



Altera (Intel® Programmable

Solutions Group)



EP1S10F672C6N

|                     |                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1S10F672C6N                                                                                                                                                                                               |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                |
| Product description | IC FPGA 345 I/O 672FBGA <div><div>PDF</div>1.EP1S10F672C6N.pdf</div> <div><div>PDF</div>2.EP1S10F672C6N.pdf</div> <div><div>PDF</div>3.EP1S10F672C6N.pdf</div> <div><div>PDF</div>4.EP1S10F672C6N.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                             |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                           |
| Stock Condition     | 6325 pcs stock                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                       |

REQUEST FOR QUOTATION

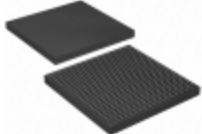
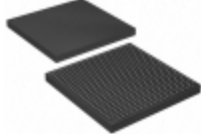
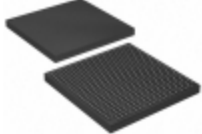
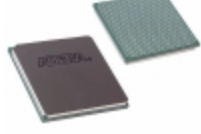
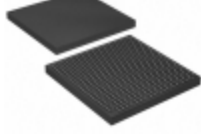
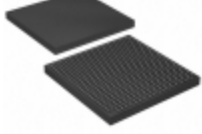
Specifications of EP1S10F672C6N

|                                  |                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1S10F672C6N                                                                                                                                                                       |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 345 I/O 672FBGA                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                          |
| QUANTITY AVAILABLE               | 6325 pcs                                                                                                                                                                            |
| DATA SHEET                       | <div><div>PDF</div>1.EP1S10F672C6N.pdf</div> <div><div>PDF</div>2.EP1S10F672C6N.pdf</div> <div><div>PDF</div>3.EP1S10F672C6N.pdf</div> <div><div>PDF</div>4.EP1S10F672C6N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                                   |
| TOTAL RAM BITS                   | 920448                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                                                                    |
| SERIES                           | Stratix®                                                                                                                                                                            |
| PACKAGE / CASE                   | 672-BBGA                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 10570                                                                                                                                                                               |
| NUMBER OF LABS/CLBS              | 1057                                                                                                                                                                                |
| NUMBER OF I/O                    | 345                                                                                                                                                                                 |
| 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

|                                                               |                                                       |                                                                   |
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| Altera (Intel® Programmable Solutions Group)<br>EP1S10F672C6N | EP1S10F672C6N Distributor                             | EP1S10F672C6N Supplier                                            |
| EP1S10F672C6N Price                                           | EP1S10F672C6N Pictures                                | EP1S10F672C6N Image                                               |
| EP1S10F672C6N PDF Datasheet                                   | EP1S10F672C6N Download Datasheet                      | EP1S10F672C6N Datasheet                                           |
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Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |
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| <div></div> <div>EP1S10F484C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 335 I/O 484FBGA<br/>In stock: 3510 pcs</div> <div>RFQ</div>  | <div></div> <div>EP1S10F484I6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 335 I/O 484FBGA<br/>In stock: 3712 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP1S10F484I6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 335 I/O 484FBGA<br/>In stock: 5153 pcs</div> <div>RFQ</div>  | <div></div> <div>EP1S10F672C6</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 345 I/O 672FBGA<br/>In stock: 6853 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div>EP1S10F672C7</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 345 I/O 672FBGA<br/>In stock: 5570 pcs</div> <div>RFQ</div>                                   | <div></div> <div>EP1S10F672I7</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 345 I/O 672FBGA<br/>In stock: 3778 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div>EP1S10F672C7AA</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 345 I/O 672FBGA<br/>In stock: 6870 pcs</div> <div>RFQ</div> | <div></div> <div>EP1S10F484C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 335 I/O 484FBGA<br/>In stock: 4990 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP1S10F780C5</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: 2900 pcs</div> <div>RFQ</div>   | <div></div> <div>EP1S10F484C7</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 345 I/O 484FBGA<br/>In stock: 7029 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div>EP1S10F672C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 345 I/O 672FBGA<br/>In stock: 3955 pcs</div> <div>RFQ</div>  | <div></div> <div>EP1S10F672I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 345 I/O 672FBGA<br/>In stock: 6902 pcs</div> <div>RFQ</div> |