



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

EP4SGX530KH40I4

|                                       |                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:                          | EP4SGX530KH40I4                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer/Brand:                   | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                        |
| Product description                   | IC FPGA 744 I/O 1517HBGA<br><a href="#">PDF</a> 1.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 2.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 3.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 4.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 5.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 6.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 7.EP4SGX530KH40I4.pdf |
| Datasheets:                           |                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status                           |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                |
| Ship From                             | Hong Kong                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way                          | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                               |
| <a href="#">REQUEST FOR QUOTATION</a> |                                                                                                                                                                                                                                                                                                                                                     |

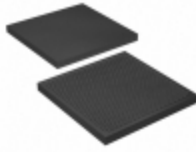
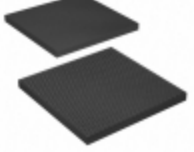
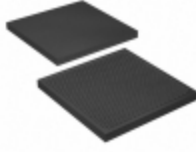
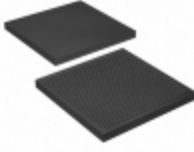
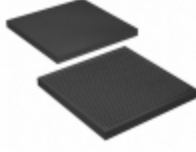
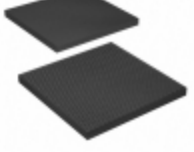
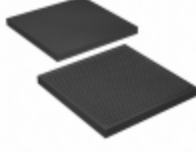
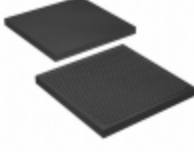
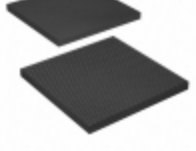
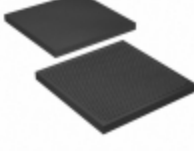
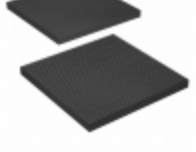
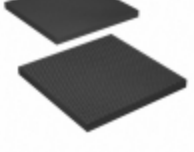
Specifications of EP4SGX530KH40I4

|                                  |                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4SGX530KH40I4                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 744 I/O 1517HBGA                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 2.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 3.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 4.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 5.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 6.EP4SGX530KH40I4.pdf<br><a href="#">PDF</a> 7.EP4SGX530KH40I4.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 28033024                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 1517-HBGA (42.5x42.5)                                                                                                                                                                                                                                                                                                   |
| SERIES                           | Stratix® IV GX                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 1517-BBGA, FCBGA                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 531200                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LABS/CLBS              | 21248                                                                                                                                                                                                                                                                                                                   |
| 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                 | EP4SGX530                                                                                                                                                                                                                                                                                                               |

Related Tags

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| EP4SGX530KH40I4 Price                                        | EP4SGX530KH40I4 Pictures                              | EP4SGX530KH40I4 Image                                            |
| EP4SGX530KH40I4 PDF Datasheet                                | EP4SGX530KH40I4 Download Datasheet                    | EP4SGX530KH40I4 Datasheet                                        |
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Related Products

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| <div></div> <div><b>EP4SGX530KH40I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   | <div></div> <div><b>EP4SGX530NF45C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
| <div></div> <div><b>EP4SGX530KH40I3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   | <div></div> <div><b>EP4SGX530KH40C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
| <div></div> <div><b>EP4SGX530KH40C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   | <div></div> <div><b>EP4SGX530NF45C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
| <div></div> <div><b>EP4SGX530KH40C3NES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> | <div></div> <div><b>EP4SGX530KH40I3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
| <div></div> <div><b>EP4SGX530NF45C2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    | <div></div> <div><b>EP4SGX530KH40C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
| <div></div> <div><b>EP4SGX530NF45C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   | <div></div> <div><b>EP4SGX530NF45C3ES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 904 I/O 1932FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |