



Intel® FPGAs

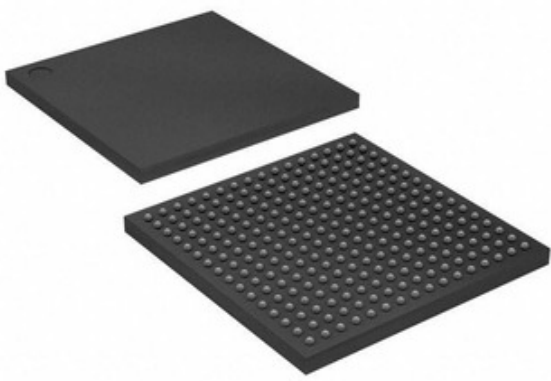


Image may be representation. See specifications for product details.

EP1K50FC256-1

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

REQUEST FOR QUOTATION

Specifications of EP1K50FC256-1

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | EP1K50FC256-1                                                              |
| MANUFACTURER                     | Intel® FPGAs                                                               |
| DESCRIPTION                      | IC FPGA 186 I/O 256FBGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                         |
| DATA SHEET                       | <a href="#">1.EP1K50FC256-1.pdf</a><br><a href="#">2.EP1K50FC256-1.pdf</a> |
| 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                      | 544-1030                                                                   |
| 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                                                                     |

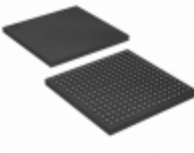
Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP1K50FC256-1  | EP1K50FC256-1 Distributor        | EP1K50FC256-1 Supplier         |
| EP1K50FC256-1 Price         | EP1K50FC256-1 Pictures           | EP1K50FC256-1 Image            |
| EP1K50FC256-1 PDF Datasheet | EP1K50FC256-1 Download Datasheet | EP1K50FC256-1 Datasheet        |
| EP1K50FC256-1 Stock         | Buy EP1K50FC256-1                | Buy Intel® FPGAs EP1K50FC256-1 |
| Intel® FPGAs EP1K50FC256-1  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP1K50FC256-1  |                                  |                                |

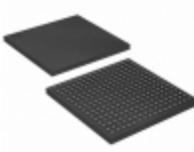
Related Products



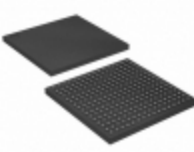
**EP1K30TI144-2**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 102 I/O 144TQFP  
In stock: Out stock  
[RFQ](#)



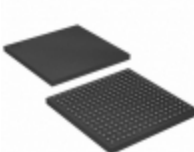
**EP1K50FC256-3AA**  
Manufacturers: Altera (Intel® Programmable Solutions Group)  
Description: IC FPGA  
In stock: Out stock  
[RFQ](#)



**EP1K50FC256-2**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 186 I/O 256FBGA  
In stock: Out stock  
[RFQ](#)



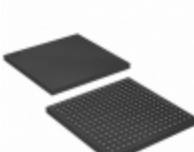
**EP1K50FC256-3N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 186 I/O 256FBGA  
In stock: Out stock  
[RFQ](#)



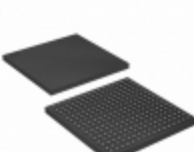
**EP1K50FC256-3**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 186 I/O 256FBGA  
In stock: Out stock  
[RFQ](#)



**EP1K30TI144-2NGA**  
Manufacturers: Altera (Intel® Programmable Solutions Group)  
Description: IC FPGA  
In stock: Out stock  
[RFQ](#)



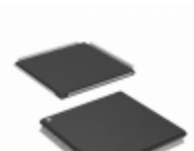
**EP1K50FC256-2N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 186 I/O 256FBGA  
In stock: Out stock  
[RFQ](#)



**EP1K50FC256-1N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 186 I/O 256FBGA  
In stock: Out stock  
[RFQ](#)



**EP1K30TC144-2N**  
Manufacturers: Altera (Intel® Programmable Solutions Group)  
Description: IC FPGA 102 I/O 144TQFP  
In stock: Out stock  
[RFQ](#)



**EP1K30TC144-3N**  
Manufacturers: Altera (Intel® Programmable Solutions Group)  
Description: IC FPGA 102 I/O 144TQFP  
In stock: Out stock  
[RFQ](#)



**EP1K30TC144-3**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 102 I/O 144TQFP  
In stock: Out stock  
[RFQ](#)



**EP1K30TI144-2N**  
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