

5AGXMA3D4F31C4N



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Part Number: 5AGXMA3D4F31C4N

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 416 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

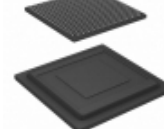
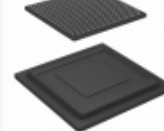
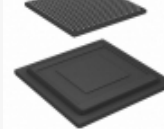
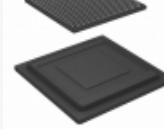
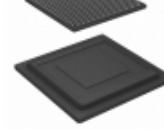
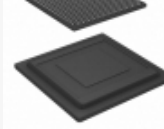
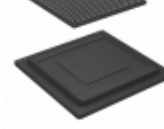
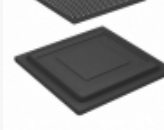
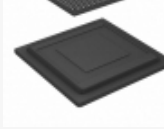
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5AGXMA3D4F31C4N                           | Manufacturer                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA 416 I/O 896FBGA                   | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11746304                                  | 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   | 156000                                                                                                                                                                                                                 |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7362                                      | Number of I/O                    | 416                                                                                                                                                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Base Part Number                 | 5AGXMA3                                                                                                                                                                                                                |
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