



Altera (Intel® Programmable

Solutions Group)

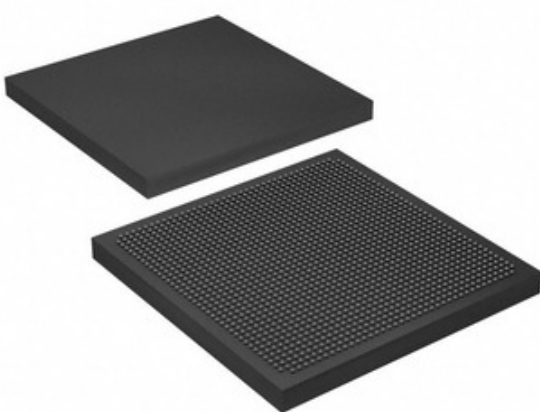


Image may be representation. See specifications for product details.

EP4SGX530KH40I4N

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:                                                               | EP4SGX530KH40I4N                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer/Brand:                                                        | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                             |
| Product description                                                        | IC FPGA 744 I/O 1517HBGA <div><div>PDF</div>1.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>2.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>3.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>4.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>5.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>6.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>7.EP4SGX530KH40I4N.pdf</div> |
| Datasheets:                                                                |                                                                                                                                                                                                                                                                                                                                                                          |
| RoHs Status                                                                | <div><div>RoHS</div><div>✓</div></div> Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                        |
| Stock Condition                                                            | 10 pcs stock                                                                                                                                                                                                                                                                                                                                                             |
| Ship From                                                                  | Hong Kong                                                                                                                                                                                                                                                                                                                                                                |
| <div>REQUEST FOR QUOTATION</div> <div>by Air/Sea/Express/TNT/UPS/EMS</div> |                                                                                                                                                                                                                                                                                                                                                                          |

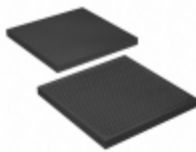
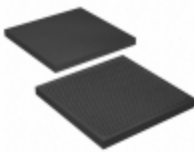
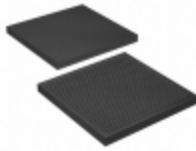
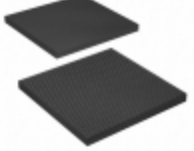
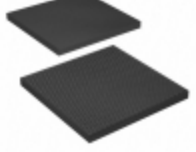
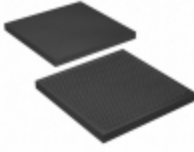
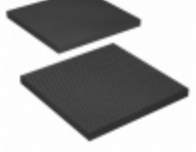
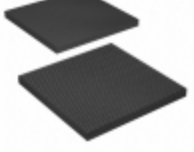
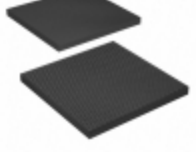
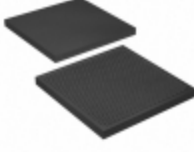
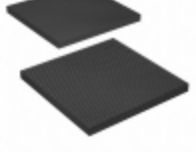
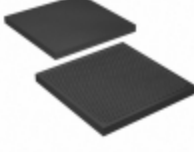
Specifications of EP4SGX530KH40I4N

|                                  |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4SGX530KH40I4N                                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 744 I/O 1517HBGA                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 10 pcs                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>PDF</div>1.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>2.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>3.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>4.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>5.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>6.EP4SGX530KH40I4N.pdf</div> <div><div>PDF</div>7.EP4SGX530KH40I4N.pdf</div> |
| 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   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | EP4SGX530                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                                  |                                                       |                                                                      |
|------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP4SGX530KH40I4N | EP4SGX530KH40I4N Distributor                          | EP4SGX530KH40I4N Supplier                                            |
| EP4SGX530KH40I4N Price                                           | EP4SGX530KH40I4N Pictures                             | EP4SGX530KH40I4N Image                                               |
| EP4SGX530KH40I4N PDF Datasheet                                   | EP4SGX530KH40I4N Download Datasheet                   | EP4SGX530KH40I4N Datasheet                                           |
| EP4SGX530KH40I4N Stock                                           | Buy EP4SGX530KH40I4N                                  | Buy Altera (Intel® Programmable Solutions Group)<br>EP4SGX530KH40I4N |
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Related Products

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| <div></div> <div>EP4SGX530KH40I3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: 7 pcs</div> <div>RFQ</div>      | <div></div> <div>EP4SGX530KH40C3NES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: 4079 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4SGX530KH40C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: 11 pcs</div> <div>RFQ</div>     | <div></div> <div>EP4SGX530NF45C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>       |
| <div></div> <div>EP4SGX530NF45C2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: 6 pcs</div> <div>RFQ</div>       | <div></div> <div>EP4SGX530KH40I4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>       |
| <div></div> <div>EP4SGX530NF45C3NES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 904 I/O 1932FBGA<br/>In stock: 4652 pcs</div> <div>RFQ</div> | <div></div> <div>EP4SGX530NF45C3ES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 904 I/O 1932FBGA<br/>In stock: 6295 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4SGX530NF45C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>      | <div></div> <div>EP4SGX530KH40C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: 12 pcs</div> <div>RFQ</div>      |
| <div></div> <div>EP4SGX530NF45C2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 920 I/O 1932FBGA<br/>In stock: 7 pcs</div> <div>RFQ</div>      | <div></div> <div>EP4SGX530KH40I3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 744 I/O 1517HBGA<br/>In stock: 8 pcs</div> <div>RFQ</div>       |