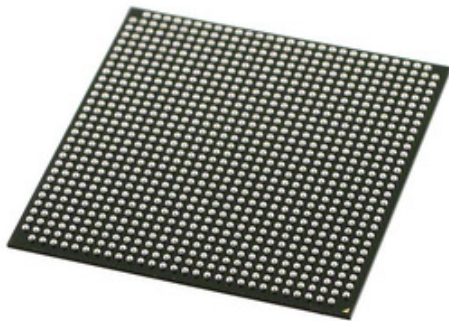




Altera (Intel® Programmable

Solutions Group)



Part Number: 5AGXMB1G6F31C6N

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

Product description: IC FPGA 384 I/O 896FBGA

[PDF](#) 1.5AGXMB1G6F31C6N.pdf

[PDF](#) 2.5AGXMB1G6F31C6N.pdf

[PDF](#) 3.5AGXMB1G6F31C6N.pdf

[PDF](#) 4.5AGXMB1G6F31C6N.pdf

[PDF](#) 5.5AGXMB1G6F31C6N.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

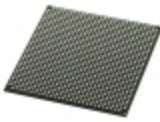
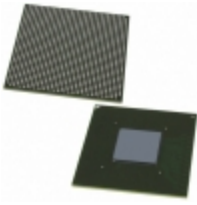
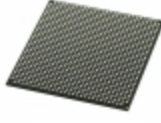
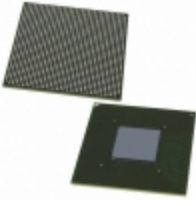
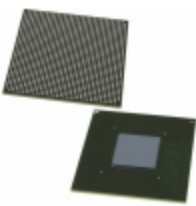
Specifications of 5AGXMB1G6F31C6N

|                                  |                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5AGXMB1G6F31C6N                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 384 I/O 896FBGA                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">PDF</a> 1.5AGXMB1G6F31C6N.pdf<br><a href="#">PDF</a> 2.5AGXMB1G6F31C6N.pdf<br><a href="#">PDF</a> 3.5AGXMB1G6F31C6N.pdf<br><a href="#">PDF</a> 4.5AGXMB1G6F31C6N.pdf<br><a href="#">PDF</a> 5.5AGXMB1G6F31C6N.pdf |
| 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                 | 5AGXMB1                                                                                                                                                                                                                       |

Related Tags

|                                                              |                                                       |                                                                  |
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| Altera (Intel® Programmable Solutions Group) 5AGXMB1G6F31C6N | 5AGXMB1G6F31C6N Distributor                           | 5AGXMB1G6F31C6N Supplier                                         |
| 5AGXMB1G6F31C6N Price                                        | 5AGXMB1G6F31C6N Pictures                              | 5AGXMB1G6F31C6N Image                                            |
| 5AGXMB1G6F31C6N PDF Datasheet                                | 5AGXMB1G6F31C6N Download Datasheet                    | 5AGXMB1G6F31C6N Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) 5AGXMB1G6F31C6N | Altera 5AGXMB1G6F31C6N                                | Altera (Intel® Programmable Solutions Group) 5AGXMB1G6F31C6N     |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5AGXMB3G4F31I5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 384 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>                                  |  <div><b>5AGXMB3G4F31C4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 384 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>5AGXMB1G4F40I5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div>                                 |  <div><b>5AGXMB3G4F31C5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 384 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>5AGXMB1G6F35C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 544 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>5AGXMB1G6F40C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>5AGXMB3G4F31I3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 384 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>                                  |  <div><b>5AGXMB1G4F35I5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 544 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>5AGXMB1G4F40C5G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 1517-PIN FBGA<br/>In stock: Out stock<br/>RFQ</div>                                            |  <div><b>5AGXMB1G4F40C5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>5AGXMB1G4F40C4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div>                                 |  <div><b>5AGXMB1G4F35I5G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 544 I/O 1152FBGA<br/>In stock: Out stock<br/>RFQ</div> |