



Altera (Intel® Programmable Solutions Group)



10AT115U4F45E3SGES

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AT115U4F45E3SGES                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 624 I/O 1932FCBGA                                                                                    |
|                     |  1.10AT115U4F45E3SGES.pdf   |
|                     |  2.10AT115U4F45E3SGES.pdf   |
|                     |  3.10AT115U4F45E3SGES.pdf   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5861 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of 10AT115U4F45E3SGES

|                                  |                                                                                                                                                                                                                                                                                                                                              |
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| PART NUMBER                      | 10AT115U4F45E3SGES                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 624 I/O 1932FCBGA                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 5861 pcs                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.10AT115U4F45E3SGES.pdf<br> 2.10AT115U4F45E3SGES.pdf<br> 3.10AT115U4F45E3SGES.pdf |
| VOLTAGE - SUPPLY                 | 0.87 V ~ 0.93 V                                                                                                                                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 68857856                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 1932-FBGA, FC (45x45)                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Arria 10 GT                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 1150000                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LABS/CLBS              | 427200                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 624                                                                                                                                                                                                                                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                                                    |                                                       |                                                                        |
|--------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>10AT115U4F45E3SGES | 10AT115U4F45E3SGES Distributor                        | 10AT115U4F45E3SGES Supplier                                            |
| 10AT115U4F45E3SGES Price                                           | 10AT115U4F45E3SGES Pictures                           | 10AT115U4F45E3SGES Image                                               |
| 10AT115U4F45E3SGES PDF Datasheet                                   | 10AT115U4F45E3SGES Download Datasheet                 | 10AT115U4F45E3SGES Datasheet                                           |
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Related Products

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|  <div><b>10AT115U4F45E3SGE2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 7042 pcs</div> <div>RFQ</div> |  <div><b>10AT115U2F45E2SGE2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 4290 pcs</div> <div>RFQ</div> |
|  <div><b>10AX016C4U19E3LG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 236 pcs</div> <div>RFQ</div>      |  <div><b>10AT115U3F45E3SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 3554 pcs</div> <div>RFQ</div> |
|  <div><b>10AX016C3U19I2SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 217 pcs</div> <div>RFQ</div>      |  <div><b>10AT115U2F45E2SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 6146 pcs</div> <div>RFQ</div> |
|  <div><b>10AT115U3F45E2SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 2905 pcs</div> <div>RFQ</div> |  <div><b>10AX016C3U19I2LG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 142 pcs</div> <div>RFQ</div>      |
|  <div><b>10AX016C3U19E2SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 195 pcs</div> <div>RFQ</div>      |  <div><b>10AT115U4F45E4SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 5885 pcs</div> <div>RFQ</div> |
|  <div><b>10AT115U3F45E2SGE2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 624 I/O 1932FCBGA<br/>In stock: 6445 pcs</div> <div>RFQ</div> |  <div><b>10AX016C3U19E2LG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 186 pcs</div> <div>RFQ</div>      |