



EP1K50FC256-3

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1K50FC256-3                                                                                                        |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                         |
| Product description | IC FPGA 186 I/O 256FBGA                                                                                              |
|                     |  1.EP1K50FC256-3.pdf                |
|                     |  2.EP1K50FC256-3.pdf                |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

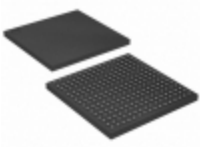
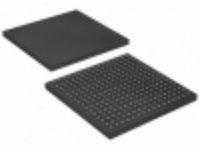
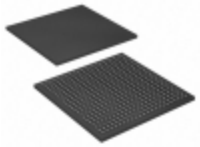
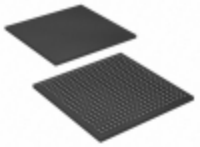
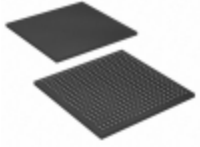
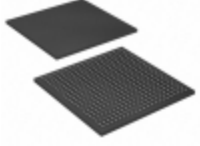
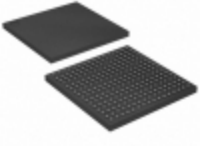
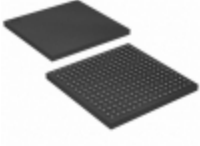
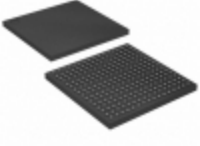
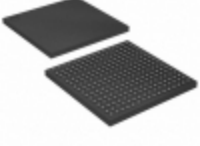
Specifications of EP1K50FC256-3

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1K50FC256-3                                                                                                                                                                                                      |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 186 I/O 256FBGA                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                 |
| DATA SHEET                       |  1.EP1K50FC256-3.pdf<br> 2.EP1K50FC256-3.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                                                                                                                                  |
| TOTAL RAM BITS                   | 40960                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                   |
| SERIES                           | ACEX-1K®                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 256-BBGA                                                                                                                                                                                                           |
| OTHER NAMES                      | 544-1032<br>EP1K50FC2563                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                    |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2880                                                                                                                                                                                                               |
| NUMBER OF LABS/CLBS              | 360                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 186                                                                                                                                                                                                                |
| NUMBER OF GATES                  | 199000                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                 |
| BASE PART NUMBER                 | EP1K50                                                                                                                                                                                                             |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP1K50FC256-3  | EP1K50FC256-3 Distributor        | EP1K50FC256-3 Supplier         |
| EP1K50FC256-3 Price         | EP1K50FC256-3 Pictures           | EP1K50FC256-3 Image            |
| EP1K50FC256-3 PDF Datasheet | EP1K50FC256-3 Download Datasheet | EP1K50FC256-3 Datasheet        |
| EP1K50FC256-3 Stock         | Buy EP1K50FC256-3                | Buy Intel® FPGAs EP1K50FC256-3 |
| Intel® FPGAs EP1K50FC256-3  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP1K50FC256-3  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP1K50FC256-2N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 186 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |  <div><b>EP1K50FC256-3AA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                |
|  <div><b>EP1K50FC484-1</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 249 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |  <div><b>EP1K50FC484-2</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 249 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |
|  <div><b>EP1K50FC484-2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 249 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP1K30TI144-2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>EP1K50FC484-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 249 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP1K50FC256-1N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 186 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |
|  <div><b>EP1K50FC256-3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 186 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |  <div><b>EP1K50FC256-2</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 186 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |
|  <div><b>EP1K30TI144-2NGA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>               |  <div><b>EP1K50FC256-1</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 186 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |