



Altera (Intel® Programmable

Solutions Group)

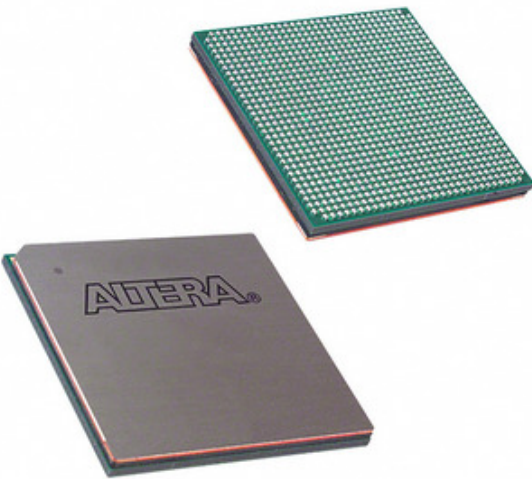


Image may be representation. See specifications for product details.

EP2S90F1020C5N

|                     |                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2S90F1020C5N                                                                                                                                                       |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                         |
| Product description | IC FPGA 758 I/O 1020FBGA <div>PDF1.EP2S90F1020C5N.pdf</div> <div>PDF2.EP2S90F1020C5N.pdf</div> <div>PDF3.EP2S90F1020C5N.pdf</div> <div>PDF4.EP2S90F1020C5N.pdf</div> |
| Datasheets:         |                                                                                                                                                                      |
| RoHs Status         | <div></div> Lead free / RoHS Compliant                                              |
| Stock Condition     | 36 pcs stock                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                |

REQUEST FOR QUOTATION

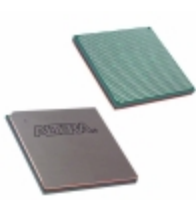
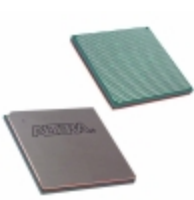
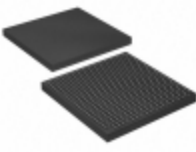
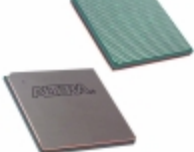
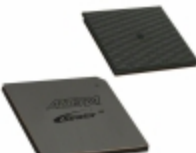
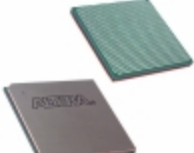
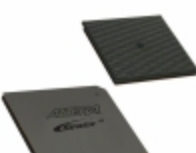
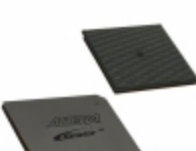
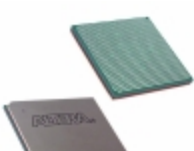
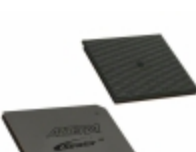
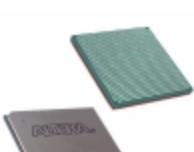
Specifications of EP2S90F1020C5N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 36 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div>1.EP2S90F1020C5N.pdf</div> <div>2.EP2S90F1020C5N.pdf</div> <div>3.EP2S90F1020C5N.pdf</div> <div>4.EP2S90F1020C5N.pdf</div> |
| 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

|                                                                |                                                       |                                                                    |
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Related Products

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| <div></div> <div>EP2S90F1020C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 30 pcs</div> <div>RFQ</div> | <div></div> <div>EP2S90F1020C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 25 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP2S60F672I4N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 492 I/O 672FBGA</div> <div>In stock: 60 pcs</div> <div>RFQ</div>                                   | <div></div> <div>EP2S90F1020C5</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 34 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP2S90F1508C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 902 I/O 1508FBGA</div> <div>In stock: 20 pcs</div> <div>RFQ</div>  | <div></div> <div>EP2S90F1020C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 25 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP2S90F1508C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 902 I/O 1508FBGA</div> <div>In stock: 23 pcs</div> <div>RFQ</div> | <div></div> <div>EP2S90F1020C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP2S90F1508C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 902 I/O 1508FBGA</div> <div>In stock: 23 pcs</div> <div>RFQ</div>  | <div></div> <div>EP2S90F1020I4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP2S90F1508C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 902 I/O 1508FBGA</div> <div>In stock: 20 pcs</div> <div>RFQ</div> | <div></div> <div>EP2S90F1020I4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 758 I/O 1020FBGA</div> <div>In stock: 20 pcs</div> <div>RFQ</div> |