



Altera (Intel® Programmable



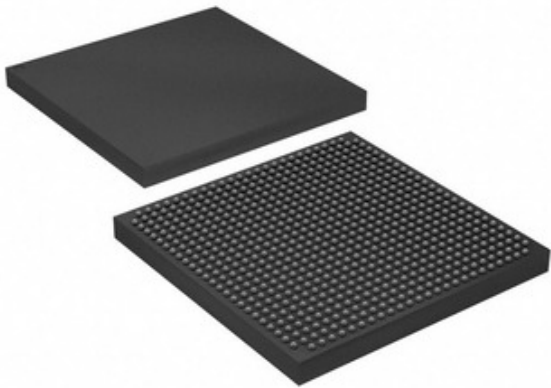


Image may be representation. See specifications for product details.

EP1S20F672I7

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1S20F672I7                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC FPGA 426 I/O 672FBGA <div> 1.EP1S20F672I7.pdf</div> <div> 2.EP1S20F672I7.pdf</div> <div> 3.EP1S20F672I7.pdf</div> <div> 4.EP1S20F672I7.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                    |
| Stock Condition     | 6798 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

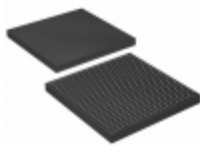
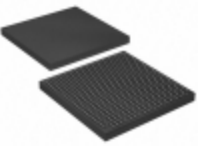
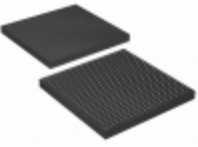
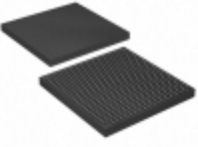
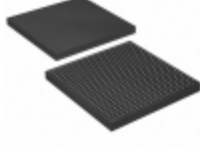
Specifications of EP1S20F672I7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1S20F672I7                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 426 I/O 672FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 6798 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       | <div> 1.EP1S20F672I7.pdf</div> <div> 2.EP1S20F672I7.pdf</div> <div> 3.EP1S20F672I7.pdf</div> <div> 4.EP1S20F672I7.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| TOTAL RAM BITS                   | 1669248                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Stratix®                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 672-BBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 18460                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 1846                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 426                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | EP1S20                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                           |                                                       |                                                               |
|-----------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP1S20F672I7 | EP1S20F672I7 Distributor                              | EP1S20F672I7 Supplier                                         |
| EP1S20F672I7 Price                                        | EP1S20F672I7 Pictures                                 | EP1S20F672I7 Image                                            |
| EP1S20F672I7 PDF Datasheet                                | EP1S20F672I7 Download Datasheet                       | EP1S20F672I7 Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP1S20F672I7 | Altera EP1S20F672I7                                   | Altera (Intel® Programmable Solutions Group) EP1S20F672I7     |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                              |
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| <div></div> <div>EP1S20F672C7</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 426 I/O 672FBGA</div> <div>In stock: 6800 pcs</div> <div>RFQ</div>                                  | <div></div> <div>EP1S20F780C5N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 586 I/O 780FBGA</div> <div>In stock: 6409 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP1S20F780C6</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 361 I/O 780FBGA</div> <div>In stock: 6727 pcs</div> <div>RFQ</div>                                  | <div></div> <div>EP1S20F672C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672FBGA</div> <div>In stock: 6242 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP1S20F484I6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 361 I/O 484FBGA</div> <div>In stock: 5870 pcs</div> <div>RFQ</div>  | <div></div> <div>EP1S20F672C6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672FBGA</div> <div>In stock: 5471 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP1S20F484I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 361 I/O 484FBGA</div> <div>In stock: 4828 pcs</div> <div>RFQ</div> | <div></div> <div>EP1S20F672I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672FBGA</div> <div>In stock: 6831 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP1S20F780C5</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 361 I/O 780FBGA</div> <div>In stock: 2989 pcs</div> <div>RFQ</div>                                  | <div></div> <div>EP1S20F780C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 586 I/O 780FBGA</div> <div>In stock: 4512 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP1S20F672C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 426 I/O 672FBGA</div> <div>In stock: 5384 pcs</div> <div>RFQ</div> | <div></div> <div>EP1S20F780C6GA</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA STRATIX 780FBGA</div> <div>In stock: 3700 pcs</div> <div>RFQ</div> |