



Image may be representation. See specifications for product details.

LCMXO2-4000HE-4BG256C

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LCMXO2-4000HE-4BG256C                                                                                                                                                                                                                                                                                                                                                                                                          |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product description | IC FPGA 206 I/O 256CABGA <div><div>PDF</div>1.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>2.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>3.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>4.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>5.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                                                           |
| Stock Condition     | 5986 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                          |

REQUEST FOR QUOTATION

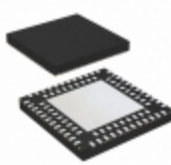
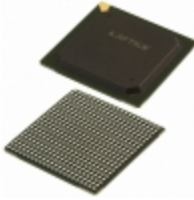
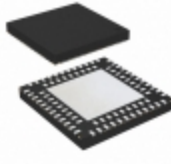
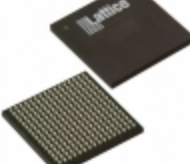
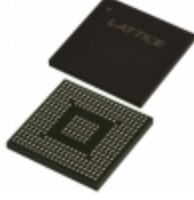
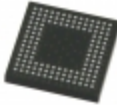
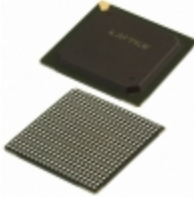
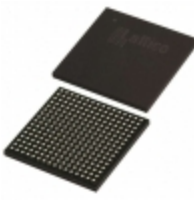
Specifications of LCMXO2-4000HE-4BG256C

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMXO2-4000HE-4BG256C                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 206 I/O 256CABGA                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 5986 pcs                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       | <div><div>PDF</div>1.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>2.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>3.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>4.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> <div><div>PDF</div>5.LCMXO2-4000HE-4BG256C.pdf<div><div>PDF</div></div></div> |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                                                                                       |
| TOTAL RAM BITS                   | 94208                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 256-CABGA (14x14)                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 256-LFBGA                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | 220-1462<br>LCMXO2-4000HE-4BG256C-ND<br>LCMXO24000HE4BG256C                                                                                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4320                                                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LABS/CLBS              | 540                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 206                                                                                                                                                                                                                                                                                                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | LCMXO2-4000                                                                                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                             |                                                         |                                                 |
|---------------------------------------------|---------------------------------------------------------|-------------------------------------------------|
| Lattice Semiconductor LCMXO2-4000HE-4BG256C | LCMXO2-4000HE-4BG256C Distributor                       | LCMXO2-4000HE-4BG256C Supplier                  |
| LCMXO2-4000HE-4BG256C Price                 | LCMXO2-4000HE-4BG256C Pictures                          | LCMXO2-4000HE-4BG256C Image                     |
| LCMXO2-4000HE-4BG256C PDF Datasheet         | LCMXO2-4000HE-4BG256C Download Datasheet                | LCMXO2-4000HE-4BG256C Datasheet                 |
| LCMXO2-4000HE-4BG256C Stock                 | Buy LCMXO2-4000HE-4BG256C                               | Buy Lattice Semiconductor LCMXO2-4000HE-4BG256C |
| Lattice Semiconductor LCMXO2-4000HE-4BG256C | Lattice Semiconductor Supplier                          | Lattice Semiconductor Distributor               |
| Lattice Semiconductor LCMXO2-4000HE-4BG256C | Lattice Semiconductor Corporation LCMXO2-4000HE-4BG256C |                                                 |

Related Products

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| <div><div></div><div><b>LCMXO2-4000HC-6QN84C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 68 I/O 84QFN<br/>In stock: 11819 pcs</div><div>RFQ</div></div>      | <div><div></div><div><b>LCMXO2-4000HC-6TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 114 I/O 144TQFP<br/>In stock: 7052 pcs</div><div>RFQ</div></div>   |
| <div><div></div><div><b>LCMXO2-4000HE-4FG484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 484FBGA<br/>In stock: 5220 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>LCMXO2-4000HE-4BG332C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 274 I/O 332CABGA<br/>In stock: 6565 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>LCMXO2-4000HC-6QN84I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 68 I/O 84QFN<br/>In stock: 8103 pcs</div><div>RFQ</div></div>       | <div><div></div><div><b>LCMXO2-4000HE-4BG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256CABGA<br/>In stock: 5888 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>LCMXO2-4000HE-4BG332I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 274 I/O 332CABGA<br/>In stock: 5709 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>LCMXO2-4000HC-6MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 8705 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>LCMXO2-4000HE-4FG484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 484FBGA<br/>In stock: 4141 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>LCMXO2-4000HC-6TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 114 I/O 144TQFP<br/>In stock: 7209 pcs</div><div>RFQ</div></div>   |
| <div><div></div><div><b>LCMXO2-4000HE-4FTG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 7253 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>LCMXO2-4000HC-C-EVN</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: KIT DEVELOPMENT MACHXO2 PLD<br/>In stock: 3296 pcs</div><div>RFQ</div></div> |