

LCMXO2-640HC-5MG132C



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Part Number: [LCMXO2-640HC-5MG132C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 79 I/O 132CSBGA

Data sheet:

 [Product Selector Guide](#)

 [MachXO2™ Family Datasheet](#)

 [Package Diagrams](#)

 [MachXO2 Family Qualification Summary](#)

 [MachXO2 Family Handbook](#)

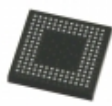
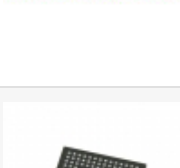
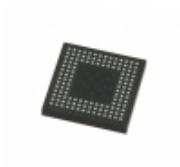
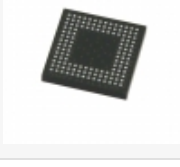
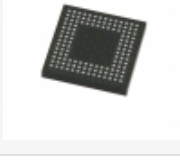
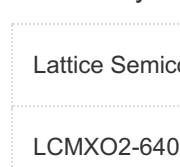
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LCMXO2-640HC-5MG132C                      | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC FPGA 79 I/O 132CSBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15766 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          | 132-CSPBGA (8x8)                                                                                                                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MachXO2                                   | Package / Case                   | 132-LFBGA, CSPBGA                                                                                                                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 640                                                                                                                                                                                                                        |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80                                        | Number of I/O                    | 79                                                                                                                                                                                                                         |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LCMXO2-640                                |                                  |                                                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 15766 pieces of Lattice Semiconductor LCMXO2-640HC-5MG132C 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-5MG132I</a><br>Description: IC FPGA 79 I/O 132CSBGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-5TG100I</a><br>Description: IC FPGA 70 I/O 100TQFP          | 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="#">LCMXO2-4000ZE-3TG144C</a><br>Description: IC FPGA 114 I/O 144TQFP        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-4TG100C</a><br>Description: IC FPGA 70 I/O 100TQFP          | 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-4TG100I</a><br>Description: IC FPGA 70 I/O 100TQFP          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-640HC-4SG48I</a><br>Description: MACHXO2 HIGH PERFORMANCE 640 LUT | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LCMXO2-4000ZE-3QN84I</a><br>Description: IC FPGA 68 I/O 84QFN            | 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-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-6TG100C</a><br>Description: IC FPGA 70 I/O 100TQFP          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|--------------------------------------------------|--------------------------------------------------------|-------------------------------|----------------------------|
| Related keywords for <b>LCMXO2-640HC-5MG132C</b> |                                                        |                               |                            |
| Lattice Semiconductor LCMXO2-640HC-5MG132C       | LCMXO2-640HC-5MG132C distributor                       | LCMXO2-640HC-5MG132C supplier | LCMXO2-640HC-5MG132C price |
| LCMXO2-640HC-5MG132C download datasheet          | LCMXO2-640HC-5MG132C datasheet                         | LCMXO2-640HC-5MG132C stock    | buy LCMXO2-640HC-5MG132C   |
| Lattice Semiconductor LCMXO2-640HC-5MG132C       | Lattice Semiconductor Corporation LCMXO2-640HC-5MG132C |                               |                            |