Pkg Chg 1/Aug/2018.pdf](#)

[Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

#### PCN Obsolescence/ EOL

[EOL 01/Dec/2016.pdf](#)

[EOL 21/Nov/2016.pdf](#)

#### PCN Other

[Software Disc 06/Nov/2020.pdf](#)

#### PCN Design/Specification










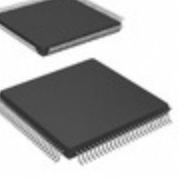

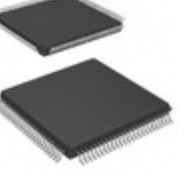


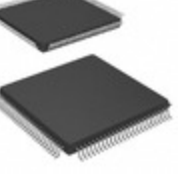
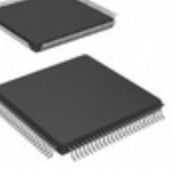


[Mult Series Software Chgs 26/Mar/2020.pdf](#)

[Appearance Update 30/Mar/2015.pdf](#)

 MAX 7000.pdf

## Customers Also Interested in

### Recommended Products

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|   |   |   |   |   |   |
| <b>EPM7128STI100-10W</b><br>Altera (Intel)   | <b>EPM7128STC100-15</b><br>Intel<br>IC CPLD 128MC 15NS 100TQFP                     | <b>EPM7128STI100-6</b><br>Altera (Intel)   | <b>EPM7128STI100-10N</b><br>Intel<br>IC CPLD 128MC 10NS 100TQFP                     | <b>EPM7128STC100-6W</b><br>Altera (Intel)  | <b>EPM7128STC100-15F</b><br>Intel<br>IC CPLD 128MC 15NS 100TQFP                      |
|   |   |   |   |   |   |
| <b>EPM7128STC100-6</b><br>Intel<br>IC CPLD 128MC 6NS 100TQFP                       | <b>EPM7128STC100-15N</b><br>Intel<br>IC CPLD 128MC 15NS 100TQFP                    | <b>EPM7128STC100-7</b><br>Intel<br>IC CPLD 128MC 7.5NS 100TQFP                     | <b>EPM7128STC100-10F</b><br>Intel<br>IC CPLD 128MC 10NS 100TQFP                     | <b>EPM7128STC100-10W</b><br>Altera (Intel)   | <b>EPM7128STC100-7F</b><br>Intel<br>IC CPLD 128MC 7.5NS 100TQFP                      |
|  |  |  |  |  |  |
| <b>EPM7128STC100-10N</b><br>Intel<br>IC CPLD 128MC 10NS 100TQFP                    | <b>EPM7128STI100-10</b><br>Intel<br>IC CPLD 128MC 10NS 100TQFP                     | <b>EPM7128STC100-10</b><br>Intel<br>IC CPLD 128MC 10NS 100TQFP                     | <b>EPM7128STC100-7N</b><br>Intel<br>IC CPLD 128MC 7.5NS 100TQFP                     | <b>EPM7128STC100</b><br>Altera (Intel)   | <b>EPM7128STI100-15N</b><br>Altera (Intel)   |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |

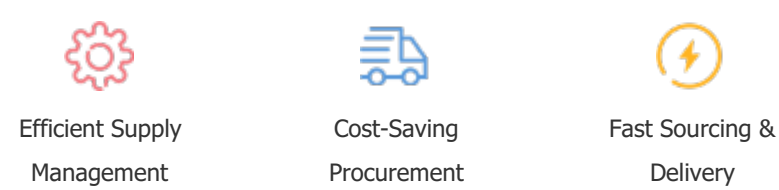
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

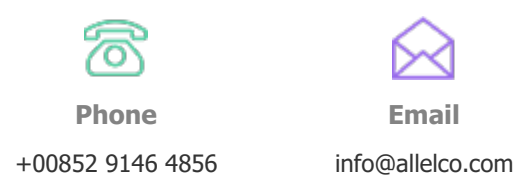
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com