



Altera (Intel® Programmable

### 5SGXEA5N2F45C3N

Part Number: 5SGXEA5N2F45C3N  
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)  
 Product description: IC FPGA 840 I/O 1932FBGA  
 Datasheets: [1.5SGXEA5N2F45C3N.pdf](#)  
[2.5SGXEA5N2F45C3N.pdf](#)  
[3.5SGXEA5N2F45C3N.pdf](#)  
[4.5SGXEA5N2F45C3N.pdf](#)  
[5.5SGXEA5N2F45C3N.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Solutions Group)

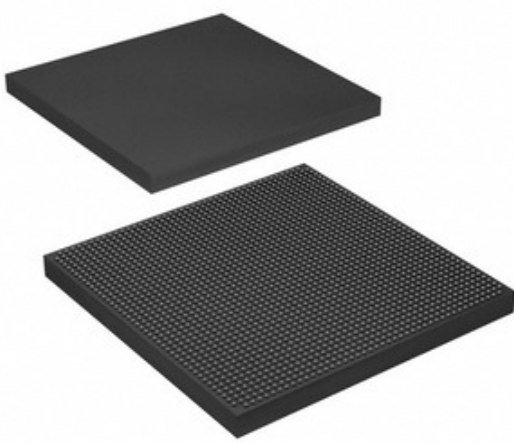


Image may be representation. See specifications for product details.

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#### Specifications of 5SGXEA5N2F45C3N

PART NUMBER	5SGXEA5N2F45C3N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 840 I/O 1932FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.5SGXEA5N2F45C3N.pdf</a> <a href="#">2.5SGXEA5N2F45C3N.pdf</a> <a href="#">3.5SGXEA5N2F45C3N.pdf</a> <a href="#">4.5SGXEA5N2F45C3N.pdf</a> <a href="#">5.5SGXEA5N2F45C3N.pdf</a>
VOLTAGE - SUPPLY	0.82 V ~ 0.88 V
TOTAL RAM BITS	53105664
SUPPLIER DEVICE PACKAGE	1932-FBGA, FC (45x45)
SERIES	Stratix® V GX
PACKAGE / CASE	1932-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	490000
NUMBER OF LABS/CLBS	185000
NUMBER OF I/O	840
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	5SGXEA5

#### Related Tags

Altera (Intel® Programmable Solutions Group) 5SGXEA5N2F45C3N	5SGXEA5N2F45C3N Distributor	5SGXEA5N2F45C3N Supplier
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 <b>5SGXEA5N2F45I2L</b> Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 840 I/O 1932FBGA In stock: Out stock <a href="#">RFQ</a>	 <b>5SGXEA5N2F45C2L</b> Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 840 I/O 1932FBGA In stock: Out stock <a href="#">RFQ</a>
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