



Altera (Intel® Programmable Solutions Group)

Solutions Group)



Image may be representation. See specifications for product details.

5AGXMA3D4F31C4N

Part Number: 5AGXMA3D4F31C4N

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 416 I/O 896FBGA  
[PDF](#) 1.5AGXMA3D4F31C4N.pdf  
[PDF](#) 2.5AGXMA3D4F31C4N.pdf  
[PDF](#) 3.5AGXMA3D4F31C4N.pdf  
[PDF](#) 4.5AGXMA3D4F31C4N.pdf  
[PDF](#) 5.5AGXMA3D4F31C4N.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

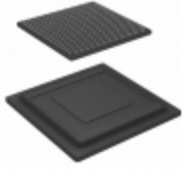
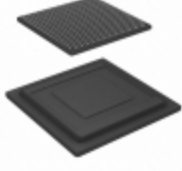
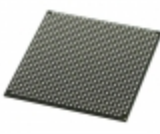
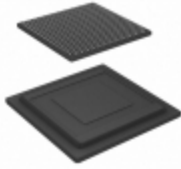
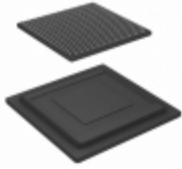
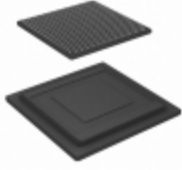
Specifications of 5AGXMA3D4F31C4N

|                                  |                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">PDF</a> 1.5AGXMA3D4F31C4N.pdf<br><a href="#">PDF</a> 2.5AGXMA3D4F31C4N.pdf<br><a href="#">PDF</a> 3.5AGXMA3D4F31C4N.pdf<br><a href="#">PDF</a> 4.5AGXMA3D4F31C4N.pdf<br><a href="#">PDF</a> 5.5AGXMA3D4F31C4N.pdf |
| 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                                                                                                                                                                                                                       |

Related Tags

|                                                              |                                                       |                                                                  |
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Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5AGXMA3D4F31I3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA3D4F27I3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div>5AGXMA3D4F31C4G<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA3D4F31I5<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div>5AGXMA3D4F31I3G<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA3D4F27C5N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div>5AGXMA3D6F27C6N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA3D4F31I5N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div>5AGXMA3D4F27C4N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA3D4F27I3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div>5AGXMA3D4F31C5N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA3D4F27I5N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div> |