



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

5SGXMA4K2F40I2N

Part Number: 5SGXMA4K2F40I2N

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

Product description IC FPGA 696 I/O 1517FBGA

[PDF 1.5SGXMA4K2F40I2N.pdf](#)

[PDF 2.5SGXMA4K2F40I2N.pdf](#)

[PDF 3.5SGXMA4K2F40I2N.pdf](#)

[PDF 4.5SGXMA4K2F40I2N.pdf](#)

[PDF 5.5SGXMA4K2F40I2N.pdf](#)

Datasheets:

RoHs Status  Lead free / RoHS Compliant

Stock Condition 13 pcs stock

Ship From Hong Kong

Shipment Way DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

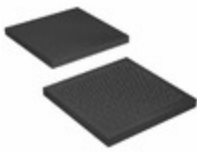
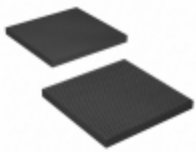
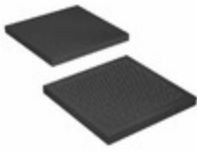
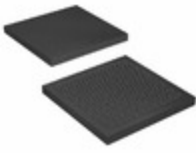
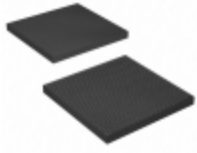
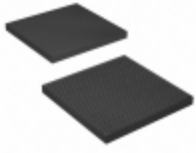
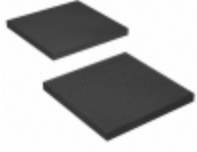
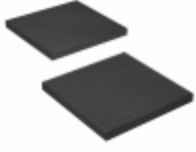
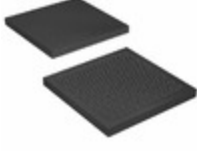
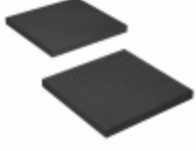
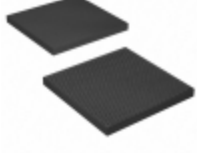
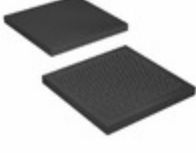
Specifications of 5SGXMA4K2F40I2N

PART NUMBER	5SGXMA4K2F40I2N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 696 I/O 1517FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13 pcs
DATA SHEET	PDF 1.5SGXMA4K2F40I2N.pdf PDF 2.5SGXMA4K2F40I2N.pdf PDF 3.5SGXMA4K2F40I2N.pdf PDF 4.5SGXMA4K2F40I2N.pdf PDF 5.5SGXMA4K2F40I2N.pdf
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	43983872
SUPPLIER DEVICE PACKAGE	1517-FBGA (40x40)
SERIES	Stratix® V GX
PACKAGE / CASE	1517-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	420000
NUMBER OF LABS/CLBS	158500
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	5SGXMA4

Related Tags

Altera (Intel® Programmable Solutions Group) 5SGXMA4K2F40I2N	5SGXMA4K2F40I2N Distributor	5SGXMA4K2F40I2N Supplier
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Related Products

 5SGXMA4K3F35C3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 432 I/O 1152FBGA In stock: 23 pcs RFQ	 5SGXMA4K2F40C3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 696 I/O 1517FBGA In stock: 17 pcs RFQ
 5SGXMA4K3F35C2LN Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 432 I/O 1152FBGA In stock: 19 pcs RFQ	 5SGXMA4K3F35C2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 432 I/O 1152FBGA In stock: 20 pcs RFQ
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 5SGXMA4K2F40C1N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 696 I/O 1517FBGA In stock: 14 pcs RFQ	 5SGXMA4K3F35C4N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 432 I/O 1152FBGA In stock: 24 pcs RFQ

