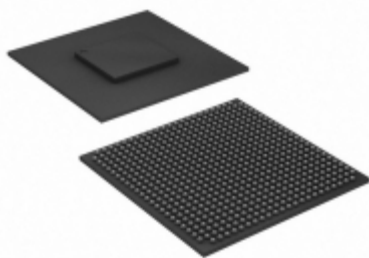


EP2AGX45DF25C6G





Part Number: [EP2AGX45DF25C6G](#)

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

Description: IC FPGA 252 I/O 572FBGA

Data sheet:  [Arria II Device Family Overview](#)  
 [Arria II Device Handbook Vol 3](#)

RoHs Status: Lead free / RoHS Compliant

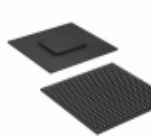
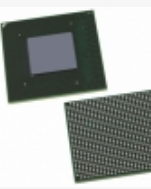
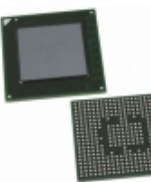
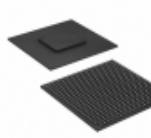
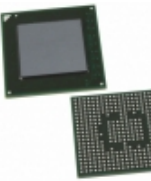
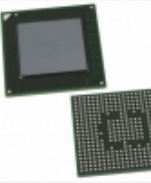
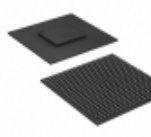
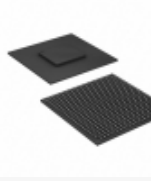
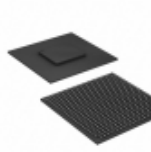
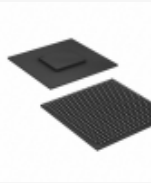
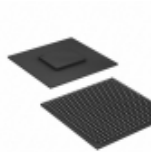
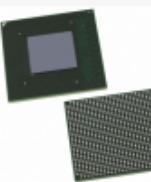
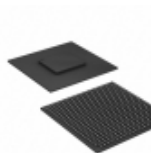
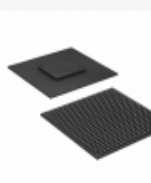
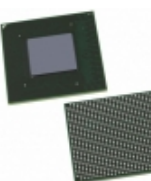
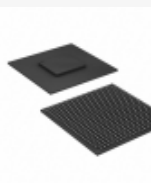
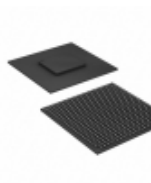
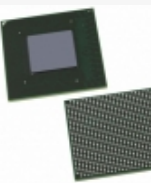
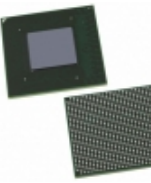
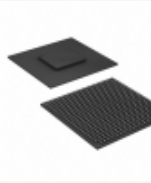
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EP2AGX45DF25C6G                           | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 252 I/O 572FBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 302 pcs                                   | Data sheet                       | <a href="#">Arria II Device Family Overview</a><br><a href="#">Arria II Device Handbook Vol 3</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 0.87 V ~ 0.93 V                                                                                   |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3517440                                   | Supplier Device Package          | 572-FBGA, FC (25x25)                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Arria II GX                               | Package / Case                   | 572-BGA, FCBGA                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 42959                                                                                             |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1805                                      | Number of I/O                    | 252                                                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                |                                  |                                                                                                   |
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|  | Part#: <a href="#">EP2AGX45DF29C5N</a><br>Description: IC FPGA 364 I/O 780FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45CU17I3N</a><br>Description: IC FPGA 156 I/O 358UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25I5</a><br>Description: IC FPGA 252 I/O 572FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45CU17I5N</a><br>Description: IC FPGA 156 I/O 358UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45CU17I5</a><br>Description: IC FPGA 156 I/O 358UBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25C4N</a><br>Description: IC FPGA 252 I/O 572FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25I3</a><br>Description: IC FPGA 252 I/O 572FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25C6ES</a><br>Description: IC FPGA 252 I/O 572FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25I5N</a><br>Description: IC FPGA 252 I/O 572FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25C6</a><br>Description: IC FPGA 252 I/O 572FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF29C4</a><br>Description: IC FPGA 364 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25C5G</a><br>Description: IC FPGA 252 I/O 572FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25C4</a><br>Description: IC FPGA 252 I/O 572FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF29C6</a><br>Description: IC FPGA 364 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25I3N</a><br>Description: IC FPGA 252 I/O 572FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EP2AGX45DF29C5</a><br>Description: IC FPGA 364 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF29C4N</a><br>Description: IC FPGA 364 I/O 780FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP2AGX45DF25C5</a><br>Description: IC FPGA 252 I/O 572FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

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