



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGSMD4E2H29C2LN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5SGSMD4E2H29C2LN                                                                                             |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 360 I/O 780HBGA                                                                                      |
|                     |  1.5SGSMD4E2H29C2LN.pdf     |
|                     |  2.5SGSMD4E2H29C2LN.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

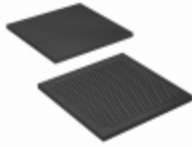
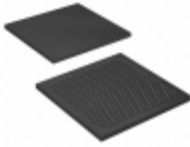
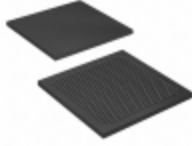
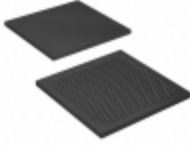
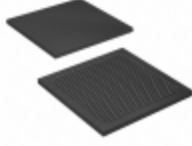
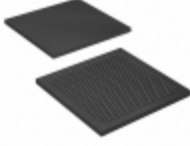
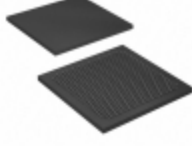
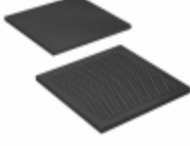
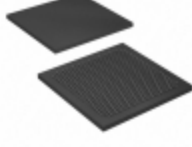
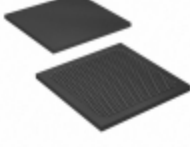
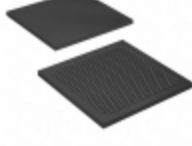
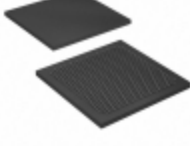
Specifications of 5SGSMD4E2H29C2LN

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD4E2H29C2LN                                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 360 I/O 780HBGA                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.5SGSMD4E2H29C2LN.pdf<br> 2.5SGSMD4E2H29C2LN.pdf |
| VOLTAGE - SUPPLY                 | 0.82 V ~ 0.88 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 23946240                                                                                                                                                                                                                 |
| 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   | 360000                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 135840                                                                                                                                                                                                                   |
| 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                 | 5SGSMD4                                                                                                                                                                                                                  |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>5SGSMD4E1H29C2L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div>5SGSMD4E2H29I3L<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 780HBGA<br/>In stock: Out stock<br/>RFQ</div>  |
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