

LCMXO2-1200ZE-3TG100IR1



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Part Number: [LCMXO2-1200ZE-3TG100IR1](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 79 I/O 100TQFP

Data sheet:  [Product Selector Guide](#)  
 [MachXO2™ Family Datasheet](#)  
 [Package Diagrams](#)  
 [MachXO2 Family Qualification Summary](#)  
 [Leaded Pkg PCB Layout Guide](#)

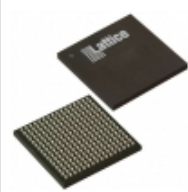
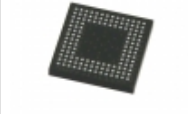
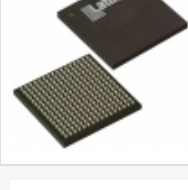
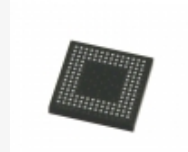
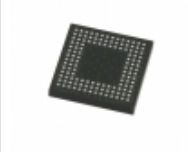
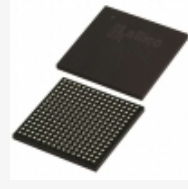
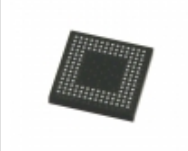
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                  |                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LCMXO2-1200ZE-3TG100IR1                   | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA 79 I/O 100TQFP                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5719 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="#">Leaded Pkg PCB Layout Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 65536                                     | Supplier Device Package          | 100-TQFP (14x14)                                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MachXO2                                   | Package / Case                   | 100-LQFP                                                                                                                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 1280                                                                                                                                                                                                                           |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 160                                       | Number of I/O                    | 79                                                                                                                                                                                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                | Base Part Number                 | LCMXO2-1200                                                                                                                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5719 pieces of Lattice Semiconductor LCMXO2-1200ZE-3TG100IR1 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="#">LCMXO2-2000HC-4BG256C</a><br>Description: IC FPGA 206 I/O 256CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG100I</a><br>Description: IC FPGA 79 I/O 100TQFP      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG144IR1</a><br>Description: IC FPGA 107 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-P1-EVN</a><br>Description: KIT DEVELOPMENT MACHXO2 PICO | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3MG132I</a><br>Description: IC FPGA 104 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG144I</a><br>Description: IC FPGA 107 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG100C</a><br>Description: IC FPGA 79 I/O 100TQFP      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3SG32I</a><br>Description: IC FPGA 21 I/O 32QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-P-EVN</a><br>Description: KIT DEVELOPMENT MACHXO2 PICO  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-2000HC-4FTG256C</a><br>Description: IC FPGA 206 I/O 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-2000HC-4BG256I</a><br>Description: IC FPGA 206 I/O 256CABGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG144C</a><br>Description: IC FPGA 107 I/O 144TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-2TG144IR1</a><br>Description: IC FPGA 107 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3MG132CR1</a><br>Description: IC FPGA 104 I/O 132CSBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3MG132IR1</a><br>Description: IC FPGA 104 I/O 132CSBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-2000HC-4FTG256I</a><br>Description: IC FPGA 206 I/O 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3SG32C</a><br>Description: IC FPGA 21 I/O 32QFN         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG144CR1</a><br>Description: IC FPGA 107 I/O 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3MG132C</a><br>Description: IC FPGA 104 I/O 132CSBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-1200ZE-3TG100CR1</a><br>Description: IC FPGA 79 I/O 100TQFP    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for LCMXO2-1200ZE-3TG100IR1

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