

LCMXO2-640HC-4SG48I



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Part Number:

LCMXO2-640HC-4SG48I

Manufacturer:

Lattice Semiconductor

Description:

MACHXO2 HIGH PERFORMANCE 640 LUT

Data sheet:

 [Product Selector Guide](#)

 [MachXO2™ Family Datasheet](#)

 [Package Diagrams](#)

 [MachXO2 Family Qualification Summary](#)

 [MachXO2 Family Handbook](#)

RoHs Status:

Lead free / RoHS Compliant

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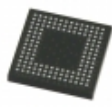
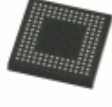
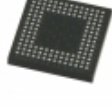
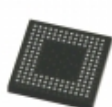
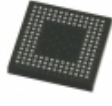
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LCMXO2-640HC-4SG48I                       | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MACHXO2 HIGH PERFORMANCE 640 LUT          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 23525 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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18432                                     | Supplier Device Package         | 48-QFN (7x7)                                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MachXO2                                   | Package / Case                  | 48-VFQFN Exposed Pad                                                                                                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells  | 640                                                                                                                                                                                                                        |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 80                                        | Number of I/O                   | 40                                                                                                                                                                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Surface Mount                             | Manufacturer Standard Lead Time | 9 Weeks                                                                                                                                                                                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                |                                 |                                                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 23525 pieces of Lattice Semiconductor LCMXO2-640HC-4SG48I 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="#">LCMXO2-640HC-5MG132C</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000ZE-3TG144C</a><br>Description: IC FPGA 114 I/O 144TQFP        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000ZE-3MG132C</a><br>Description: IC FPGA 104 I/O 132CSBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-6MG132I</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000ZE-3TG144I</a><br>Description: IC FPGA 114 I/O 144TQFP        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-5SG48C</a><br>Description: MACHXO2 HIGH PERFORMANCE 640 LUT | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-4MG132I</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-4MG132C</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-4MG132C2U</a><br>Description: IC PLD 640LUTS 132-CSBGA      | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000ZE-3MG132I</a><br>Description: IC FPGA 104 I/O 132CSBGA       | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-5TG100C</a><br>Description: IC FPGA 70 I/O 100TQFP          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-6MG132C</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-4SG48C</a><br>Description: MACHXO2 HIGH PERFORMANCE 640 LUT | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000ZE-3QN84C</a><br>Description: IC FPGA 68 I/O 84QFN            | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-5MG132I</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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Related keywords for LCMXO2-640HC-4SG48I

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