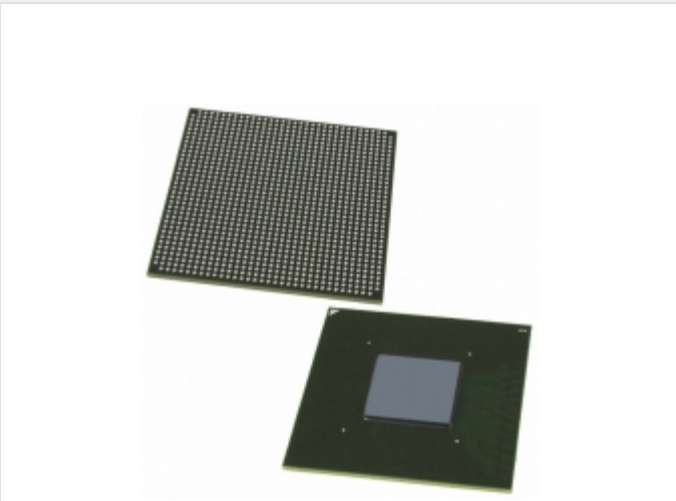


5AGXMA7G6F35C6N



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [5AGXMA7G6F35C6N](#)

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

**Description:** IC FPGA 544 I/O 1152FBGA

**Data sheet:**  [Arria V Device Handbook](#)  
 [Arria V GX/GT Errata](#)  
 [Arria V Datasheet](#)  
 [Arria V Device Overview](#)  
 [Virtual JTAG Megafuntion User Guide](#)

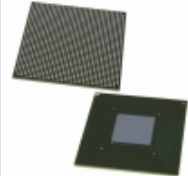
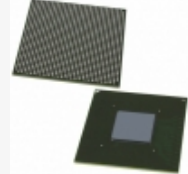
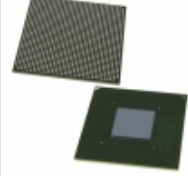
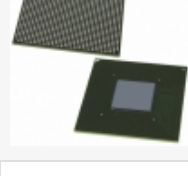
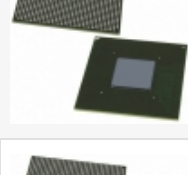
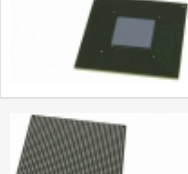
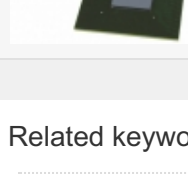
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5AGXMA7G6F35C6N                           | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 544 I/O 1152FBGA                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 121 pcs                                   | Data sheet                       | <a href="#">Arria V Device Handbook</a><br><a href="#">Arria V GX/GT Errata</a><br><a href="#">Arria V Datasheet</a><br><a href="#">Arria V Device Overview</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                        |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15470592                                  | Supplier Device Package          | 1152-FBGA (35x35)                                                                                                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Arria V GX                                | Package / Case                   | 1152-BBGA, FCBGA Exposed Pad                                                                                                                                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 242000                                                                                                                                                                                                                 |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 11460                                     | Number of I/O                    | 544                                                                                                                                                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                | Base Part Number                 | 5AGXMA7                                                                                                                                                                                                                |
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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
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|  | Part#: <a href="#">5AGXMA7G6F31C6N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F35I5G</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F35C4N</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F31I3N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F31C4N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7D6F27C6N</a><br>Description: IC FPGA 336 I/O 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F31I3N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F31C4N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F31C5N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F35I5N</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F31I5N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F31I5G</a><br>Description: 896-PIN FBGA             | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F35I5N</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F31C5N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F31I5</a><br>Description: IC FPGA 384 I/O 896FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F31I3</a><br>Description: IC FPGA 384 I/O 896FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F35C5N</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMA7G4F35C4N</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5AGXMB1G4F35C5N</a><br>Description: IC FPGA 544 I/O 1152FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

|                                              |                                              |                           |                                              |
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