

LCMXO3L-6900C-6BG256I



Part Number: LCMXO3L-6900C-6BG256I

Manufacturer: Lattice Semiconductor

Description: IC FPGA 206 I/O 256CABGA

Data sheet:  [Product Selector Guide](#)  
 [MachXO3 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

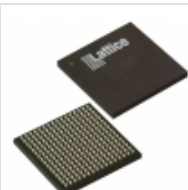
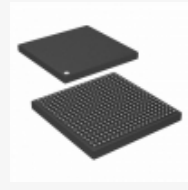
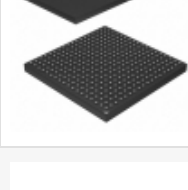
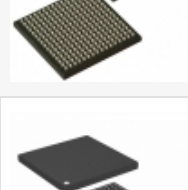
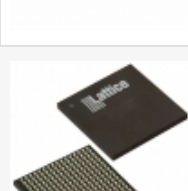
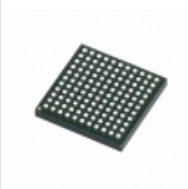
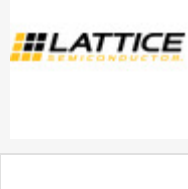
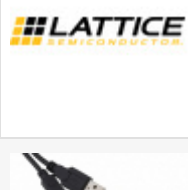
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy LCMXO3L-6900C-6BG256I with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LCMXO3L-6900C-6BG256I                     | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC FPGA 206 I/O 256CABGA                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7719 pcs                                  | Data sheet                      | <a href="#">Product Selector Guide</a><br><a href="#">MachXO3 Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 2.375 V ~ 3.465 V                                                                  |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 245760                                    | Supplier Device Package         | 256-CABGA (14x14)                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MachXO3                                   | Package / Case                  | 256-LFBGA                                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 220-1889                                  | Operating Temperature           | -40°C ~ 100°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                | LCMXO3L-6900                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 7719 pieces of Lattice Semiconductor LCMXO3L-6900C-6BG256I 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="#">LCMXO3L-6900C-5BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-6BG400C</a><br>Description: IC FPGA 335 I/O 400CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900E-6MG256C</a><br>Description: IC FPGA 206 I/O 256CSFBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-6BG324C</a><br>Description: IC FPGA 279 I/O 324CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-5BG324I</a><br>Description: IC FPGA 279 I/O 324CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900E-5MG256I</a><br>Description: IC FPGA 206 I/O 256CSFBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900E-5MG256C</a><br>Description: IC FPGA 206 I/O 256CSFBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-5BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-5BG400I</a><br>Description: IC FPGA 335 I/O 400CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-6BG324I</a><br>Description: IC FPGA 279 I/O 324CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-640E-6MG121C</a><br>Description: IC FPGA 100 I/O 121CSFBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-6BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-6BG400I</a><br>Description: IC FPGA 335 I/O 400CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-640E-5MG121I</a><br>Description: IC FPGA 100 I/O 121CSFBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-640E-6MG121I</a><br>Description: IC FPGA 100 I/O 121CSFBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-5BG400C</a><br>Description: IC FPGA 335 I/O 400CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-5BG324C</a><br>Description: IC FPGA 279 I/O 324CABGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900E-5MG324I</a><br>Description: IC FPGA 281 I/O 324CSFBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900E-5MG324C</a><br>Description: IC FPGA 281 I/O 324CSFBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-6900C-S-EVN</a><br>Description: DEV KIT FOR MACHXO3L        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

|                                             |                                                         |                                |                             |
|---------------------------------------------|---------------------------------------------------------|--------------------------------|-----------------------------|
| Related keywords for LCMXO3L-6900C-6BG256I  |                                                         |                                |                             |
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