



Altera (Intel® Programmable Solutions Group)



EP20K100FC144-3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K100FC144-3                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA                                                                                                      |
| Datasheets:         |  EP20K100FC144-3.pdf        |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5055 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.

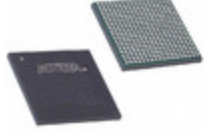
Specifications of EP20K100FC144-3

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K100FC144-3                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                            |
| DESCRIPTION                      | IC FPGA                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 5055 pcs                                                                                                |
| DATA SHEET                       |  EP20K100FC144-3.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                       |
| TOTAL RAM BITS                   | 53248                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                        |
| SERIES                           | APEX-20K®                                                                                               |
| PACKAGE / CASE                   | 144-LQFP                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4160                                                                                                    |
| NUMBER OF LABS/CLBS              | 416                                                                                                     |
| NUMBER OF I/O                    | 93                                                                                                      |
| NUMBER OF GATES                  | 263000                                                                                                  |
| 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) EP20K100FC144-3 | EP20K100FC144-3 Distributor                           | EP20K100FC144-3 Supplier                                         |
| EP20K100FC144-3 Price                                        | EP20K100FC144-3 Pictures                              | EP20K100FC144-3 Image                                            |
| EP20K100FC144-3 PDF Datasheet                                | EP20K100FC144-3 Download Datasheet                    | EP20K100FC144-3 Datasheet                                        |
| EP20K100FC144-3 Stock                                        | Buy EP20K100FC144-3                                   | Buy Altera (Intel® Programmable Solutions Group) EP20K100FC144-3 |
| Altera (Intel® Programmable Solutions Group) EP20K100FC144-3 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) EP20K100FC144-3 | Altera EP20K100FC144-3                                | Altera (Intel® Programmable Solutions Group) EP20K100FC144-3     |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP20K100FC196-1X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 5039 pcs<br/>RFQ</div>                |  <div>EP20K100FC144-2<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3056 pcs<br/>RFQ</div>  |
|  <div>EP20K100FC144-1<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 2860 pcs<br/>RFQ</div>                 |  <div>EP20K100ETI144-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 6620 pcs<br/>RFQ</div> |
|  <div>EP20K100FC196-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 5700 pcs<br/>RFQ</div>                |  <div>EP20K100FC144-1X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3952 pcs<br/>RFQ</div> |
|  <div>EP20K100FC324-1<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 252 I/O 324FBGA<br/>In stock: 4231 pcs<br/>RFQ</div>                                 |  <div>EP20K100FC196-2<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3772 pcs<br/>RFQ</div>  |
|  <div>EP20K100ETC144-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 6110 pcs<br/>RFQ</div> |  <div>EP20K100FC144-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 5803 pcs<br/>RFQ</div> |
|  <div>EP20K100FC196-1<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 2837 pcs<br/>RFQ</div>                 |  <div>EP20K100FC196-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 6565 pcs<br/>RFQ</div>  |