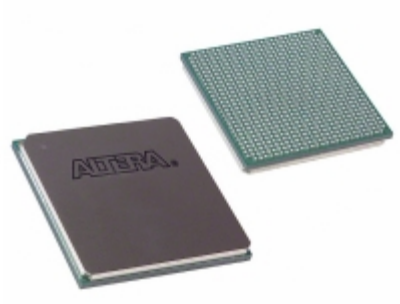


EP1AGX60DF780I6N





**Part Number:** [EP1AGX60DF780I6N](#)

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

**Description:** IC FPGA 350 I/O 780FBGA

**Data sheet:**  [Arria GX Device Datasheet](#)  
 [EP1AGX Arria GX](#)  
 [780-FBGA Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)

**RoHs Status:** Lead free / RoHS Compliant

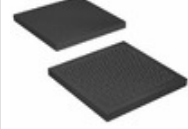
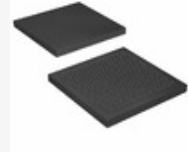
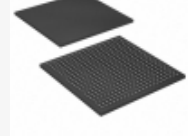
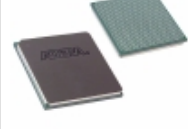
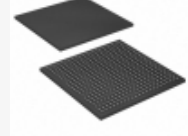
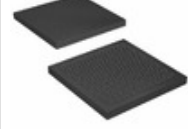
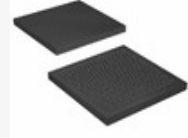
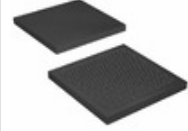
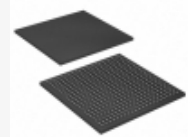
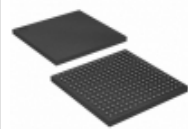
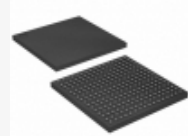
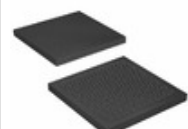
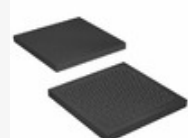
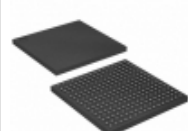
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EP1AGX60DF780I6N                          | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA 350 I/O 780FBGA                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 151 pcs                                   | Data sheet                     | <a href="#">Arria GX Device Datasheet</a><br><a href="#">EP1AGX Arria GX</a><br><a href="#">780-FBGA Pkg Info</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2528640                                   | Supplier Device Package        | 780-FBGA (29x29)                                                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Arria GX                                  | Package / Case                 | 780-BBGA                                                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 544-2385                                  | Operating Temperature          | -40°C ~ 100°C (TJ)                                                                                                                                                       |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 60100                                     | Number of LABs/CLBs            | 3005                                                                                                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 350                                       | Mounting Type                  | Surface Mount                                                                                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EP1AGX60                                  |                                |                                                                                                                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 151 pieces of Altera (Intel® Programmable Solutions Group) EP1AGX60DF780I6N 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="#">EP1AGX50DF780I6N</a><br>Description: IC FPGA 350 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C12F256C6AA</a><br>Description: IC FPGA FBGA                | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX60EF1152C6N</a><br>Description: IC FPGA 514 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX90EF1152I6N</a><br>Description: IC FPGA 538 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX50DF780C6N</a><br>Description: IC FPGA 350 I/O 780FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX50CF484I6N</a><br>Description: IC FPGA 229 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX50DF780C6</a><br>Description: IC FPGA 350 I/O 780FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX60CF484C6N</a><br>Description: IC FPGA 229 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX90EF1152C6</a><br>Description: IC FPGA 538 I/O 1152FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX50DF1152C6N</a><br>Description: IC FPGA 514 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX90EF1152I6</a><br>Description: IC FPGA 538 I/O 1152FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX50DF780I6</a><br>Description: IC FPGA 350 I/O 780FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX60DF780C6N</a><br>Description: IC FPGA 350 I/O 780FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX60CF484I6N</a><br>Description: IC FPGA 229 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C12F256C6N</a><br>Description: IC FPGA 185 I/O 256FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C12F256C6</a><br>Description: IC FPGA 185 I/O 256FBGA       | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX50DF1152I6N</a><br>Description: IC FPGA 514 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX90EF1152C6N</a><br>Description: IC FPGA 538 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C12F256C7</a><br>Description: IC FPGA 185 I/O 256FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1AGX60EF1152I6N</a><br>Description: IC FPGA 514 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

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