




Altera (Intel® Programmable

### 5SGXMA3K1F40C2N

Part Number: 5SGXMA3K1F40C2N  
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)  
 Product description: IC FPGA 696 I/O 1517FBGA  
[PDF](#) 1.5SGXMA3K1F40C2N.pdf  
[PDF](#) 2.5SGXMA3K1F40C2N.pdf  
[PDF](#) 3.5SGXMA3K1F40C2N.pdf  
[PDF](#) 4.5SGXMA3K1F40C2N.pdf  
[PDF](#) 5.5SGXMA3K1F40C2N.pdf  
 Datasheets:  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Solutions Group)

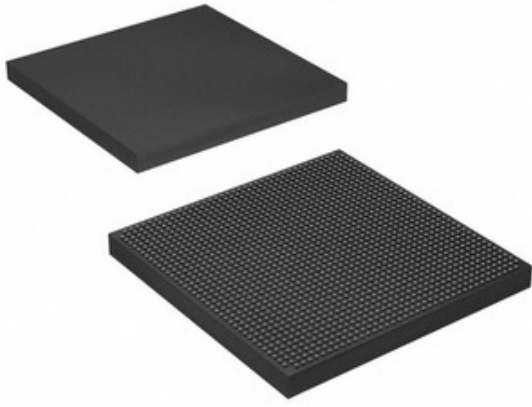


Image may be representation. See specifications for product details.

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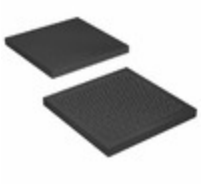
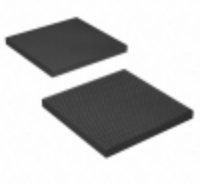
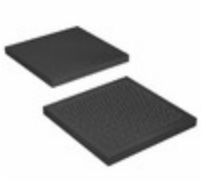
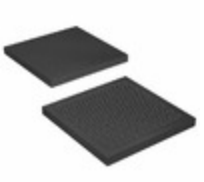
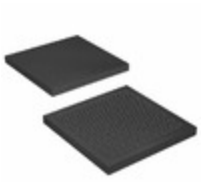
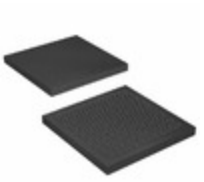
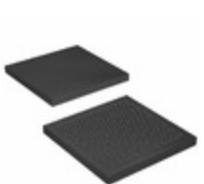

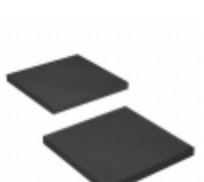
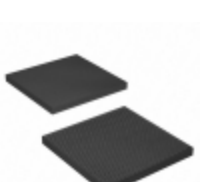
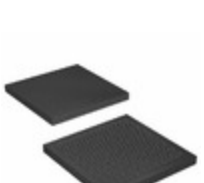
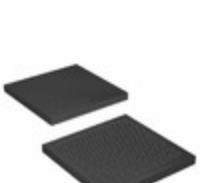
#### Specifications of 5SGXMA3K1F40C2N

PART NUMBER	5SGXMA3K1F40C2N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.5SGXMA3K1F40C2N.pdf <a href="#">PDF</a> 2.5SGXMA3K1F40C2N.pdf <a href="#">PDF</a> 3.5SGXMA3K1F40C2N.pdf <a href="#">PDF</a> 4.5SGXMA3K1F40C2N.pdf <a href="#">PDF</a> 5.5SGXMA3K1F40C2N.pdf
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	23704576
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	340000
NUMBER OF LABS/CLBS	128300
NUMBER OF I/O	696
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	5SGXMA3

#### Related Tags

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 <p><b>5SGXMA3K2F35C2N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>5SGXMA3K1F35I2N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>5SGXMA3K1F35C1N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>5SGXMA3K1F35C2LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
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 <p><b>5SGXMA3K2F35C3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>5SGXMA3K2F35I2LN</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 432 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>

