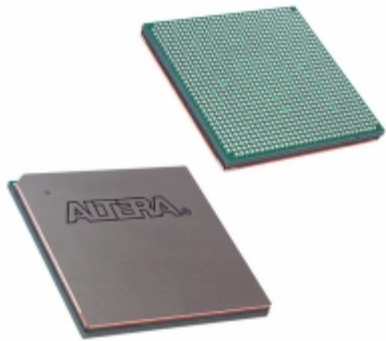


EP2S60F1020I4



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [EP2S60F1020I4](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC FPGA 718 I/O 1020FBGA

**Data sheet:**  [Stratix II Device Handbook, Volume1](#)  
 [896-FBGA Pkg Info](#)  
 [Stratix II Device Handbook](#)  
 [Virtual JTAG Megafuntion User Guide](#)

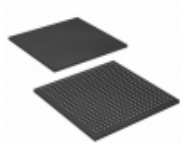
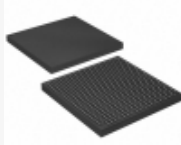
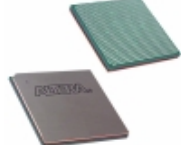
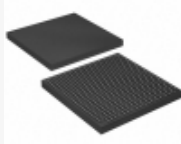
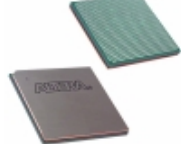
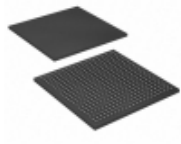
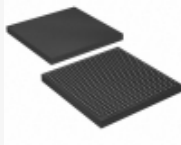
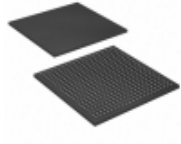
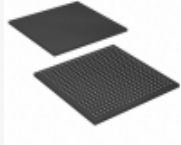
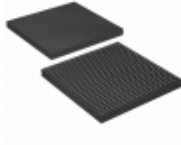
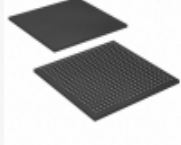
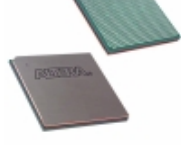
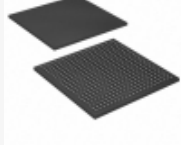
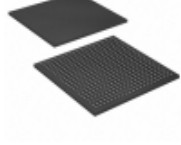
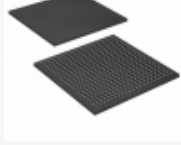
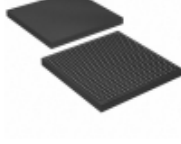
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | EP2S60F1020I4                             | Manufacturer                   | <a href="#">Intel® FPGAs</a>                                                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FPGA 718 I/O 1020FBGA                  | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 46 pcs                                    | Data sheet                     | <a href="#">Stratix II Device Handbook, Volume1</a><br><a href="#">896-FBGA Pkg Info</a><br><a href="#">Stratix II Device Handbook</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.15 V ~ 1.25 V                                                                                                                                                                               |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2544192                                   | Supplier Device Package        | 1020-FBGA (33x33)                                                                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stratix® II                               | Package / Case                 | 1020-BBGA                                                                                                                                                                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                      | 544-1903<br>EP2S60F1020I4-ND              | Operating Temperature          | -40°C ~ 100°C (TJ)                                                                                                                                                                            |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                   | 60440                                     | Number of LABs/CLBs            | 3022                                                                                                                                                                                          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                    | 718                                       | Mounting Type                  | Surface Mount                                                                                                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | EP2S60                                    |                                |                                                                                                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 46 pieces of Intel® FPGAs EP2S60F1020I4 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                |                                                                             |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP2S60F484C3N</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S30F672I4</a><br>Description: IC FPGA 500 I/O 672FBGA    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020C5N</a><br>Description: IC FPGA 718 I/O 1020FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S30F672C5N</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020I4N</a><br>Description: IC FPGA 718 I/O 1020FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020C4N</a><br>Description: IC FPGA 718 I/O 1020FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484C5</a><br>Description: IC FPGA 334 I/O 484FBGA    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F672C3</a><br>Description: IC FPGA 492 I/O 672FBGA    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484C3</a><br>Description: IC FPGA 334 I/O 484FBGA    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484I4N</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S30F672I4N</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484C5N</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020C3N</a><br>Description: IC FPGA 718 I/O 1020FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484I4</a><br>Description: IC FPGA 334 I/O 484FBGA    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484C4</a><br>Description: IC FPGA 334 I/O 484FBGA    | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F484C4N</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S30F672C5</a><br>Description: IC FPGA 500 I/O 672FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020C4</a><br>Description: IC FPGA 718 I/O 1020FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020C3</a><br>Description: IC FPGA 718 I/O 1020FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2S60F1020C5</a><br>Description: IC FPGA 718 I/O 1020FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

| Related keywords for EP2S60F1020I4 |                           |                        |                     |
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