



Intel® FPGAs

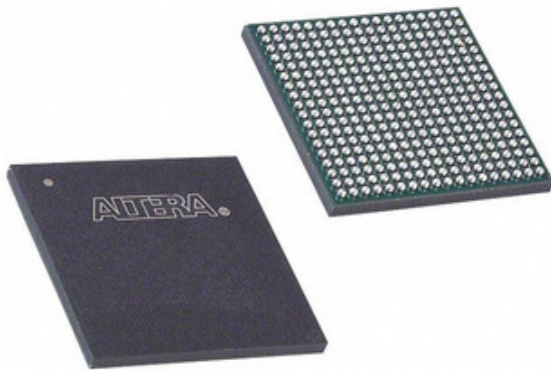


Image may be representation. See specifications for product details.

EP20K100EFC324-3

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K100EFC324-3                                                                                                     |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                         |
| Product description | IC FPGA 246 I/O 324FBGA                                                                                              |
|                     |  1.EP20K100EFC324-3.pdf             |
|                     |  2.EP20K100EFC324-3.pdf             |
|                     |  3.EP20K100EFC324-3.pdf             |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6781 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

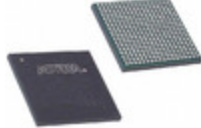
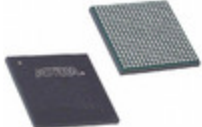
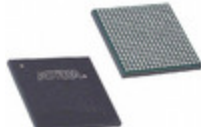
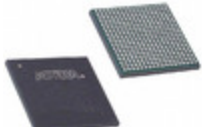
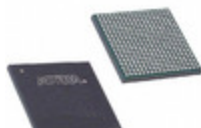
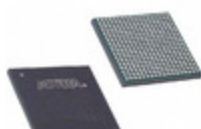
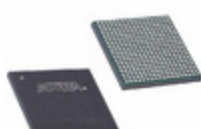
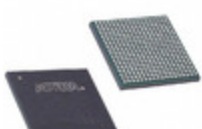
Specifications of EP20K100EFC324-3

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K100EFC324-3                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 246 I/O 324FBGA                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 6781 pcs                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.EP20K100EFC324-3.pdf<br> 2.EP20K100EFC324-3.pdf<br> 3.EP20K100EFC324-3.pdf |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                                                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 53248                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 324-FBGA (19x19)                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | APEX-20KE®                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 324-BGA                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | 544-1092                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4160                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 416                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 246                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF GATES                  | 263000                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | EP20K100                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                |                                     |                                   |
|--------------------------------|-------------------------------------|-----------------------------------|
| Intel® FPGAs EP20K100EFC324-3  | EP20K100EFC324-3 Distributor        | EP20K100EFC324-3 Supplier         |
| EP20K100EFC324-3 Price         | EP20K100EFC324-3 Pictures           | EP20K100EFC324-3 Image            |
| EP20K100EFC324-3 PDF Datasheet | EP20K100EFC324-3 Download Datasheet | EP20K100EFC324-3 Datasheet        |
| EP20K100EFC324-3 Stock         | Buy EP20K100EFC324-3                | Buy Intel® FPGAs EP20K100EFC324-3 |
| Intel® FPGAs EP20K100EFC324-3  | Intel® FPGAs Supplier               | Intel® FPGAs Distributor          |
| Intel® FPGAs EP20K100EFC324-3  |                                     |                                   |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP20K100EFC324-2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 6700 pcs<br/>RFQ</div> |  <div>EP20K100EFI144-2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 5556 pcs<br/>RFQ</div>                 |
|  <div>EP20K100EFI144-2X<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 246 I/O 144FBGA<br/>In stock: 4379 pcs<br/>RFQ</div>                                 |  <div>EP20K100EFI324-2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 3896 pcs<br/>RFQ</div> |
|  <div>EP20K100EFC324-2<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 93 I/O 324FBGA<br/>In stock: 4356 pcs<br/>RFQ</div>                                   |  <div>EP20K100EFC324-1N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 4628 pcs<br/>RFQ</div> |
|  <div>EP20K100EFC324-2X<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 3153 pcs<br/>RFQ</div>                                 |  <div>EP20K100EFI144-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 7073 pcs<br/>RFQ</div>                  |
|  <div>EP20K100EFC324-3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 4028 pcs<br/>RFQ</div> |  <div>EP20K100EFC324-3GZ<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 7098 pcs<br/>RFQ</div>                |
|  <div>EP20K100EFC324-1X<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 4145 pcs<br/>RFQ</div>                                 |  <div>EP20K100EFC324-1<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324FBGA<br/>In stock: 4576 pcs<br/>RFQ</div>  |