



Altera (Intel® Programmable Solutions Group)

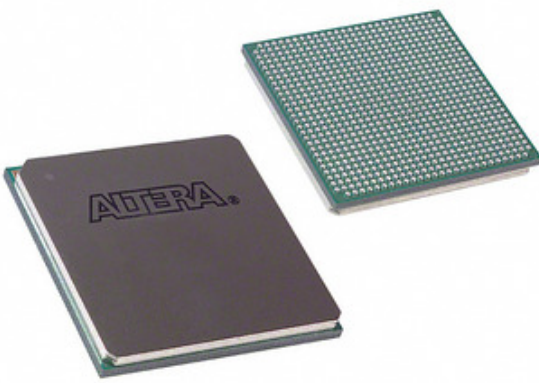


Image may be representation. See specifications for product details.

EP1S20F780I6N

|                     |                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1S20F780I6N                                                                                                                                                                       |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                        |
| Product description | IC FPGA 586 I/O 780FBGA<br><a href="#">1.EP1S20F780I6N.pdf</a><br><a href="#">2.EP1S20F780I6N.pdf</a><br><a href="#">3.EP1S20F780I6N.pdf</a><br><a href="#">4.EP1S20F780I6N.pdf</a> |
| Datasheets:         |                                                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                                        |
| Stock Condition     | 5771 pcs stock                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                               |

REQUEST FOR QUOTATION

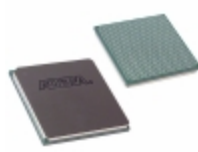
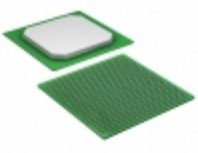
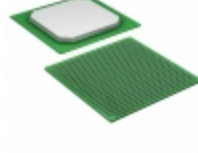
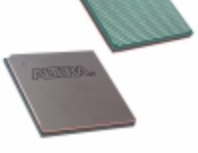
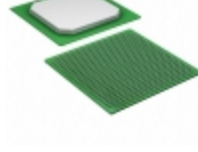
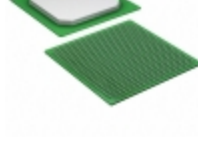
Specifications of EP1S20F780I6N

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1S20F780I6N                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                             |
| DESCRIPTION                      | IC FPGA 586 I/O 780FBGA                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| QUANTITY AVAILABLE               | 5771 pcs                                                                                                                                                 |
| DATA SHEET                       | <a href="#">1.EP1S20F780I6N.pdf</a><br><a href="#">2.EP1S20F780I6N.pdf</a><br><a href="#">3.EP1S20F780I6N.pdf</a><br><a href="#">4.EP1S20F780I6N.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                        |
| TOTAL RAM BITS                   | 1669248                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                         |
| SERIES                           | Stratix®                                                                                                                                                 |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 18460                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 1846                                                                                                                                                     |
| NUMBER OF I/O                    | 586                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| BASE PART NUMBER                 | EP1S20                                                                                                                                                   |

Related Tags

|                                                            |                                                       |                                                                |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP1S20F780I6N | EP1S20F780I6N Distributor                             | EP1S20F780I6N Supplier                                         |
| EP1S20F780I6N Price                                        | EP1S20F780I6N Pictures                                | EP1S20F780I6N Image                                            |
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Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                      |
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|  <div><b>EP1S20F780C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 586 I/O 780FBGA<br/>In stock: 6727 pcs<br/><b>RFQ</b></div>                                   |  <div><b>EP1S25F1020C5</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 706 I/O 1020FBGA<br/>In stock: 6827 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EP1S20F780I6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 586 I/O 780FBGA<br/>In stock: 4987 pcs<br/><b>RFQ</b></div>   |  <div><b>EP1S25B672C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 473 I/O 672BGA<br/>In stock: 4314 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EP1S20F780C6GA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA STRATIX 780FBGA<br/>In stock: 3700 pcs<br/><b>RFQ</b></div> |  <div><b>EP1S20F780C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 586 I/O 780FBGA<br/>In stock: 4512 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EP1S25B672C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 473 I/O 672BGA<br/>In stock: 4924 pcs<br/><b>RFQ</b></div>    |  <div><b>EP1S25F1020C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 586 I/O 1020FBGA<br/>In stock: 6270 pcs<br/><b>RFQ</b></div> |
|  <div><b>EP1S25B672C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 473 I/O 672BGA<br/>In stock: 5080 pcs<br/><b>RFQ</b></div>   |  <div><b>EP1S20F780C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 586 I/O 780FBGA<br/>In stock: 6258 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EP1S25B672C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 473 I/O 672BGA<br/>In stock: 4551 pcs<br/><b>RFQ</b></div>    |  <div><b>EP1S20F780C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 586 I/O 780FBGA<br/>In stock: 5036 pcs<br/><b>RFQ</b></div>                                    |

