



Altera (Intel® Programmable Solutions Group)

Solutions Group)



Image may be representation. See specifications for product details.

EP1S10F780I6N

|                     |                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1S10F780I6N                                                                                                                                                                                       |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                        |
| Product description | IC FPGA 426 I/O 780FBGA<br><a href="#">PDF</a> 1.EP1S10F780I6N.pdf<br><a href="#">PDF</a> 2.EP1S10F780I6N.pdf<br><a href="#">PDF</a> 3.EP1S10F780I6N.pdf<br><a href="#">PDF</a> 4.EP1S10F780I6N.pdf |
| Datasheets:         |                                                                                                                                                                                                     |
| RoHS Status         |  Lead free / RoHS Compliant                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                               |

REQUEST FOR QUOTATION

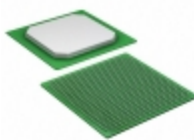
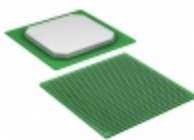
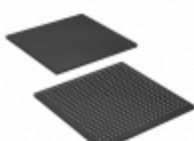
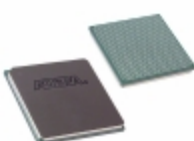
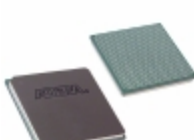
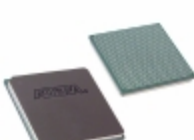
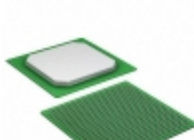
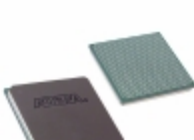
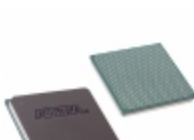
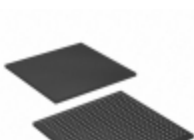
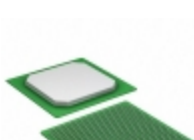
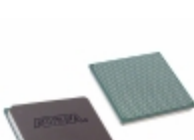
Specifications of EP1S10F780I6N

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1S10F780I6N                                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                             |
| DESCRIPTION                      | IC FPGA 426 I/O 780FBGA                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                               |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP1S10F780I6N.pdf<br><a href="#">PDF</a> 2.EP1S10F780I6N.pdf<br><a href="#">PDF</a> 3.EP1S10F780I6N.pdf<br><a href="#">PDF</a> 4.EP1S10F780I6N.pdf |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                        |
| TOTAL RAM BITS                   | 920448                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                         |
| SERIES                           | Stratix®                                                                                                                                                                 |
| PACKAGE / CASE                   | 780-BBGA                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 10570                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 1057                                                                                                                                                                     |
| NUMBER OF I/O                    | 426                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                               |
| BASE PART NUMBER                 | EP1S10                                                                                                                                                                   |

Related Tags

|                                                            |                                                       |                                                                |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP1S10F780I6N | EP1S10F780I6N Distributor                             | EP1S10F780I6N Supplier                                         |
| EP1S10F780I6N Price                                        | EP1S10F780I6N Pictures                                | EP1S10F780I6N Image                                            |
| EP1S10F780I6N PDF Datasheet                                | EP1S10F780I6N Download Datasheet                      | EP1S10F780I6N Datasheet                                        |
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Related Products

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|  <div><b>EP1S20B672C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 672BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>EP1S20B672C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 672BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP1S20F484C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 361 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP1S10F780C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>EP1S10F780C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP1S10F780C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>EP1S20B672C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 672BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>EP1S10F780I6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP1S10F780C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |  <div><b>EP1S20F484C5</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 361 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP1S20B672C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 672BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP1S10F780C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: 2 pcs<br/><div>RFQ</div></div>      |