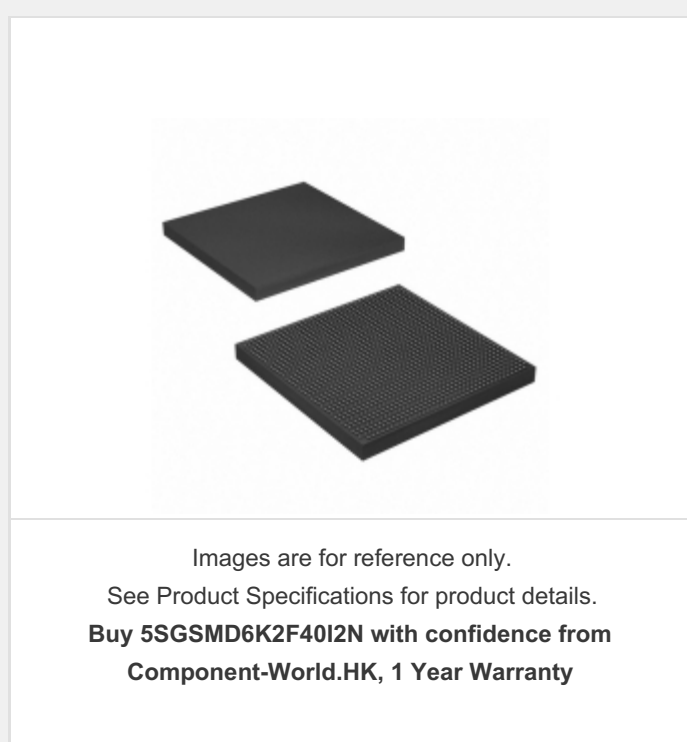


## 5SGSMD6K2F40I2N



**Part Number:** [5SGSMD6K2F40I2N](#)  
**Manufacturer:** [Altera \(Intel® Programmable Solutions Group\)](#)  
**Description:** IC FPGA 696 I/O 1517FBGA  
**Data sheet:** [Stratix V Device Datasheet](#)  
[Stratix V Device Overview](#)  
[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	5SGSMD6K2F40I2N	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	9 pcs	Data sheet	<a href="#">Stratix V Device Datasheet</a> <a href="#">Stratix V Device Overview</a> <a href="#">Virtual JTAG Megafuntion User Guide</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply	0.87 V ~ 0.93 V
Total RAM Bits	54553600	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	583000
Number of LABs/CLBs	220000	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	5SGSMD6

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	Part#: <a href="#">5SGSMD6K2F40C2N</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="#">5SGSMD6K3F40C2N</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="#">5SGSMD6K3F40C3N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD6K1F40C2N</a> Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">5SGSMD6K2F40C3N</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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