



EP1K50FC256-3N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1K50FC256-3N                                                                                               |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 186 I/O 256FBGA                                                                                      |
|                     |  1.EP1K50FC256-3N.pdf       |
|                     |  2.EP1K50FC256-3N.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2931 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

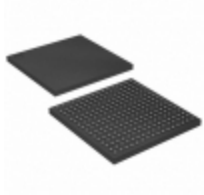
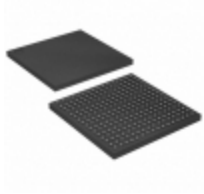
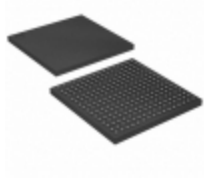
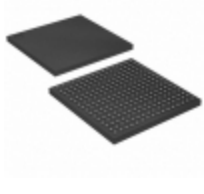
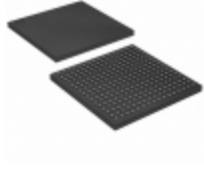
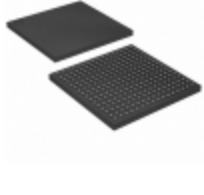
Specifications of EP1K50FC256-3N

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1K50FC256-3N                                                                                                                                                                                                       |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 186 I/O 256FBGA                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 2931 pcs                                                                                                                                                                                                             |
| DATA SHEET                       |  1.EP1K50FC256-3N.pdf<br> 2.EP1K50FC256-3N.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                      | 544-1842<br>EP1K50FC256-3N-ND                                                                                                                                                                                        |
| 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   | Lead free / RoHS Compliant                                                                                                                                                                                           |
| BASE PART NUMBER                 | EP1K50                                                                                                                                                                                                               |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP1K50FC484-3</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 249 I/O 484FBGA</div> <div>In stock: 1953 pcs</div> <div>RFQ</div>  |  <div>EP1K50FC484-2</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 249 I/O 484FBGA</div> <div>In stock: 3665 pcs</div> <div>RFQ</div>                                  |
|  <div>EP1K50FC484-1</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 249 I/O 484FBGA</div> <div>In stock: 6104 pcs</div> <div>RFQ</div>                                  |  <div>EP1K50FC256-3AA</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA</div> <div>In stock: 3852 pcs</div> <div>RFQ</div>                |
|  <div>EP1K50FC484-3N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 249 I/O 484FBGA</div> <div>In stock: 6171 pcs</div> <div>RFQ</div> |  <div>EP1K50FC484-1N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 249 I/O 484FBGA</div> <div>In stock: 3671 pcs</div> <div>RFQ</div> |
|  <div>EP1K50FC484-2N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 249 I/O 484FBGA</div> <div>In stock: 4528 pcs</div> <div>RFQ</div> |  <div>EP1K50FC256-2N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 186 I/O 256FBGA</div> <div>In stock: 3433 pcs</div> <div>RFQ</div>                                 |
|  <div>EP1K50FC256-1</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 186 I/O 256FBGA</div> <div>In stock: 6160 pcs</div> <div>RFQ</div>                                  |  <div>EP1K50FC256-3</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 186 I/O 256FBGA</div> <div>In stock: 2963 pcs</div> <div>RFQ</div>                                  |
|  <div>EP1K50FC256-2</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 186 I/O 256FBGA</div> <div>In stock: 4466 pcs</div> <div>RFQ</div>                                  |  <div>EP1K50FC256-1N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 186 I/O 256FBGA</div> <div>In stock: 4430 pcs</div> <div>RFQ</div>                                 |