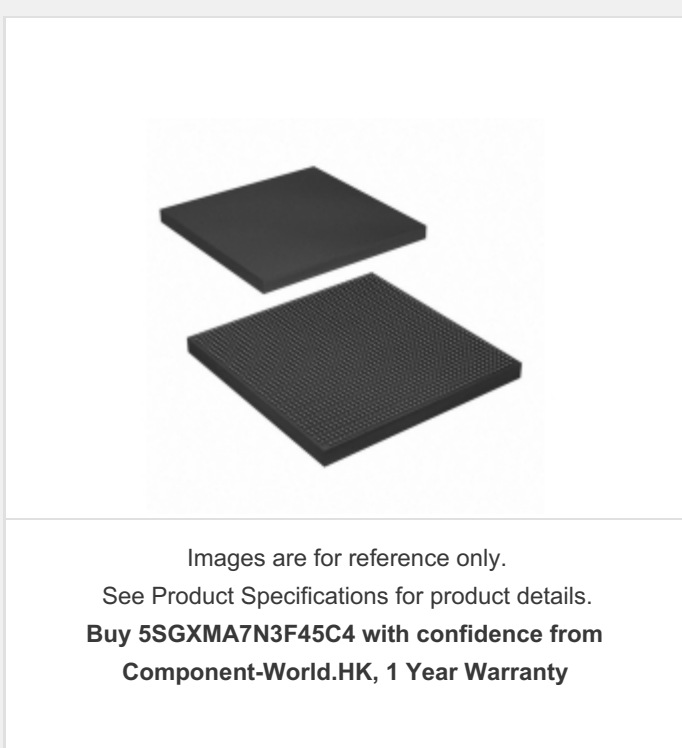


## 5SGXMA7N3F45C4



**Part Number:** [5SGXMA7N3F45C4](#)  
**Manufacturer:** [Altera \(Intel® Programmable Solutions Group\)](#)  
**Description:** IC FPGA 840 I/O 1932FBGA  
**Data sheet:** [Stratix V Device Handbook](#)  
[Stratix V Device Datasheet](#)  
[Stratix V Devices Errata](#)  
[Stratix V Device Overview](#)  
[Virtual JTAG Megafuntion User Guide](#)

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

[Request For Quotation](#)

PRODUCT PARAMETER			
<b>Part Number</b>	5SGXMA7N3F45C4	<b>Manufacturer</b>	<a href="#">Altera (Intel® Programmable Solutions Group)</a>
<b>Description</b>	IC FPGA 840 I/O 1932FBGA	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS Compliant
<b>Quantity Available</b>	16 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="#">Stratix V Device Overview</a> <a href="#">Virtual JTAG Megafuntion 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>	59939840	<b>Supplier Device Package</b>	1932-FBGA, FC (45x45)
<b>Series</b>	Stratix® V GX	<b>Package / Case</b>	1932-BBGA, FCBGA
<b>Operating Temperature</b>	0°C ~ 85°C (TJ)	<b>Number of Logic Elements/Cells</b>	622000
<b>Number of LABs/CLBs</b>	234720	<b>Number of I/O</b>	840
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS Compliant	<b>Base Part Number</b>	5SGXMA7

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	<b>Part#:</b> <a href="#">5SGXMA7N3F45C2</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA9K1H40C2LN</a> <b>Description:</b> IC FPGA 696 I/O 1517HBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F40I3LN</a> <b>Description:</b> IC FPGA 600 I/O 1517FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F45C4N</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F40C4N</a> <b>Description:</b> IC FPGA 600 I/O 1517FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA9K2H40C2N</a> <b>Description:</b> IC FPGA 696 I/O 1517HBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA9K2H40C3N</a> <b>Description:</b> IC FPGA 696 I/O 1517HBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F45I4N</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F45C2N</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F45C3</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">5SGXMA7N3F40I3N</a> <b>Description:</b> IC FPGA 600 I/O 1517FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA9K1H40C2N</a> <b>Description:</b> IC FPGA 696 I/O 1517HBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA9K2H40C2LN</a> <b>Description:</b> IC FPGA 696 I/O 1517HBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">5SGXMA7N3F40I4N</a> <b>Description:</b> IC FPGA 600 I/O 1517FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F45C3N</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F45I3LN</a> <b>Description:</b> IC FPGA 840 I/O 1932FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">5SGXMA7N3F40I3</a> <b>Description:</b> IC FPGA 600 I/O 1517FBGA	<b>Manufacturers:</b> <a href="#">Altera (Intel® Programmable Solutions Group)</a>	<a href="#">RFQ</a>

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