



Altera (Intel® Programmable Solutions Group)

Solutions Group)



EPF10K100EFC256-2

|                     |                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EPF10K100EFC256-2                                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                      |
| Product description | IC FPGA 191 I/O 256FBGA <div> 1.EPF10K100EFC256-2.pdf</div> <div> 2.EPF10K100EFC256-2.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                   |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

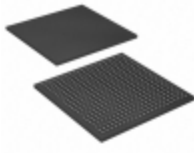
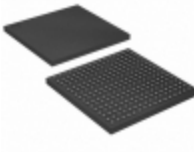
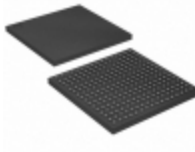
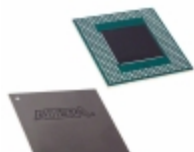
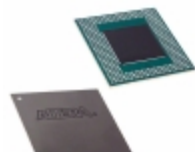
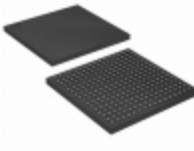
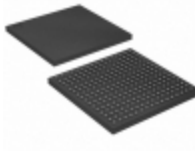
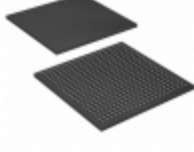
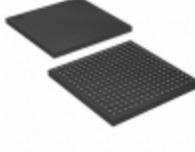
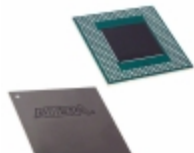
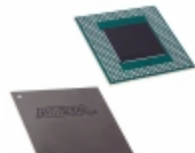
Specifications of EPF10K100EFC256-2

|                                  |                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EPF10K100EFC256-2                                                                                                                                                                                                                             |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 191 I/O 256FBGA                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| DATA SHEET                       | <div> 1.EPF10K100EFC256-2.pdf</div> <div> 2.EPF10K100EFC256-2.pdf</div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                                                                                                                                                             |
| TOTAL RAM BITS                   | 49152                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                                              |
| SERIES                           | FLEX-10KE®                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 256-BGA                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4992                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 624                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 191                                                                                                                                                                                                                                           |
| NUMBER OF GATES                  | 257000                                                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | EPF10K100                                                                                                                                                                                                                                     |

Related Tags

|                                                                   |                                                       |                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EPF10K100EFC256-2 | EPF10K100EFC256-2 Distributor                         | EPF10K100EFC256-2 Supplier                                            |
| EPF10K100EFC256-2 Price                                           | EPF10K100EFC256-2 Pictures                            | EPF10K100EFC256-2 Image                                               |
| EPF10K100EFC256-2 PDF Datasheet                                   | EPF10K100EFC256-2 Download Datasheet                  | EPF10K100EFC256-2 Datasheet                                           |
| EPF10K100EFC256-2 Stock                                           | Buy EPF10K100EFC256-2                                 | Buy Altera (Intel® Programmable Solutions Group)<br>EPF10K100EFC256-2 |
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| Altera (Intel® Programmable Solutions Group)<br>EPF10K100EFC256-2 | Altera EPF10K100EFC256-2                              | Altera (Intel® Programmable Solutions Group)<br>EPF10K100EFC256-2     |

Related Products

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| <div></div> <div><b>EPF10K100EFC484-1</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 338 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  | <div></div> <div><b>EPF10K100EFC256-2AA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                |
| <div></div> <div><b>EPF10K100EFC256-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 191 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>EPF10K100EFC256-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 191 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EPF10K100EBI356-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                  | <div></div> <div><b>EPF10K100EBC356-2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 274 I/O 356BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EPF10K100EFC256-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 338 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>EPF10K100EFC256-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 191 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>EPF10K100EFC484-1N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 338 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 | <div></div> <div><b>EPF10K100EFC256-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 191 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EPF10K100EBC356-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 274 I/O 356BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>EPF10K100EBC356-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 274 I/O 356BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |