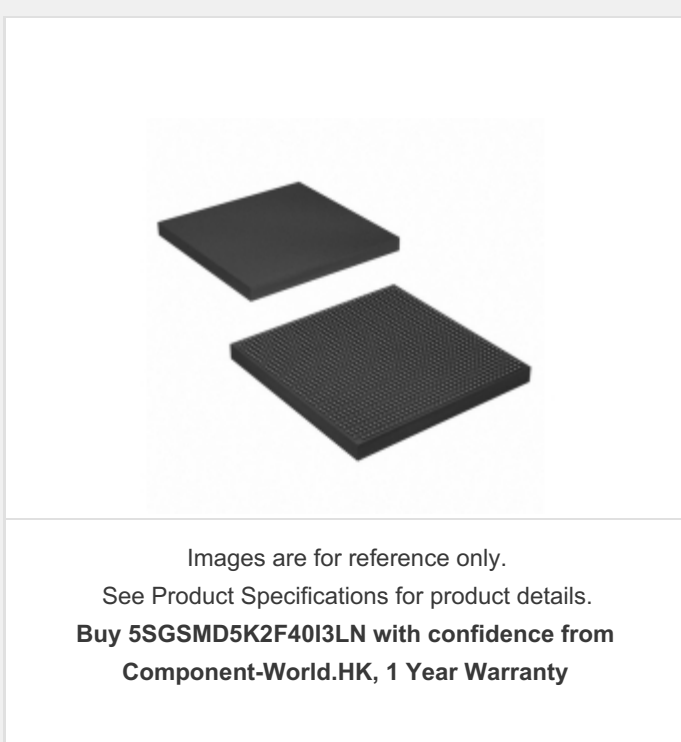


## 5SGSMD5K2F40I3LN



**Part Number:** [5SGSMD5K2F40I3LN](#)  
**Manufacturer:** [Altera \(Intel® Programmable Solutions Group\)](#)  
**Description:** IC FPGA 696 I/O 1517FBGA  
**Data sheet:** [Stratix V Device Handbook](#)  
[Stratix V Device Datasheet](#)  
[Stratix V Devices Errata](#)  
[Virtual JTAG Megafuntion User Guide](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	5SGSMD5K2F40I3LN	Manufacturer	<a href="#">Altera (Intel® Programmable Solutions Group)</a>
Description	IC FPGA 696 I/O 1517FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11 pcs	Data sheet	<a href="#">Stratix V Device Handbook</a> <a href="#">Stratix V Device Datasheet</a> <a href="#">Stratix V Devices Errata</a> <a href="#">Virtual JTAG Megafuntion User Guide</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply	0.82 V ~ 0.88 V
Total RAM Bits	46769152	Supplier Device Package	1517-FBGA (40x40)
Series	Stratix® V GS	Package / Case	1517-BBGA, FCBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	457000
Number of LABs/CLBs	172600	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	5SGSMD5

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	Part#: <a href="#">5SGSMD5K3F40C2L</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K3F40C2N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K2F40C2N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K3F40C2</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K2F40I2N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K3F40C4N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">5SGSMD5K2F40I3L</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K3F40C2LN</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">5SGSMD5K2F40C3N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K2F40I2</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD5K3F40C4</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
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