

LCMXO2-4000HC-4FTG256I



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Part Number:

LCMXO2-4000HC-4FTG256I

Manufacturer:

Lattice Semiconductor

Description:

IC FPGA 206 I/O 256FTBGA

Data sheet:

 [Product Selector Guide](#)

 [MachXO2™ Family Datasheet](#)

 [Package Diagrams](#)

 [MachXO2 Family Qualification Summary](#)

 [MachXO2 Family Handbook](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

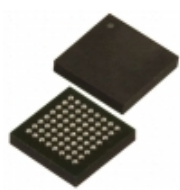
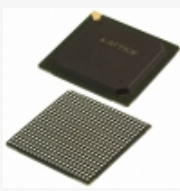
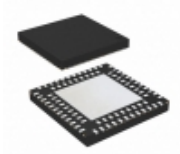
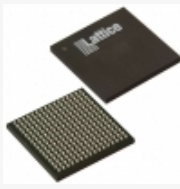
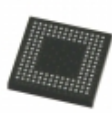
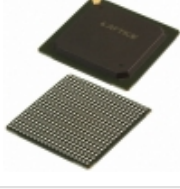
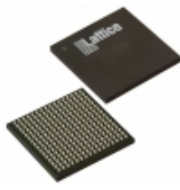
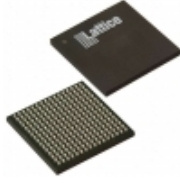
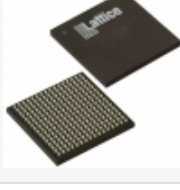
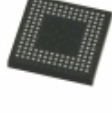
Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                               |                                 |                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LCMXO2-4000HC-4FTG256I                                        | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 206 I/O 256FTBGA                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7155 pcs                                                      | Data sheet                      | <a href="#">Product Selector Guide</a><br><a href="#">MachXO2™ Family Datasheet</a><br><a href="#">Package Diagrams</a><br><a href="#">MachXO2 Family Qualification Summary</a><br><a href="#">MachXO2 Family Handbook</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                     | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 220-1457<br>LCMXO2-4000HC-4FTG256I-ND<br>LCMXO24000HC4FTG256I | 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                                                                                                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 7155 pieces of Lattice Semiconductor LCMXO2-4000HC-4FTG256I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                               |                                 |                                                                                                                                                                                                                            |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                      |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LCMXO2-4000HC-4BG332I</a><br>Description: IC FPGA 274 I/O 332CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4FG484C2U</a><br>Description: IC PLD 4320LUTS 484-FPBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-3UMG64I</a><br>Description: IC FPGA 44 I/O 64UCBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4FG484C</a><br>Description: IC FPGA 278 I/O 484FBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4QN84C</a><br>Description: IC FPGA 68 I/O 84QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-5BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4MG132C</a><br>Description: IC FPGA 104 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-5BG332C</a><br>Description: IC FPGA 274 I/O 332CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4FG484I</a><br>Description: IC FPGA 278 I/O 484FBGA     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4TG144C</a><br>Description: IC FPGA 114 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-5BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-5BG332I</a><br>Description: IC FPGA 274 I/O 332CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4FTG256C</a><br>Description: IC FPGA 206 I/O 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4TG144I</a><br>Description: IC FPGA 114 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4BG332C</a><br>Description: IC FPGA 274 I/O 332CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4QN84I</a><br>Description: IC FPGA 68 I/O 84QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-256ZE-3UMG64C</a><br>Description: IC FPGA 44 I/O 64UCBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000HC-4MG132I</a><br>Description: IC FPGA 104 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

| Related keywords for LCMXO2-4000HC-4FTG256I  |                                                          |                                 |                              |
|----------------------------------------------|----------------------------------------------------------|---------------------------------|------------------------------|
| Lattice Semiconductor LCMXO2-4000HC-4FTG256I | LCMXO2-4000HC-4FTG256I distributor                       | LCMXO2-4000HC-4FTG256I supplier | LCMXO2-4000HC-4FTG256I price |
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| Lattice Semiconductor LCMXO2-4000HC-4FTG256I | Lattice Semiconductor Corporation LCMXO2-4000HC-4FTG256I |                                 |                              |