



Altera (Intel® Programmable

Solutions Group)

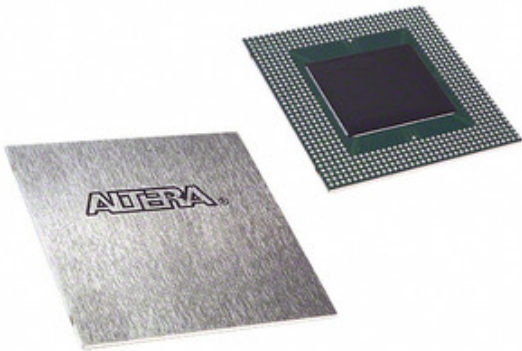


Image may be representation. See specifications for product details.

EP20K300EBC652-2

Part Number:EP20K300EBC652-2

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product descriptionIC FPGA 408 I/O 652BGA

1.EP20K300EBC652-2.pdf

2.EP20K300EBC652-2.pdf

3.EP20K300EBC652-2.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Stock Condition5343 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

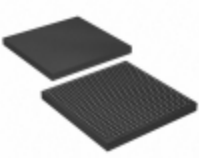
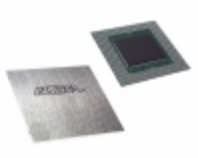
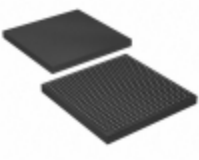
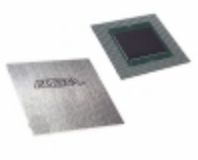
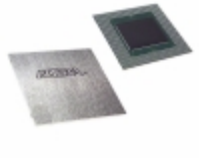
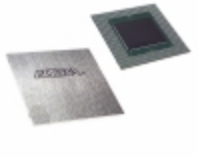
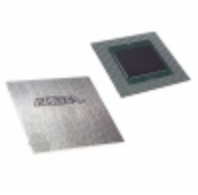
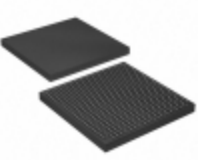
Specifications of EP20K300EBC652-2

|                                  |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K300EBC652-2                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 408 I/O 652BGA                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 5343 pcs                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div>1.EP20K300EBC652-2.pdf</div> <div>2.EP20K300EBC652-2.pdf</div> <div>3.EP20K300EBC652-2.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                                                                                                                                                                                                                                                                |
| TOTAL RAM BITS                   | 147456                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 652-BGA (45x45)                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | APEX-20KE®                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 652-BBGA                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 11520                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 1152                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 408                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF GATES                  | 728000                                                                                                                                                                                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | EP20K300                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                                  |                                                       |                                                                      |
|------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K300EBC652-2 | EP20K300EBC652-2 Distributor                          | EP20K300EBC652-2 Supplier                                            |
| EP20K300EBC652-2 Price                                           | EP20K300EBC652-2 Pictures                             | EP20K300EBC652-2 Image                                               |
| EP20K300EBC652-2 PDF Datasheet                                   | EP20K300EBC652-2 Download Datasheet                   | EP20K300EBC652-2 Datasheet                                           |
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Related Products

|                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP20K300EBC672-1X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA</div> <div>In stock: 6999 pcs</div> <div>RFQ</div>                | <div></div> <div>EP20K300EBC652-1X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 408 I/O 652BGA</div> <div>In stock: 3851 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP20K300EBC672-2X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA</div> <div>In stock: 3381 pcs</div> <div>RFQ</div>                | <div></div> <div>EP20K300EBI652-2X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 408 I/O 652BGA</div> <div>In stock: 4979 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP20K300EBC652-2X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 408 I/O 652BGA</div> <div>In stock: 3319 pcs</div> <div>RFQ</div> | <div></div> <div>EP20K300EBC652-1</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 408 I/O 652BGA</div> <div>In stock: 4773 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP20K200RC240-2X</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 174 I/O 240RQFP</div> <div>In stock: 4892 pcs</div> <div>RFQ</div> | <div></div> <div>EP20K300EBC652-3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 408 I/O 652BGA</div> <div>In stock: 4545 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP20K200RC240-3V</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 174 I/O 240RQFP</div> <div>In stock: 6695 pcs</div> <div>RFQ</div> | <div></div> <div>EP20K200RC240-2</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 174 I/O 240RQFP</div> <div>In stock: 5852 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP20K200RC240-3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 174 I/O 240RQFP</div> <div>In stock: 4181 pcs</div> <div>RFQ</div>  | <div></div> <div>EP20K300EFC672-1</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 408 I/O 672FBGA</div> <div>In stock: 3834 pcs</div> <div>RFQ</div> |