



Lattice Semiconductor

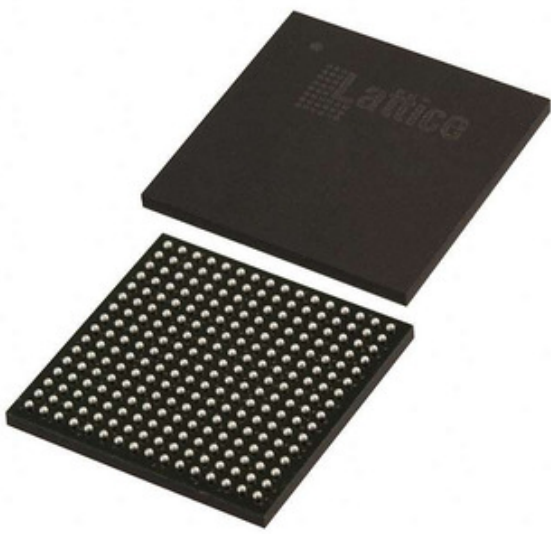


Image may be representation. See specifications for product details.

LCMXO2-4000HC-6FTG256I

|                     |                                                                                                                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LCMXO2-4000HC-6FTG256I                                                                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                              |
| Product description | IC FPGA 206 I/O 256FTBGA <div><div>PDF</div>1.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>2.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>3.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>4.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>5.LCMXO2-4000HC-6FTG256I.pdf</div></div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                    |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                              |

REQUEST FOR QUOTATION

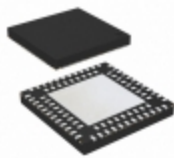
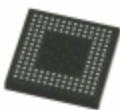
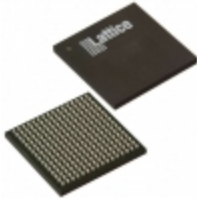
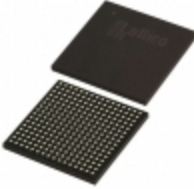
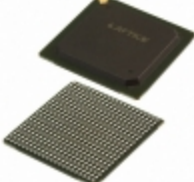
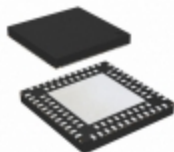
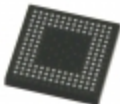
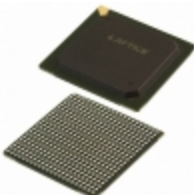
Specifications of LCMXO2-4000HC-6FTG256I

|                                  |                                                                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMXO2-4000HC-6FTG256I                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC FPGA 206 I/O 256FTBGA                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                |
| DATA SHEET                       | <div><div>PDF</div>1.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>2.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>3.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>4.LCMXO2-4000HC-6FTG256I.pdf<div><div>PDF</div>5.LCMXO2-4000HC-6FTG256I.pdf</div></div></div></div></div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.465 V                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 94208                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 256-FTBGA (17x17)                                                                                                                                                                                                                                                         |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                  |
| OTHER NAMES                      | 220-2138<br>LCMXO2-4000HC-6FTG256I-ND                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 100°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)                                                                                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 9 Weeks                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | LCMXO2-4000                                                                                                                                                                                                                                                               |

Related Tags

|                                              |                                                          |                                                  |
|----------------------------------------------|----------------------------------------------------------|--------------------------------------------------|
| Lattice Semiconductor LCMXO2-4000HC-6FTG256I | LCMXO2-4000HC-6FTG256I Distributor                       | LCMXO2-4000HC-6FTG256I Supplier                  |
| LCMXO2-4000HC-6FTG256I Price                 | LCMXO2-4000HC-6FTG256I Pictures                          | LCMXO2-4000HC-6FTG256I Image                     |
| LCMXO2-4000HC-6FTG256I PDF Datasheet         | LCMXO2-4000HC-6FTG256I Download Datasheet                | LCMXO2-4000HC-6FTG256I Datasheet                 |
| LCMXO2-4000HC-6FTG256I Stock                 | Buy LCMXO2-4000HC-6FTG256I                               | Buy Lattice Semiconductor LCMXO2-4000HC-6FTG256I |
| Lattice Semiconductor LCMXO2-4000HC-6FTG256I | Lattice Semiconductor Supplier                           | Lattice Semiconductor Distributor                |
| Lattice Semiconductor LCMXO2-4000HC-6FTG256I | Lattice Semiconductor Corporation LCMXO2-4000HC-6FTG256I |                                                  |

Related Products

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| <div></div> <div><b>LCMXO2-4000HC-6QN84I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 68 I/O 84QFN<br/>In stock: 766 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>LCMXO2-4000HC-6MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 130 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LCMXO2-4000HC-6BG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LCMXO2-4000HC-6FTG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: Out stock<br/><div>RFQ</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: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>LCMXO2-4000HC-6FG484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LCMXO2-4000HC-6QN84C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 68 I/O 84QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>LCMXO2-4000HC-6BG332I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 274 I/O 332CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LCMXO2-4000HC-6BG332C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 274 I/O 332CABGA<br/>In stock: Out stock<br/><div>RFQ</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: Out stock<br/><div>RFQ</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: 18 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LCMXO2-4000HC-6FG484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |