



Altera (Intel® Programmable Solutions Group)

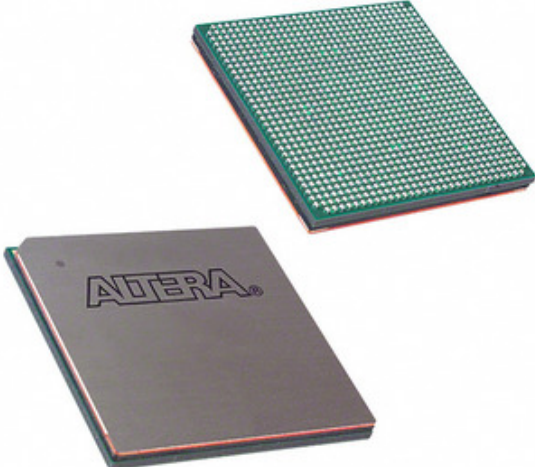


Image may be representation. See specifications for product details.

EP2S90F1020C5N

|                     |                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2S90F1020C5N                                                                                                                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                             |
| Product description | IC FPGA 758 I/O 1020FBGA<br><a href="#">PDF</a> 1.EP2S90F1020C5N.pdf<br><a href="#">PDF</a> 2.EP2S90F1020C5N.pdf<br><a href="#">PDF</a> 3.EP2S90F1020C5N.pdf<br><a href="#">PDF</a> 4.EP2S90F1020C5N.pdf |
| Datasheets:         |                                                                                                                                                                                                          |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                    |

REQUEST FOR QUOTATION

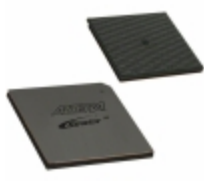
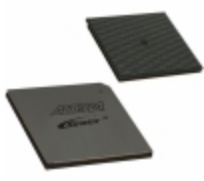
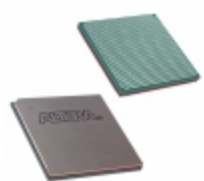
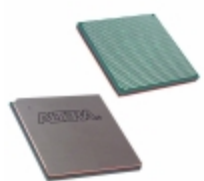
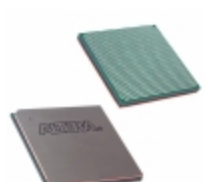
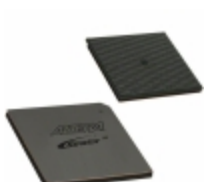
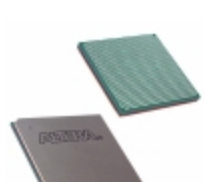
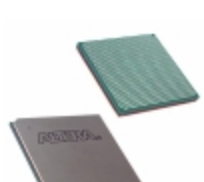
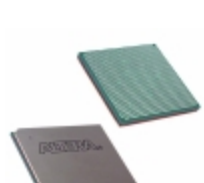
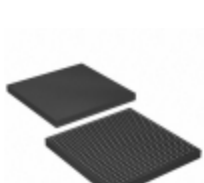
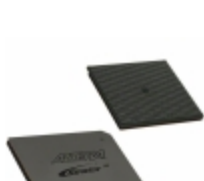
Specifications of EP2S90F1020C5N

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2S90F1020C5N                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 758 I/O 1020FBGA                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                   |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP2S90F1020C5N.pdf<br><a href="#">PDF</a> 2.EP2S90F1020C5N.pdf<br><a href="#">PDF</a> 3.EP2S90F1020C5N.pdf<br><a href="#">PDF</a> 4.EP2S90F1020C5N.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                              |
| TOTAL RAM BITS                   | 4520488                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1020-FBGA (33x33)                                                                                                                                                            |
| SERIES                           | Stratix® II                                                                                                                                                                  |
| PACKAGE / CASE                   | 1020-BBGA                                                                                                                                                                    |
| OTHER NAMES                      | 544-1918<br>EP2S90F1020C5N-ND                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 90960                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 4548                                                                                                                                                                         |
| NUMBER OF I/O                    | 758                                                                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                   |
| BASE PART NUMBER                 | EP2S90                                                                                                                                                                       |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP2S90F1020C5N | EP2S90F1020C5N Distributor                            | EP2S90F1020C5N Supplier                                         |
| EP2S90F1020C5N Price                                        | EP2S90F1020C5N Pictures                               | EP2S90F1020C5N Image                                            |
| EP2S90F1020C5N PDF Datasheet                                | EP2S90F1020C5N Download Datasheet                     | EP2S90F1020C5N Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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|  <div><b>EP2S90F1508C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 1508FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EP2S90F1508C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 1508FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>EP2S90F1020I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EP2S90F1020C5</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EP2S90F1020C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EP2S90F1508C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 1508FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EP2S90F1020C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EP2S90F1020I4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EP2S90F1020C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EP2S60F672I4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 492 I/O 672FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                                   |
|  <div><b>EP2S90F1508C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 1508FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EP2S90F1020C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 758 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |