



Image may be representation.  
See specifications for product details.



## EP2S180F1508I4

|                          |                         |
|--------------------------|-------------------------|
| Manufacturer Part Number | <b>EP2S180F1508I4</b>   |
| Manufacturer             | <b>Altera (Intel)</b>   |
| Allelco Part Number      | 32D-EP2S180F1508I4      |
| ECAD Model               | Request Free CAD Models |
| Parts Description        | IC FPGA 1508FBGA        |
| Package                  | 1508-BBGA, FCBGA        |
| Data sheet               | EP2S180F1508I4.pdf      |

**Get a Quote**

EP2S180F1508I4 - Altera.New Original in Stock. Download Linear Technology EP2S180F1508I4 datasheet/specifications on AllelcoElec.com.  
Request a quote for EP2S180F1508I4, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP2S180F1508I4 Tech Specifications  
EP2S180F1508I4 - Altera technical specifications, attributes, parameters

| Product Attribute       | Attribute Value   | Product Attribute     | Attribute Value    |
|-------------------------|-------------------|-----------------------|--------------------|
| Manufacturer            | Altera (Intel)    | Package               | Bulk               |
| Voltage - Supply        | 1.15V ~ 1.25V     | Operating Temperature | -40°C ~ 100°C (TJ) |
| Supplier Device Package | 1508-FBGA (30x30) | Mounting Type         | Surface Mount      |
| Series                  | Stratix® II       | Base Product Number   | EP2S180            |
| Package / Case          | 1508-BBGA, FCBGA  |                       |                    |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Altera EP2S180F1508I4

| Product Attribute       |                    |                   |                   |                    |
|-------------------------|--------------------|-------------------|-------------------|--------------------|
| Part Number             | EP2S180F1508I4     | EP2S180F1508C3    | EP2S180F1508C5N   | EP2S180F1020I4N    |
| Manufacturer            | Altera             | Altera            | Altera            | Intel              |
| Supplier Device Package | 1508-FBGA (30x30)  | 1508-FBGA (30x30) | 1508-FBGA (40x40) | 1020-FBGA (33x33)  |
| Mounting Type           | Surface Mount      | Surface Mount     | Surface Mount     | Surface Mount      |
| Operating Temperature   | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ)   | 0°C ~ 85°C (TJ)   | -40°C ~ 100°C (TJ) |
| Package / Case          | 1508-BBGA, FCBGA   | 1508-BBGA, FCBGA  | 1508-BBGA, FCBGA  | 1020-BBGA          |
| Series                  | Stratix® II        | Stratix® II       | Stratix® II       | Stratix® II        |
| Voltage - Supply        | 1.15V ~ 1.25V      | 1.15V ~ 1.25V     | 1.15V ~ 1.25V     | 1.15V ~ 1.25V      |
| Package                 | Bulk               | Bulk              | Bulk              | Tray               |
| Base Product Number     | EP2S180            | EP2S180           | -                 | EP2S180            |

### Customers Also Interested in

#### Recommended Products

|                                    |                                     |                                    |                                  |                                    |                                     |
|------------------------------------|-------------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------------|
|                                    |                                     |                                    |                                  |                                    |                                     |
| <b>EP2S180F1508C3</b>              | <b>EP2S180F1508C5N</b>              | <b>EP2S180F1020I4N</b>             | <b>EP2S30F484C4N</b>             | <b>EP2S180F1508C4N</b>             | <b>EP2S180F1508C5N</b>              |
| Altera<br>IC FPGA 1508FBGA         | Altera<br>IC FPGA 1170 I/O 1508FBGA | Intel<br>IC FPGA 742 I/O 1020FBGA  | Intel<br>IC FPGA 342 I/O 484FBGA | Intel<br>IC FPGA 1170 I/O 1508FBGA | Intel<br>IC FPGA 1170 I/O 1508FBGA  |
|                                    |                                     |                                    |                                  |                                    |                                     |
| <b>EP2S30F484C5</b>                | <b>EP2S180F1508C3N</b>              | <b>EP2S180F1020I4</b>              | <b>EP2S30F484C5N</b>             | <b>EP2S30F484C3N</b>               | <b>EP2S180F1508C3</b>               |
| Intel<br>IC FPGA 342 I/O 484FBGA   | Intel<br>IC FPGA 1170 I/O 1508FBGA  | Intel<br>IC FPGA 742 I/O 1020FBGA  | Intel<br>IC FPGA 342 I/O 484FBGA | Intel<br>IC FPGA 342 I/O 484FBGA   | Intel<br>IC FPGA 1170 I/O 1508FBGA  |
|                                    |                                     |                                    |                                  |                                    |                                     |
| <b>EP2S180F1508I4N</b>             | <b>EP2S180F1020C5N</b>              | <b>EP2S180F1508I4</b>              | <b>EP2S30F484C3</b>              | <b>EP2S30F484C4</b>                | <b>EP2S180F1508C4N</b>              |
| Intel<br>IC FPGA 1170 I/O 1508FBGA | Altera<br>IC FPGA 742 I/O 1020FBGA  | Intel<br>IC FPGA 1170 I/O 1508FBGA | Intel<br>IC FPGA 342 I/O 484FBGA | Intel<br>IC FPGA 342 I/O 484FBGA   | Altera<br>IC FPGA 1170 I/O 1508FBGA |

### 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 -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

**Contact us if you have any questions.**

- Phone  
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- Email  
info@allelco.com

### Certifications & Memberships



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