



Altera (Intel® Programmable 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 <div>PDF1.EP1S10F780I6N.pdf</div> <div>PDF2.EP1S10F780I6N.pdf</div> <div>PDF3.EP1S10F780I6N.pdf</div> <div>PDF4.EP1S10F780I6N.pdf</div> |
| Datasheets:         |                                                                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant                                                    |
| Stock Condition     | 4903 pcs stock                                                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                           |

REQUEST FOR QUOTATION

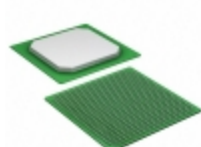
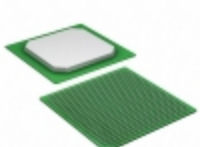
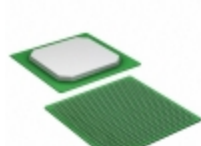
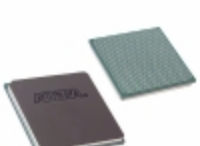
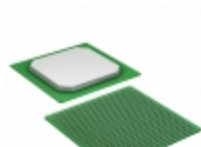
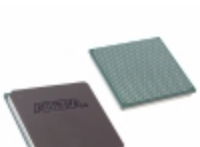
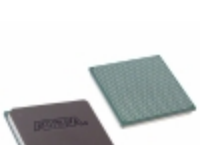
Specifications of EP1S10F780I6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 4903 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       | <div> 1.EP1S10F780I6N.pdf</div> <div> 2.EP1S10F780I6N.pdf</div> <div> 3.EP1S10F780I6N.pdf</div> <div> 4.EP1S10F780I6N.pdf</div> |
| 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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| Altera (Intel® Programmable Solutions Group) EP1S10F780I6N | Altera EP1S10F780I6N                                  | Altera (Intel® Programmable Solutions Group) EP1S10F780I6N     |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                             |
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| <div></div> <div>EP1S10F780C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 780FBGA</div> <div>In stock: 3784 pcs</div> <div>RFQ</div> | <div></div> <div>EP1S10F780C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 780FBGA</div> <div>In stock: 6453 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP1S20B672C6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672BGA</div> <div>In stock: 3489 pcs</div> <div>RFQ</div>   | <div></div> <div>EP1S20B672C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672BGA</div> <div>In stock: 4561 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP1S20B672C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672BGA</div> <div>In stock: 4064 pcs</div> <div>RFQ</div>  | <div></div> <div>EP1S10F780C7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 780FBGA</div> <div>In stock: 298 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP1S20B672C7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672BGA</div> <div>In stock: 6889 pcs</div> <div>RFQ</div>   | <div></div> <div>EP1S10F780C6</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 426 I/O 780FBGA</div> <div>In stock: 4858 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div>EP1S20F484C5</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 361 I/O 484FBGA</div> <div>In stock: 5072 pcs</div> <div>RFQ</div>  | <div></div> <div>EP1S10F780C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 780FBGA</div> <div>In stock: 3610 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP1S20F484C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 361 I/O 484FBGA</div> <div>In stock: 6077 pcs</div> <div>RFQ</div> | <div></div> <div>EP1S10F780I6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 780FBGA</div> <div>In stock: 3967 pcs</div> <div>RFQ</div>  |