

LCMXO2-7000HC-5FTG256C



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Part Number:

LCMXO2-7000HC-5FTG256C

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:

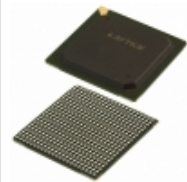
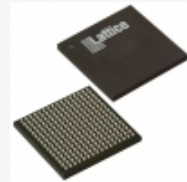
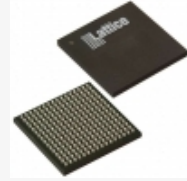
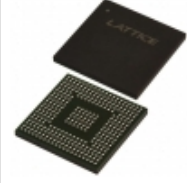
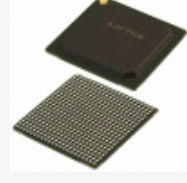
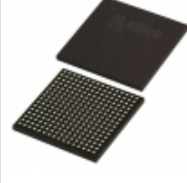
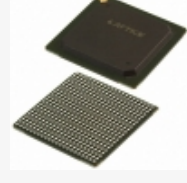
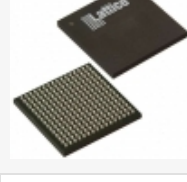
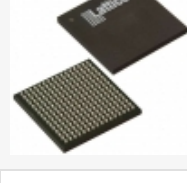
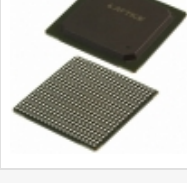
Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LCMXO2-7000HC-5FTG256C                    | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA 206 I/O 256FTBGA                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5867 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 245760                                    | Supplier Device Package          | 256-FTBGA (17x17)                                                                                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MachXO2                                   | Package / Case                   | 256-LBGA                                                                                                                                                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 6864                                                                                                                                                                                                                       |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 858                                       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LCMXO2-7000                               |                                  |                                                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5867 pieces of Lattice Semiconductor LCMXO2-7000HC-5FTG256C 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="#">LCMXO2-7000HC-6FG484I</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-5BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-4TG144C</a><br>Description: IC FPGA 114 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-6BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-5BG332I</a><br>Description: IC FPGA 278 I/O 332CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-5TG144C</a><br>Description: IC FPGA 114 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-6BG332C</a><br>Description: IC FPGA 278 I/O 332CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-5FG484C</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-5FTG256I</a><br>Description: IC FPGA 206 I/O 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-5FG484I</a><br>Description: IC FPGA 334 I/O 484FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-4FTG256I</a><br>Description: IC FPGA 206 I/O 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-4FTG256C</a><br>Description: IC FPGA 206 I/O 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-6FTG256C</a><br>Description: IC FPGA 206 I/O 256FTBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-6BG332I</a><br>Description: IC FPGA 278 I/O 332CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-4TG144I</a><br>Description: IC FPGA 114 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-7000HC-6BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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Related keywords for LCMXO2-7000HC-5FTG256C

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