



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

EP4SGX180KF40C3

|                     |                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4SGX180KF40C3                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                        |
| Product description | IC FPGA 744 I/O 1517FBGA<br><a href="#">PDF</a> 1.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 2.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 3.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 4.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 5.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 6.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 7.EP4SGX180KF40C3.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

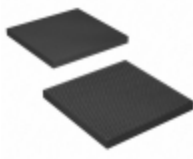
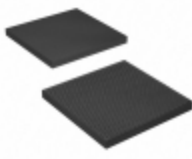
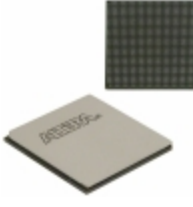
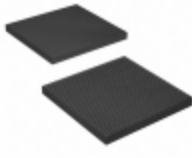
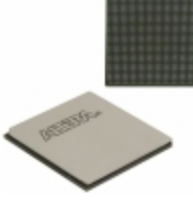
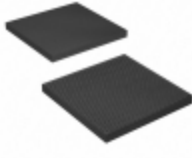
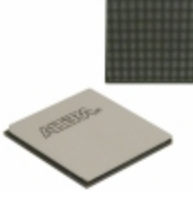
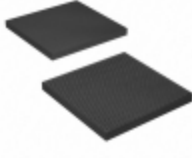
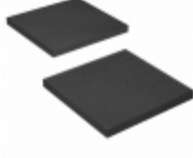
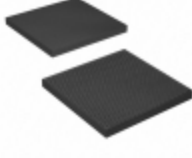
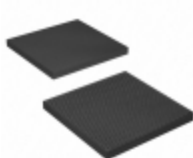
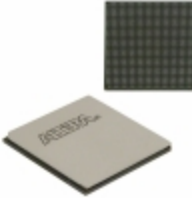
Specifications of EP4SGX180KF40C3

|                                  |                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4SGX180KF40C3                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 744 I/O 1517FBGA                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 2.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 3.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 4.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 5.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 6.EP4SGX180KF40C3.pdf<br><a href="#">PDF</a> 7.EP4SGX180KF40C3.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 13954048                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 1517-FBGA (40x40)                                                                                                                                                                                                                                                                                                       |
| SERIES                           | Stratix® IV GX                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 175750                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LABS/CLBS              | 7030                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 744                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | EP4SGX180                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                                              |                                                       |                                                                  |
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Related Products

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|  <div><b>EP4SGX180KF40C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4SGX180KF40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4SGX180HF35I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4SGX180KF40I4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4SGX180HF35I4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4SGX180KF40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>EP4SGX180HF35I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP4SGX180KF40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>EP4SGX180KF40C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP4SGX180KF40C2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4SGX180KF40C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP4SGX180HF35I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 564 I/O 1152FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |