



Intel® FPGAs

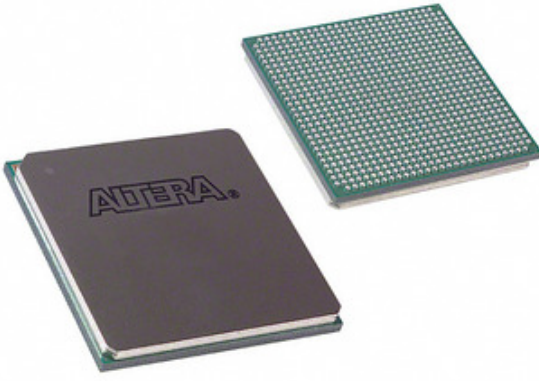


Image may be representation. See specifications for product details.

EP4SGX70DF29I4

|                     |                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4SGX70DF29I4                                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                        |
| Product description | IC FPGA 372 I/O 780FBGA <div><a href="#">PDF</a> 1.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 2.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 3.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 4.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 5.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 6.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 7.EP4SGX70DF29I4.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

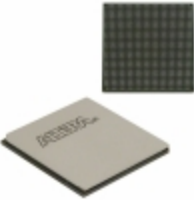
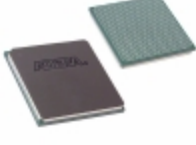
Specifications of EP4SGX70DF29I4

|                                  |                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4SGX70DF29I4                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 372 I/O 780FBGA                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 2.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 3.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 4.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 5.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 6.EP4SGX70DF29I4.pdf</div> <div><a href="#">PDF</a> 7.EP4SGX70DF29I4.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                                                             |
| TOTAL RAM BITS                   | 7564880                                                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | Stratix® IV GX                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 72600                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LABS/CLBS              | 2904                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 372                                                                                                                                                                                                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | EP4SGX70                                                                                                                                                                                                                                                                                                                                                                    |

Related Tags

|                              |                                   |                                 |
|------------------------------|-----------------------------------|---------------------------------|
| Intel® FPGAs EP4SGX70DF29I4  | EP4SGX70DF29I4 Distributor        | EP4SGX70DF29I4 Supplier         |
| EP4SGX70DF29I4 Price         | EP4SGX70DF29I4 Pictures           | EP4SGX70DF29I4 Image            |
| EP4SGX70DF29I4 PDF Datasheet | EP4SGX70DF29I4 Download Datasheet | EP4SGX70DF29I4 Datasheet        |
| EP4SGX70DF29I4 Stock         | Buy EP4SGX70DF29I4                | Buy Intel® FPGAs EP4SGX70DF29I4 |
| Intel® FPGAs EP4SGX70DF29I4  | Intel® FPGAs Supplier             | Intel® FPGAs Distributor        |
| Intel® FPGAs EP4SGX70DF29I4  |                                   |                                 |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP4SGX70DF29I3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 372 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                 | <div></div> <div><b>EP4SGX70HF35C3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                |
| <div></div> <div><b>EP4SGX70DF29C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 372 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP4SGX70DF29C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 372 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EP4SGX70HF35C3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                | <div></div> <div><b>EP4SGX70HF35C2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 1152FBGA<br/>In stock: 12 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>EP4SGX70DF29C3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 372 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                | <div></div> <div><b>EP4SGX70DF29C3G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                            |
| <div></div> <div><b>EP4SGX70DF29I3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 372 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                | <div></div> <div><b>EP4SGX70HF35C2</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                 |
| <div></div> <div><b>EP4SGX70DF29I4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 372 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                | <div></div> <div><b>EP4SGX70HF35C2G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                |