

LCMXO3LF-1300C-6BG256I



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Part Number:

LCMXO3LF-1300C-6BG256I

Manufacturer:

Lattice Semiconductor

Description:

IC FPGA 206 I/O 256CABGA

Data sheet:

 [MachXO3 Prog and Configuration Guide](#)

 [MachXO3 Family Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

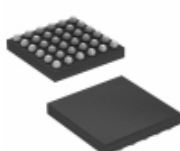
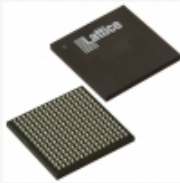
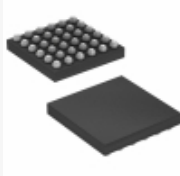
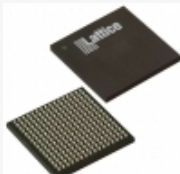
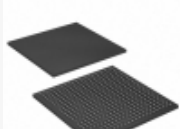
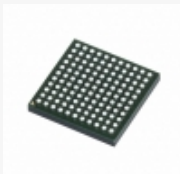
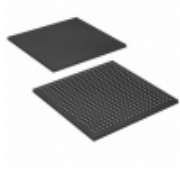
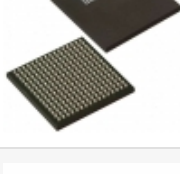
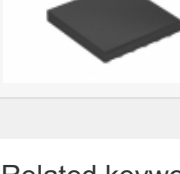
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                                  |
|----------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                      | LCMXO3LF-1300C-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               | 10785 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                   | 65536                                     | Supplier Device Package         | 256-CABGA (14x14)                                                                                |
| Series                           | MachXO3                                   | Package / Case                  | 256-LFBGA                                                                                        |
| Other Names                      | 220-2003                                  | Operating Temperature           | -40°C ~ 100°C (TJ)                                                                               |
| Number of Logic Elements/Cells   | 1280                                      | Number of LABs/CLBs             | 160                                                                                              |
| 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                |                                 |                                                                                                  |

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LCMXO3LF-1300E-5UWG36CTR50</a><br>Description: IC FPGA 28 I/O 36WLCSP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-9400E-6MG256I</a><br>Description: 9400 LUTS 206 I/O 1.2V -6 SPEED | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5MG256C</a><br>Description: IC FPGA 206 I/O 256CSFBGA      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-DSI-EVN</a><br>Description: BOARD EVAL FOR MACHXO3L               | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-SMA-EVN</a><br>Description: BOARD EVAL FOR MACHXO3L               | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5UWG36ITR50</a><br>Description: IC FPGA 28 I/O 36WLCSP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5MG256I</a><br>Description: IC FPGA 206 I/O 256CSFBGA      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5UWG36CTR</a><br>Description: IC FPGA 28 I/O 36WLCSP       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5MG121C</a><br>Description: IC FPGA 100 I/O 121CSFBGA      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300C-5BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-9400E-6BG400I</a><br>Description: MACHXO3L 9400 LUTS 1.2V         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-9400E-6BG484I</a><br>Description: MACHXO3L; 9400 LUTS; 1.2V       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-9400E-6MG256C</a><br>Description: 9400 LUTS 206 I/O 1.2V -6 SPEED | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5MG121I</a><br>Description: IC FPGA 100 I/O 121CSFBGA      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3L-9400E-6BG484C</a><br>Description: MACHXO3L 9400 LUTS 1.2V         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300C-6BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300C-5BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5UWG36ITR1K</a><br>Description: IC FPGA 28 I/O 36WLCSP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5UWG36ITR</a><br>Description: IC FPGA 28 I/O 36WLCSP       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO3LF-1300E-5UWG36CTR1K</a><br>Description: IC FPGA 28 I/O 36WLCSP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

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