



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

Part Number:EP2SGX90EF1152C5

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product descriptionIC FPGA 558 I/O 1152FBGA

1.EP2SGX90EF1152C5.pdf

2.EP2SGX90EF1152C5.pdf

3.EP2SGX90EF1152C5.pdf

4.EP2SGX90EF1152C5.pdf

5.EP2SGX90EF1152C5.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Stock Condition36 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

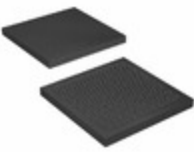
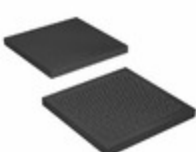
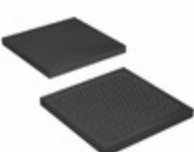
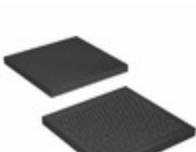
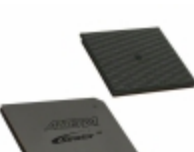
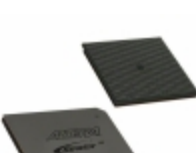
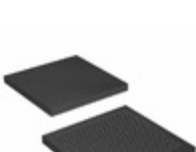
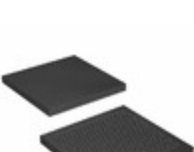
Specifications of EP2SGX90EF1152C5

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2SGX90EF1152C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 558 I/O 1152FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 36 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div>1.EP2SGX90EF1152C5.pdf</div> <div>2.EP2SGX90EF1152C5.pdf</div> <div>3.EP2SGX90EF1152C5.pdf</div> <div>4.EP2SGX90EF1152C5.pdf</div> <div>5.EP2SGX90EF1152C5.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 4520448                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Stratix® II GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 90960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 4548                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 558                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | EP2SGX90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                                  |                                                       |                                                                      |
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Related Products

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| <div></div> <div>EP2SGX90EF1152C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 40 pcs</div> <div>RFQ</div>    | <div></div> <div>EP2SGX90EF1152C4ES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 4822 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP2SGX90EF1152I4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 21 pcs</div> <div>RFQ</div>     | <div></div> <div>EP2SGX90EF1152C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 25 pcs</div> <div>RFQ</div>    |
| <div></div> <div>EP2SGX90EF1152C5ES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 6911 pcs</div> <div>RFQ</div> | <div></div> <div>EP2SGX90EF1152C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>     |
| <div></div> <div>EP2SGX90EF1152C3ES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 6791 pcs</div> <div>RFQ</div> | <div></div> <div>EP2SGX90FF1508C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 650 I/O 1508FBGA</div> <div>In stock: 21 pcs</div> <div>RFQ</div>    |
| <div></div> <div>EP2SGX90FF1508C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 650 I/O 1508FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div>     | <div></div> <div>EP2SGX90EF1152C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 21 pcs</div> <div>RFQ</div>    |
| <div></div> <div>EP2SGX90EF1152C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 23 pcs</div> <div>RFQ</div>     | <div></div> <div>EP2SGX90EF1152I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 558 I/O 1152FBGA</div> <div>In stock: 21 pcs</div> <div>RFQ</div>    |

