



Altera (Intel® Programmable Solutions Group)



EP2S90F780C5

|                     |                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2S90F780C5                                                                                                                                                                                    |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                    |
| Product description | IC FPGA 534 I/O 780FBGA<br><a href="#">PDF</a> 1.EP2S90F780C5.pdf<br><a href="#">PDF</a> 2.EP2S90F780C5.pdf<br><a href="#">PDF</a> 3.EP2S90F780C5.pdf<br><a href="#">PDF</a> 4.EP2S90F780C5.pdf |
| Datasheets:         |                                                                                                                                                                                                 |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                           |

REQUEST FOR QUOTATION

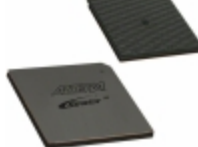
Specifications of EP2S90F780C5

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2S90F780C5                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                         |
| DESCRIPTION                      | IC FPGA 534 I/O 780FBGA                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                   |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP2S90F780C5.pdf<br><a href="#">PDF</a> 2.EP2S90F780C5.pdf<br><a href="#">PDF</a> 3.EP2S90F780C5.pdf<br><a href="#">PDF</a> 4.EP2S90F780C5.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                      |
| TOTAL RAM BITS                   | 4520488                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                     |
| SERIES                           | Stratix® II                                                                                                                                                          |
| PACKAGE / CASE                   | 780-BBGA                                                                                                                                                             |
| OTHER NAMES                      | 544-2168                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 90960                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 4548                                                                                                                                                                 |
| NUMBER OF I/O                    | 534                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                   |
| BASE PART NUMBER                 | EP2S90                                                                                                                                                               |

Related Tags

|                                                           |                                                       |                                                               |
|-----------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP2S90F780C5 | EP2S90F780C5 Distributor                              | EP2S90F780C5 Supplier                                         |
| EP2S90F780C5 Price                                        | EP2S90F780C5 Pictures                                 | EP2S90F780C5 Image                                            |
| EP2S90F780C5 PDF Datasheet                                | EP2S90F780C5 Download Datasheet                       | EP2S90F780C5 Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP2S90F780C5 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor      |
| Altera (Intel® Programmable Solutions Group) EP2S90F780C5 | Altera EP2S90F780C5                                   | Altera (Intel® Programmable Solutions Group) EP2S90F780C5     |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP2S90F780I4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 534 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>EP2SGX130GF1508C3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 734 I/O 1508FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>EP2S90F780C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 534 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>EP2SGX130GF1508C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 734 I/O 1508FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP2S90F1508C5</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 534 I/O 1508FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>EP2S90F1508C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 1508FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>EP2S90F780C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>EP2S90F1508I4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 902 I/O 1508FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>EP2SGX130GF1508C3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 534 I/O 1508FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP2S90F780C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 534 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
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