

5AGXBB1D4F31C4N



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**Part Number:** 5AGXBB1D4F31C4N

**Manufacturer:** Intel® FPGAs

**Description:** IC FPGA 384 I/O 896FBGA

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

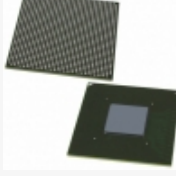
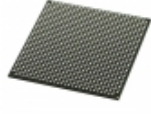
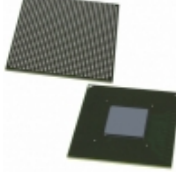
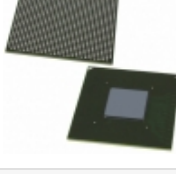
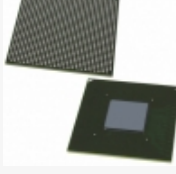
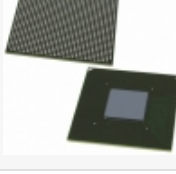
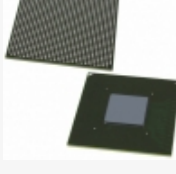
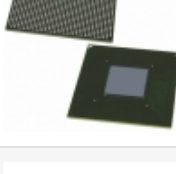
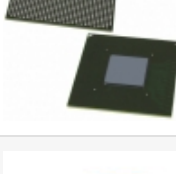
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                         | 5AGXBB1D4F31C4N                           | Manufacturer                     | Intel® FPGAs                                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 384 I/O 896FBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                  | 92 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                                                                                                                                                                                                                                                                                                                                                                                      | 17358848                                  | Supplier Device Package          | 896-FBGA (31x31)                                                                                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                              | Arria V GX                                | Package / Case                   | 896-BBGA, FCBGA                                                                                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 300000                                                                                                                                                                                                                 |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                 | 14151                                     | Number of I/O                    | 384                                                                                                                                                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                | Base Part Number                 | 5AGXBB1                                                                                                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 92 pieces of Intel® FPGAs 5AGXBB1D4F31C4N 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: info@Components-World.com |                                           |                                  |                                                                                                                                                                                                                        |

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|  | Part#: <a href="#">5AGXBA7D4F31C5N</a><br>Description: IC FPGA 384 I/O 896FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">5AGXBA7D4F27I5N</a><br>Description: IC FPGA 336 I/O 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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