

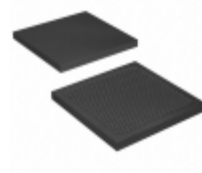
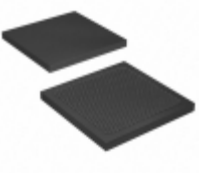
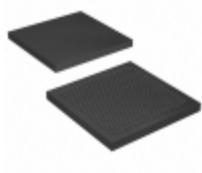
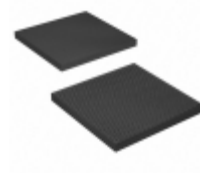
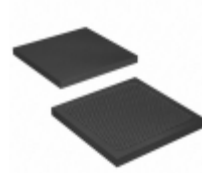
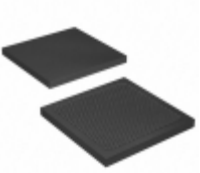
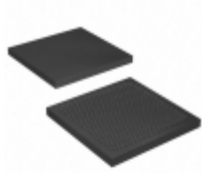
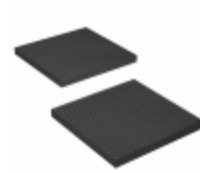
	<p><b>5SGXEA4K1F40C1N</b></p>
	<p><b>Manufacturer Part Number:</b> 5SGXEA4K1F40C1N</p>
	<p><b>Manufacturer/Brand:</b> Altera (Intel® Programmable Solutions Group)</p>
	<p><b>Part of Description:</b> IC FPGA 696 I/O 1517FBGA</p>
<p><b>Datasheets:</b></p>	<p> <a href="#">1.5SGXEA4K1F40C1N.pdf</a></p>
	<p> <a href="#">2.5SGXEA4K1F40C1N.pdf</a></p>
	<p> <a href="#">3.5SGXEA4K1F40C1N.pdf</a></p>
	<p> <a href="#">4.5SGXEA4K1F40C1N.pdf</a></p>
	<p> <a href="#">5.5SGXEA4K1F40C1N.pdf</a></p>
<p><b>RoHs Status:</b>  Lead free / RoHS</p>	
<p><b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.</p>	
<p><b>Ship From:</b> Hong Kong</p>	
<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	5SGXEA4K1F40C1N
Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 696 I/O 1517FBGA
Category	Integrated Circuits (ICs) > Embedded - FPGAs (Field
Part Status	Require For Quote & Check Stock
Series	Stratix® V GX
Operating Temperature	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount
Package / Case	1517-BBGA, FCBGA
Supplier Device Package	1517-FBGA (40x40)
Voltage - Supply	0.87 V ~ 0.93 V
Number of I/O	696
Number of LABs/CLBs	158500
Number of Logic Elements/Cells	420000
Total RAM Bits	43983872

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⇒ ICS9112AF-17	↔ IP-250-CW-TR1	# IRFR3518	⊣ JS28F320C3BD70	⇒ KA78M18TU
↔ KD221205A7	⇒ LQH43MN1R5M03L	D LQP03TN4N7H02D	# LTV-816-DT	⊣ MAX16004CTP+T
# MIC5219-3.0YM5	D MIC5365-3.3YC5TR	⇒ MIC94030YM4	↔ MMSZ5234BT1/1206-6.2V	⇒ NCP603SN250T1G
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