



Intel® FPGAs



5AGXMA1D4F27C5N

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5AGXMA1D4F27C5N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product description | IC FPGA 336 I/O 672FBGA<br> 1.5AGXMA1D4F27C5N.pdf<br> 2.5AGXMA1D4F27C5N.pdf<br> 3.5AGXMA1D4F27C5N.pdf<br> 4.5AGXMA1D4F27C5N.pdf<br> 5.5AGXMA1D4F27C5N.pdf |
| Datasheets:         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RoHs Status         | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ship From           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

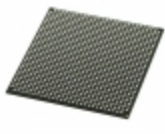
Specifications of 5AGXMA1D4F27C5N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5AGXMA1D4F27C5N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 336 I/O 672FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.5AGXMA1D4F27C5N.pdf<br> 2.5AGXMA1D4F27C5N.pdf<br> 3.5AGXMA1D4F27C5N.pdf<br> 4.5AGXMA1D4F27C5N.pdf<br> 5.5AGXMA1D4F27C5N.pdf |
| VOLTAGE - SUPPLY                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 8666112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | Arria V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 672-BBGA, FCBGA Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | 544-3509<br>5AGXMA1D4F27C5N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 75000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LABS/CLBS              | 3537                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 336                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | 5AGXMA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
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| 5AGXMA1D4F27C5N Price         | 5AGXMA1D4F27C5N Pictures           | 5AGXMA1D4F27C5N Image            |
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| Intel® FPGAs 5AGXMA1D4F27C5N  | Intel® FPGAs Supplier              | Intel® FPGAs Distributor         |
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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5AGXFB7K4F40C4N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXFB7K6F40C6N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div>5AGXFB7K4F40C5N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 704 I/O 1517FBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5AGXMA1D4F31I3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div>5AGXMA1D4F31I5<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div>5AGXMA1D4F27I3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div>5AGXMA1D4F31C4N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 416 I/O 896FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div>5AGXMA1D4F27C4N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
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