

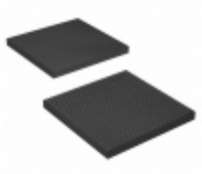
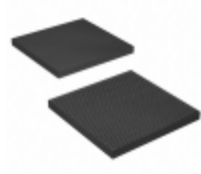
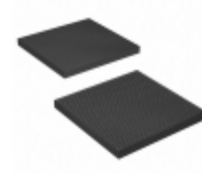
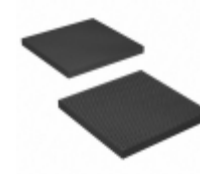
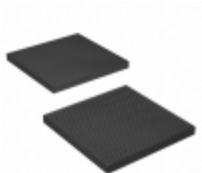
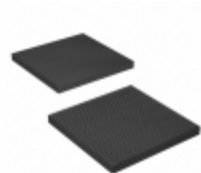
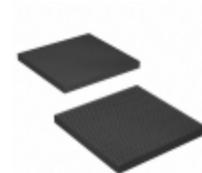
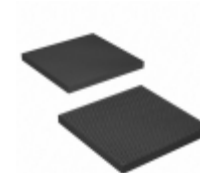
	<h2>5SGSMD5K3F40C4N</h2>
	<p><b>Manufacturer Part Number:</b> 5SGSMD5K3F40C4N</p> <p><b>Manufacturer/Brand:</b> Altera (Intel® Programmable Solutions Group)</p> <p><b>Part of Description:</b> IC FPGA 696 I/O 1517FBGA</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li><a href="#">1.5SGSMD5K3F40C4N.pdf</a></li> <li><a href="#">2.5SGSMD5K3F40C4N.pdf</a></li> <li><a href="#">3.5SGSMD5K3F40C4N.pdf</a></li> </ul> <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	5SGSMD5K3F40C4N
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 GS
Operating Temperature	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount
Package / Case	1517-BBGA, FCBGA
Supplier Device Package	1517-FBGA (40x40)
Voltage - Supply	0.82 V ~ 0.88 V
Number of I/O	696
Number of LABs/CLBs	172600
Number of Logic Elements/Cells	457000
Total RAM Bits	46769152

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Contact us: **Info@Y-IC.com**

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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