



Altera (Intel® Programmable

Solutions Group)



Part Number: 5SGSMD3E2H29C1N

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

Product description: IC FPGA 360 I/O 780HBGA

Datasheets: [1.5SGSMD3E2H29C1N.pdf](#)  
[2.5SGSMD3E2H29C1N.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

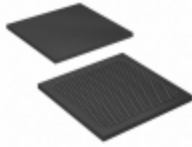
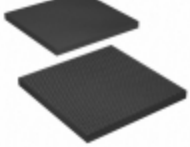
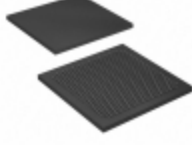
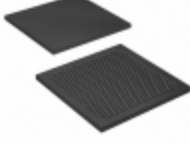
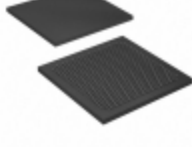
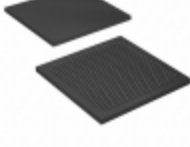
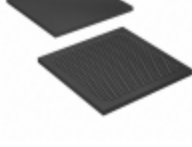
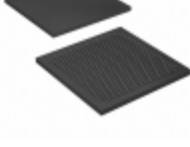
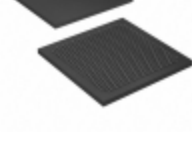
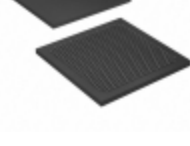
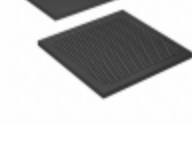
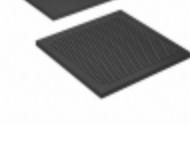
Specifications of 5SGSMD3E2H29C1N

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGSMD3E2H29C1N                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                   |
| DESCRIPTION                      | IC FPGA 360 I/O 780HBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       | <a href="#">1.5SGSMD3E2H29C1N.pdf</a><br><a href="#">2.5SGSMD3E2H29C1N.pdf</a> |
| 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

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Related Products

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