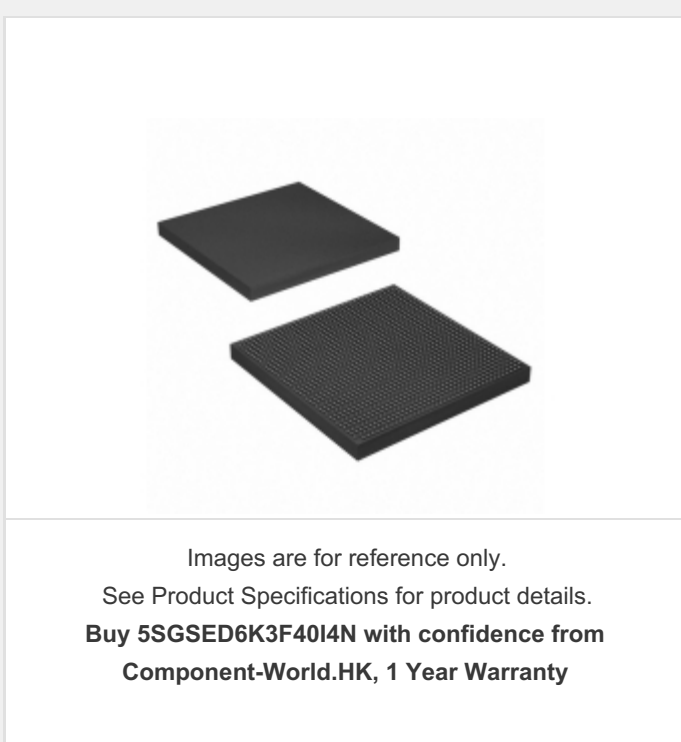


## 5SGSED6K3F40I4N



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**Part Number:** 5SGSED6K3F40I4N  
**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 Megafunfion User Guide](#)

**RoHS Status:** Lead free / RoHS Compliant  
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### PRODUCT PARAMETER

<b>Part Number</b>	5SGSED6K3F40I4N	<b>Manufacturer</b>	Altera (Intel® Programmable Solutions Group)
<b>Description</b>	IC FPGA 696 I/O 1517FBGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	14 pcs	<b>Data sheet</b>	<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 Megafunfion User Guide</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply</b>	0.82 V ~ 0.88 V
<b>Total RAM Bits</b>	54553600	<b>Supplier Device Package</b>	1517-FBGA (40x40)
<b>Series</b>	Stratix® V GS	<b>Package / Case</b>	1517-BBGA, FCBGA
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)	<b>Number of Logic Elements/Cells</b>	583000
<b>Number of LABs/CLBs</b>	220000	<b>Number of I/O</b>	696
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Base Part Number</b>	5SGSED6

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	<b>Part#:</b> 5SGSED6K2F40I3LN <b>Description:</b> IC FPGA 696 I/O 1517FBGA	<b>Manufacturers:</b> Altera (Intel® Programmable Solutions Group)	<a href="#">RFQ</a>
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	<b>Part#:</b> 5SGSED6N2F45C2 <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> Altera (Intel® Programmable Solutions Group)	<a href="#">RFQ</a>
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