



Altera (Intel® Programmable Solutions Group)



Solutions Group)

Image may be representation. See specifications for product details.

EP2S90F780I4N

|                     |                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2S90F780I4N                                                                                                                                                                                               |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                |
| Product description | IC FPGA 534 I/O 780FBGA <div><div>PDF</div>1.EP2S90F780I4N.pdf</div> <div><div>PDF</div>2.EP2S90F780I4N.pdf</div> <div><div>PDF</div>3.EP2S90F780I4N.pdf</div> <div><div>PDF</div>4.EP2S90F780I4N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                             |
| RoHs Status         | <div><div>✓</div><div>RoHS</div></div> Lead free / RoHS Compliant                                                                                                                                           |
| Stock Condition     | 21 pcs stock                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Specifications of EP2S90F780I4N

|                                  |                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2S90F780I4N                                                                                                                                                                       |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 534 I/O 780FBGA                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                          |
| QUANTITY AVAILABLE               | 21 pcs                                                                                                                                                                              |
| DATA SHEET                       | <div><div>PDF</div>1.EP2S90F780I4N.pdf</div> <div><div>PDF</div>2.EP2S90F780I4N.pdf</div> <div><div>PDF</div>3.EP2S90F780I4N.pdf</div> <div><div>PDF</div>4.EP2S90F780I4N.pdf</div> |
| 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                      | 544-2171                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°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   | Lead free / RoHS Compliant                                                                                                                                                          |
| BASE PART NUMBER                 | EP2S90                                                                                                                                                                              |

Related Tags

|                                                            |                                                       |                                                                |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP2S90F780I4N | EP2S90F780I4N Distributor                             | EP2S90F780I4N Supplier                                         |
| EP2S90F780I4N Price                                        | EP2S90F780I4N Pictures                                | EP2S90F780I4N Image                                            |
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| Altera (Intel® Programmable Solutions Group) EP2S90F780I4N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor       |
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Related Products

|                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP2S90F780C5</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 534 I/O 780FBGA</div> <div>In stock: 37 pcs</div> <div>RFQ</div>         | <div></div> <div>EP2SGX130GF1508C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 734 I/O 1508FBGA</div> <div>In stock: 21 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP2S90F780I4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 534 I/O 780FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div>         | <div></div> <div>EP2S90F780C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 534 I/O 780FBGA</div> <div>In stock: 33 pcs</div> <div>RFQ</div>       |
| <div></div> <div>EP2SGX130GF1508C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 734 I/O 1508FBGA</div> <div>In stock: 12 pcs</div> <div>RFQ</div>   | <div></div> <div>EP2SGX130GF1508C5</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 734 I/O 1508FBGA</div> <div>In stock: 16 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP2SGX130GF1508C4N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 734 I/O 1508FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div>  | <div></div> <div>EP2S90F780C4</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 534 I/O 780FBGA</div> <div>In stock: 28 pcs</div> <div>RFQ</div>        |
| <div></div> <div>EP2S90F1508I4N</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>EP2S90F780C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 534 I/O 780FBGA</div> <div>In stock: 31 pcs</div> <div>RFQ</div>       |
| <div></div> <div>EP2SGX130GF1508C3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 734 I/O 1508FBGA</div> <div>In stock: 4879 pcs</div> <div>RFQ</div> | <div></div> <div>EP2SGX130GF1508C3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 734 I/O 1508FBGA</div> <div>In stock: 13 pcs</div> <div>RFQ</div> |