

## 5SGXMB5R3F40C2LN


Part Number: 5SGXMB5R3F40C2LN  
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)  
 Product description: IC FPGA 432 I/O 1517FBGA  
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[PDF](#) 2.5SGXMB5R3F40C2LN.pdf  
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[PDF](#) 4.5SGXMB5R3F40C2LN.pdf  
[PDF](#) 5.5SGXMB5R3F40C2LN.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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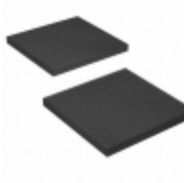
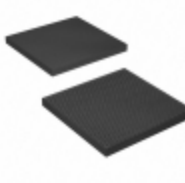
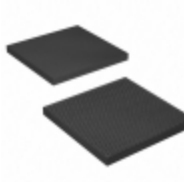
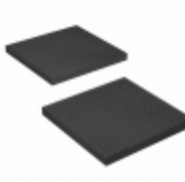
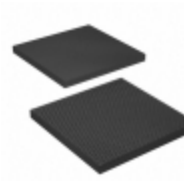
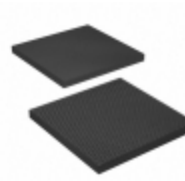
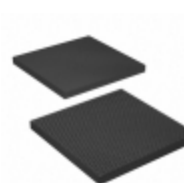
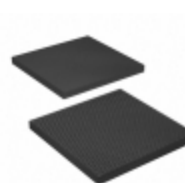
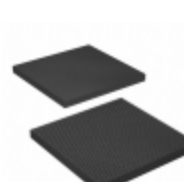
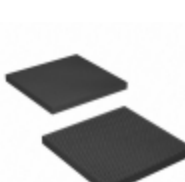
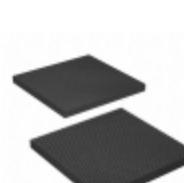
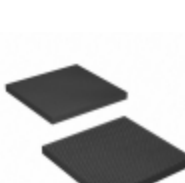
### Specifications of 5SGXMB5R3F40C2LN

PART NUMBER	5SGXMB5R3F40C2LN
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> 1.5SGXMB5R3F40C2LN.pdf <a href="#">PDF</a> 2.5SGXMB5R3F40C2LN.pdf <a href="#">PDF</a> 3.5SGXMB5R3F40C2LN.pdf <a href="#">PDF</a> 4.5SGXMB5R3F40C2LN.pdf <a href="#">PDF</a> 5.5SGXMB5R3F40C2LN.pdf
VOLTAGE - SUPPLY	0.82 V ~ 0.88 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

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 <p><b>5SGXMB5R3F40C4N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1517FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>5SGXMB5R3F40I3LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1517FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>5SGXMB5R2F43I3LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 600 I/O 1760FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>5SGXMB5R2F43I3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 600 I/O 1760FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>5SGXMB5R2F43I2N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 600 I/O 1760FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>5SGXMB5R2F43C3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 600 I/O 1760FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
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