



Altera (Intel® Programmable

Solutions Group)

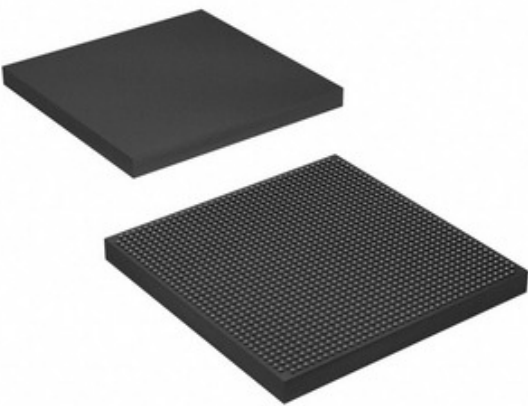


Image may be representation. See specifications for product details.

5SGXMB5R2F40C2N

Part Number: 5SGXMB5R2F40C2N

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

Product description: IC FPGA 432 I/O 1517FBGA  
[PDF](#) 1.5SGXMB5R2F40C2N.pdf  
[PDF](#) 2.5SGXMB5R2F40C2N.pdf  
[PDF](#) 3.5SGXMB5R2F40C2N.pdf  
[PDF](#) 4.5SGXMB5R2F40C2N.pdf  
[PDF](#) 5.5SGXMB5R2F40C2N.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

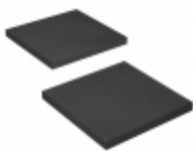
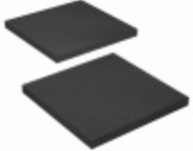
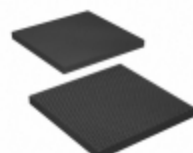
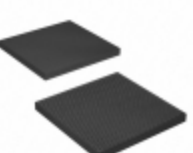
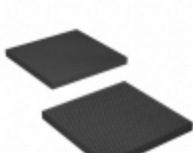
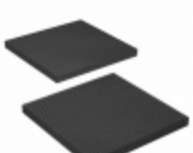
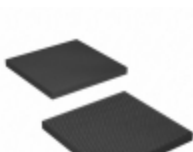
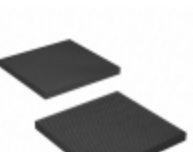
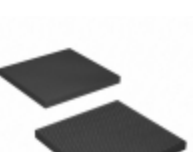
Specifications of 5SGXMB5R2F40C2N

|                                  |                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5SGXMB5R2F40C2N                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 432 I/O 1517FBGA                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                    |
| DATA SHEET                       | <a href="#">PDF</a> 1.5SGXMB5R2F40C2N.pdf<br><a href="#">PDF</a> 2.5SGXMB5R2F40C2N.pdf<br><a href="#">PDF</a> 3.5SGXMB5R2F40C2N.pdf<br><a href="#">PDF</a> 4.5SGXMB5R2F40C2N.pdf<br><a href="#">PDF</a> 5.5SGXMB5R2F40C2N.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 48927744                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                             |
| SERIES                           | Stratix® V GX                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 490000                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 185000                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 432                                                                                                                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                    |
| BASE PART NUMBER                 | 5SGXMB5                                                                                                                                                                                                                       |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
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| 5SGXMB5R2F40C2N PDF Datasheet                                | 5SGXMB5R2F40C2N Download Datasheet                    | 5SGXMB5R2F40C2N Datasheet                                        |
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Related Products

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| <div></div> <div>5SGXMB5R2F40C2LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1517FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>5SGXMB5R1F43C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1760FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div>5SGXMB5R1F43C1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 600 I/O 1760FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>5SGXMB5R2F40C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 432 I/O 1517FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  |
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