


5SGXMA3E2H29C2LN

Part Number: 5SGXMA3E2H29C2LN
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)
 Product description: IC FPGA 360 I/O 780HBGA
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[PDF](#) 5.5SGXMA3E2H29C2LN.pdf
 Datasheets:
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

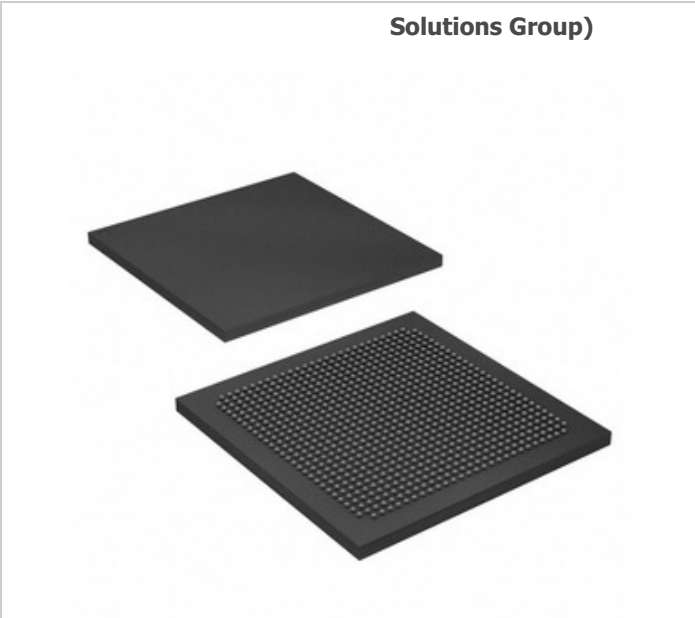


Image may be representation. See specifications for product details.

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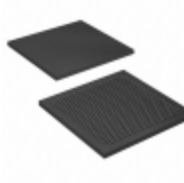
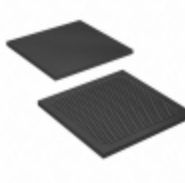
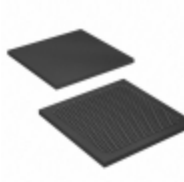
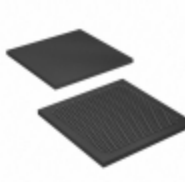
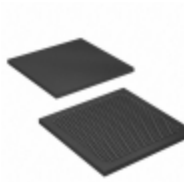
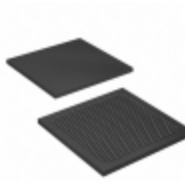
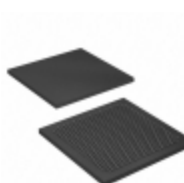
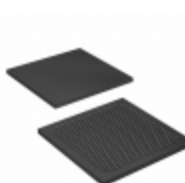
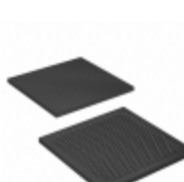
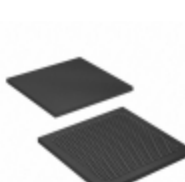
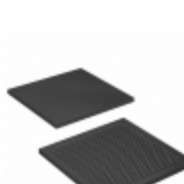
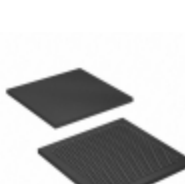
Specifications of 5SGXMA3E2H29C2LN

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| 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 |
| DATA SHEET | PDF 1.5SGXMA3E2H29C2LN.pdf PDF 2.5SGXMA3E2H29C2LN.pdf PDF 3.5SGXMA3E2H29C2LN.pdf PDF 4.5SGXMA3E2H29C2LN.pdf PDF 5.5SGXMA3E2H29C2LN.pdf |
| 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 |

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