

LCMXO3LF-6900C-6BG400I



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Part Number: LCMXO3LF-6900C-6BG400I

Manufacturer: Lattice Semiconductor

Description: IC FPGA 335 I/O 400CABGA

Data sheet:  [MachXO3 Prog and Configuration Guide](#)  
 [MachXO3 Family Datasheet](#)

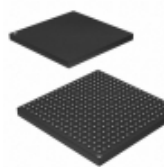
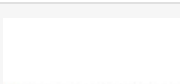
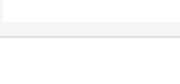
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LCMXO3LF-6900C-6BG400I                    | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FPGA 335 I/O 400CABGA                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6628 pcs                                  | Data sheet                      | <a href="#">MachXO3 Prog and Configuration 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         | 400-CABGA (17x17)                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MachXO3                                   | Package / Case                  | 400-LFBGA                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 220-1987                                  | Operating Temperature           | -40°C ~ 100°C (TJ)                                                                               |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6864                                      | Number of LABs/CLBs             | 858                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 335                                       | 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                |                                 |                                                                                                  |
| <div>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 6628 pieces of Lattice Semiconductor LCMXO3LF-6900C-6BG400I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</div> <div>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></div> |                                           |                                 |                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                      |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LCMXO3LF-6900C-5BG324C</a><br>Description: IC FPGA 279 I/O 324CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-6MG256C</a><br>Description: IC FPGA 206 I/O 256CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-5MG256C</a><br>Description: IC FPGA 206 I/O 256CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-5MG324I</a><br>Description: IC FPGA 281 I/O 324CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-5BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-6MG324I</a><br>Description: IC FPGA 281 I/O 324CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-9400C-5BG256C</a><br>Description: 9400 LUTS 206 I/O 2.5V/3.3V -5 S | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-6BG324I</a><br>Description: IC FPGA 279 I/O 324CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-6BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-6MG324C</a><br>Description: IC FPGA 281 I/O 324CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-6BG324C</a><br>Description: IC FPGA 279 I/O 324CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-S-EVN</a><br>Description: STARTER KIT MACHXO3LF              | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-6MG256I</a><br>Description: IC FPGA 206 I/O 256CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-5BG324I</a><br>Description: IC FPGA 279 I/O 324CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-6BG400C</a><br>Description: IC FPGA 335 I/O 400CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-5MG324C</a><br>Description: IC FPGA 281 I/O 324CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900E-5MG256I</a><br>Description: IC FPGA 206 I/O 256CSFBGA        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-5BG400C</a><br>Description: IC FPGA 335 I/O 400CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-6900C-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 LCMXO3LF-6900C-6BG400I  |                                                          |                                 |                              |
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