




## EP4SGX180FF35I4N

Part Number: EP4SGX180FF35I4N  
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)  
 Product description: IC FPGA 564 I/O 1152FBGA  
 Datasheets: [1.EP4SGX180FF35I4N.pdf](#)  
[2.EP4SGX180FF35I4N.pdf](#)  
[3.EP4SGX180FF35I4N.pdf](#)  
[4.EP4SGX180FF35I4N.pdf](#)  
[5.EP4SGX180FF35I4N.pdf](#)  
[6.EP4SGX180FF35I4N.pdf](#)  
[7.EP4SGX180FF35I4N.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

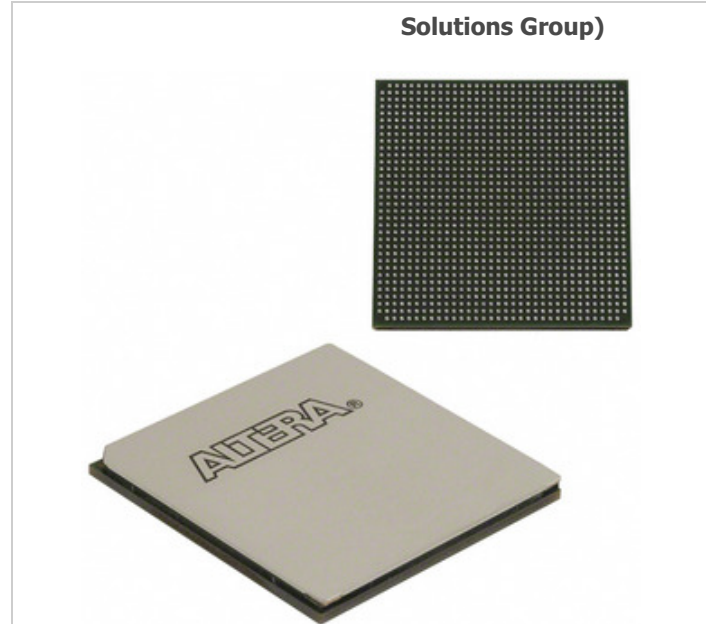


Image may be representation. See specifications for product details.

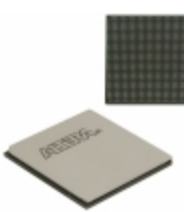
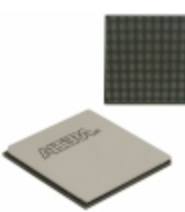
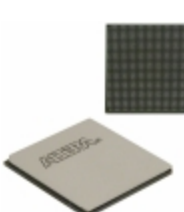
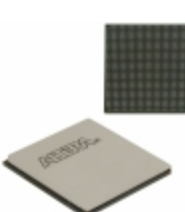



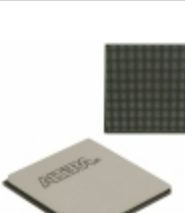




### Specifications of EP4SGX180FF35I4N

PART NUMBER	EP4SGX180FF35I4N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 564 I/O 1152FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.EP4SGX180FF35I4N.pdf</a> <a href="#">2.EP4SGX180FF35I4N.pdf</a> <a href="#">3.EP4SGX180FF35I4N.pdf</a> <a href="#">4.EP4SGX180FF35I4N.pdf</a> <a href="#">5.EP4SGX180FF35I4N.pdf</a> <a href="#">6.EP4SGX180FF35I4N.pdf</a> <a href="#">7.EP4SGX180FF35I4N.pdf</a>
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	13954048
SUPPLIER DEVICE PACKAGE	1152-FBGA (35x35)
SERIES	Stratix® IV GX
PACKAGE / CASE	1152-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	175750
NUMBER OF LABS/CLBS	7030
NUMBER OF I/O	564
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP4SGX180

### Related Tags

Altera (Intel® Programmable Solutions Group) EP4SGX180FF35I4N	EP4SGX180FF35I4N Distributor	EP4SGX180FF35I4N Supplier
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### Related Products

 <p><b>EP4SGX180FF35I3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP4SGX180HF35C2</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EP4SGX180HF35C3</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP4SGX180FF35C4</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EP4SGX180HF35C4</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP4SGX180FF35C4N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EP4SGX180HF35C4N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP4SGX180FF35I3</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EP4SGX180HF35C2N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP4SGX180FF35C3N</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 564 I/O 1152FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
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