



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXMA3E2H29C2LN

|                     |                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGXMA3E2H29C2LN                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                            |
| Product description | IC FPGA 360 I/O 780HBGA <div><div>PDF</div>1.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>2.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>3.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>4.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>5.5SGXMA3E2H29C2LN.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                         |
| RoHs Status         | <div><div>✓</div><div>RoHS</div></div> Lead free / RoHS Compliant                                                                                                                                                                                                       |
| Stock Condition     | 29 pcs stock                                                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

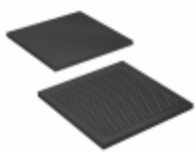
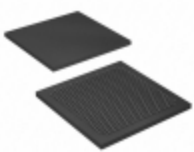
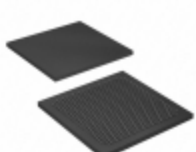
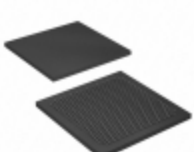
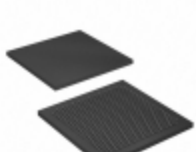
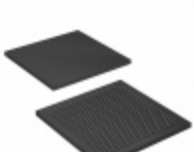
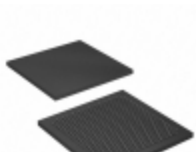
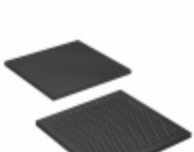
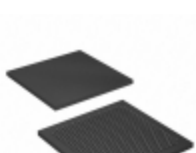
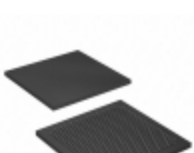
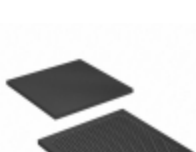
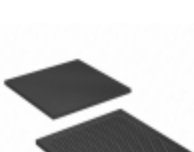
Specifications of 5SGXMA3E2H29C2LN

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMA3E2H29C2LN                                                                                                                                                                                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 360 I/O 780HBGA                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 29 pcs                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>PDF</div>1.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>2.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>3.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>4.5SGXMA3E2H29C2LN.pdf</div> <div><div>PDF</div>5.5SGXMA3E2H29C2LN.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                                                 |
| TOTAL RAM BITS                   | 23704576                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 780-HBGA (33x33)                                                                                                                                                                                                                                |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                 |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 340000                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 128300                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 360                                                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | 5SGXMA3                                                                                                                                                                                                                                         |

Related Tags

|                                                               |                                                       |                                                                   |
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Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGXMA3E2H29C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 24 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA3E1H29C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 28 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXMA3E2H29C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 33 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA3E2H29I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 19 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXMA3E1H29I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 21 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA3E2H29I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 21 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGXMA3E2H29C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 22 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA3E2H29I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 22 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXMA3E2H29I3L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 23 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA3E1H29C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 25 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGXMA3E2H29C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 21 pcs</div> <div>RFQ</div> | <div></div> <div>5SGXMA3E1H29C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: 23 pcs</div> <div>RFQ</div>  |