



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD3E2H29C2N                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 360 I/O 780HBGA                                                                                      |
|                     |  1.5SGSMD3E2H29C2N.pdf      |
|                     |  2.5SGSMD3E2H29C2N.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 27 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

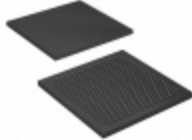
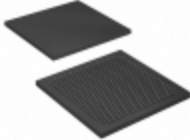
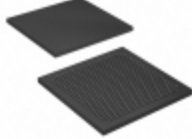
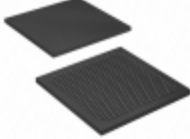
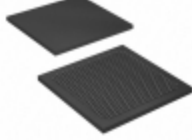
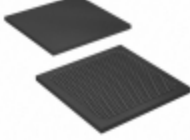
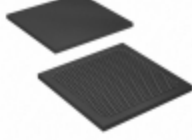
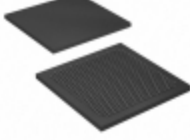
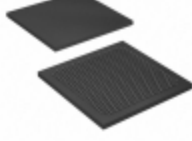
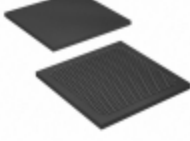
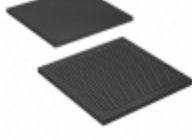
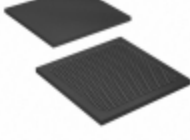
Specifications of 5SGSMD3E2H29C2N

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD3E2H29C2N                                                                                                                                                                                                        |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 360 I/O 780HBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 27 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.5SGSMD3E2H29C2N.pdf<br> 2.5SGSMD3E2H29C2N.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 16937984                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 780-HBGA (33x33)                                                                                                                                                                                                       |
| SERIES                           | Stratix® V GS                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 236000                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 89000                                                                                                                                                                                                                  |
| 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                 | 5SGSMD3                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5SGSMD3E2H29C2N | 5SGSMD3E2H29C2N Distributor                           | 5SGSMD3E2H29C2N Supplier                                         |
| 5SGSMD3E2H29C2N Price                                        | 5SGSMD3E2H29C2N Pictures                              | 5SGSMD3E2H29C2N Image                                            |
| 5SGSMD3E2H29C2N PDF Datasheet                                | 5SGSMD3E2H29C2N Download Datasheet                    | 5SGSMD3E2H29C2N Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5SGSMD3E2H29C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 41 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSMD3E2H29C2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 32 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSMD3E2H29I2L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSMD3E2H29I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 27 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSMD3E1H29C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 29 pcs</div> <div>RFQ</div> | <div></div> <div>5SGSMD3E2H29C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSMD3E1H29C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 31 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSMD3E2H29I3L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 32 pcs</div> <div>RFQ</div>  |
| <div></div> <div>5SGSMD3E2H29I2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 30 pcs</div> <div>RFQ</div> | <div></div> <div>5SGSMD3E2H29C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 28 pcs</div> <div>RFQ</div> |
| <div></div> <div>5SGSMD3E1H29I2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 27 pcs</div> <div>RFQ</div>  | <div></div> <div>5SGSMD3E2H29I3LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 360 I/O 780HBGA</div> <div>In stock: 35 pcs</div> <div>RFQ</div> |