



Intel® FPGAs

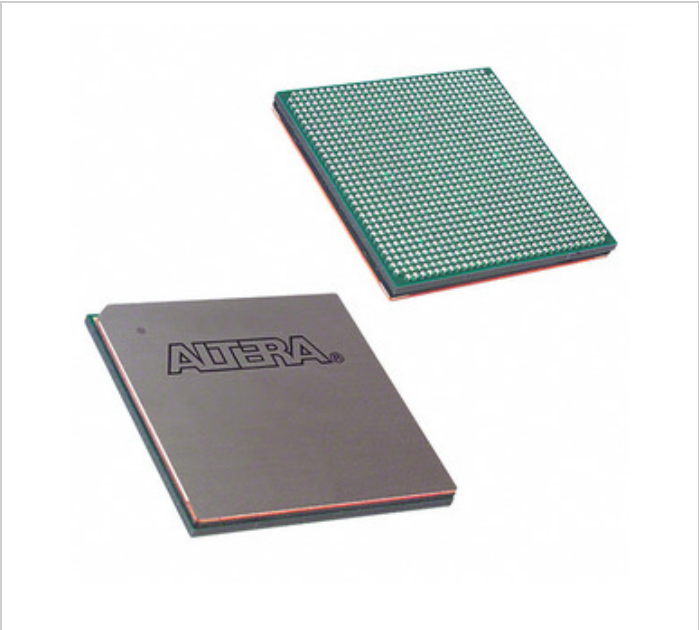


Image may be representation. See specifications for product details.

EP1SGX25DF1020C5

|                     |                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1SGX25DF1020C5                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                                                     |
| Product description | IC FPGA 607 I/O 1020FBGA <div><a href="#">PDF</a> 1.EP1SGX25DF1020C5.pdf</div> <div><a href="#">PDF</a> 2.EP1SGX25DF1020C5.pdf</div> <div><a href="#">PDF</a> 3.EP1SGX25DF1020C5.pdf</div> <div><a href="#">PDF</a> 4.EP1SGX25DF1020C5.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                  |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                            |

REQUEST FOR QUOTATION

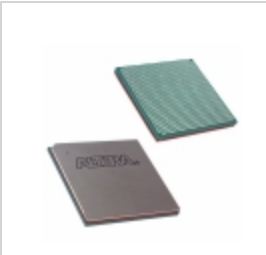
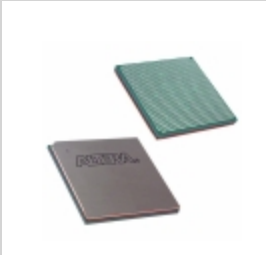
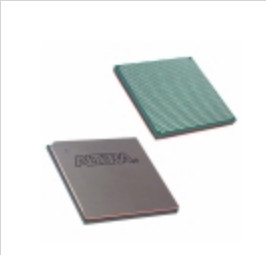
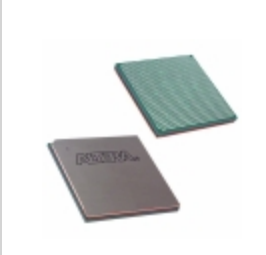
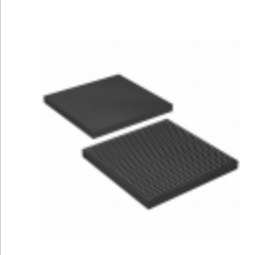
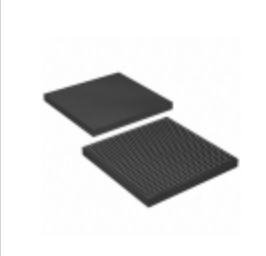
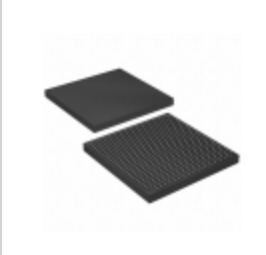
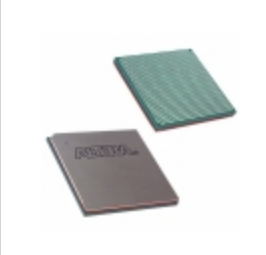
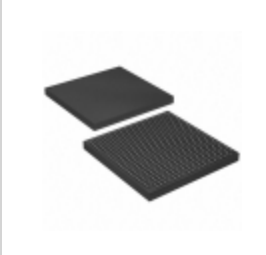
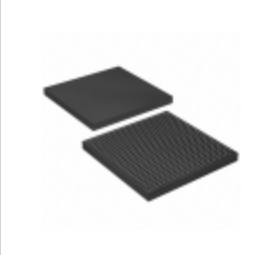
Specifications of EP1SGX25DF1020C5

|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1SGX25DF1020C5                                                                                                                                                                                                        |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 607 I/O 1020FBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                      |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP1SGX25DF1020C5.pdf</div> <div><a href="#">PDF</a> 2.EP1SGX25DF1020C5.pdf</div> <div><a href="#">PDF</a> 3.EP1SGX25DF1020C5.pdf</div> <div><a href="#">PDF</a> 4.EP1SGX25DF1020C5.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                                                                       |
| TOTAL RAM BITS                   | 1944576                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1020-FBGA (33x33)                                                                                                                                                                                                       |
| SERIES                           | Stratix® GX                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 1020-BBGA                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 25660                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 2566                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 607                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                      |
| BASE PART NUMBER                 | EP1SGX25                                                                                                                                                                                                                |

Related Tags

|                                |                                     |                                   |
|--------------------------------|-------------------------------------|-----------------------------------|
| Intel® FPGAs EP1SGX25DF1020C5  | EP1SGX25DF1020C5 Distributor        | EP1SGX25DF1020C5 Supplier         |
| EP1SGX25DF1020C5 Price         | EP1SGX25DF1020C5 Pictures           | EP1SGX25DF1020C5 Image            |
| EP1SGX25DF1020C5 PDF Datasheet | EP1SGX25DF1020C5 Download Datasheet | EP1SGX25DF1020C5 Datasheet        |
| EP1SGX25DF1020C5 Stock         | Buy EP1SGX25DF1020C5                | Buy Intel® FPGAs EP1SGX25DF1020C5 |
| Intel® FPGAs EP1SGX25DF1020C5  | Intel® FPGAs Supplier               | Intel® FPGAs Distributor          |
| Intel® FPGAs EP1SGX25DF1020C5  |                                     |                                   |

Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP1SGX25DF1020C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 607 I/O 1020FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                               | <div></div> <div><b>EP1SGX25CF672C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 455 I/O 672FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EP1SGX25DF1020C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 607 I/O 1020FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                               | <div></div> <div><b>EP1SGX25DF1020C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 455 I/O 1020FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>EP1SGX25DF1020C5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 607 I/O 1020FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                               | <div></div> <div><b>EP1SGX25CF672I6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 455 I/O 672FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EP1SGX25DF1020C6B</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>EP1SGX25CF672C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 455 I/O 672FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EP1SGX25CF672C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 455 I/O 672FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  | <div></div> <div><b>EP1SGX25DF1020C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 607 I/O 1020FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>EP1SGX25CF672C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 455 I/O 672FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>EP1SGX25CF672I6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 455 I/O 672FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |