

LAMXO640C-3TN100E



Part Number: [LAMXO640C-3TN100E](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 320MC 4.9NS 100TQFP

Data sheet:  [Package Diagrams](#)  
 [LA-MachXO Automotive](#)  
 [Leaded Pkg PCB Layout Guide](#)

RoHs Status: Lead free / RoHS Compliant

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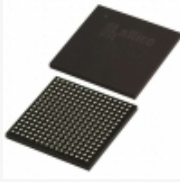
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                                                         |
|----------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                      | LAMXO640C-3TN100E                         | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                   |
| Description                      | IC CPLD 320MC 4.9NS 100TQFP               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                              |
| Quantity Available               | 7929 pcs                                  | Data sheet                      | <a href="#">Package Diagrams</a><br><a href="#">LA-MachXO Automotive</a><br><a href="#">Leaded Pkg PCB Layout Guide</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal       | 1.71 V ~ 3.465 V                                                                                                        |
| Supplier Device Package          | 100-TQFP (14x14)                          | Series                          | LA-MachXO                                                                                                               |
| Programmable Type                | In System Programmable                    | Packaging                       | Tray                                                                                                                    |
| Package / Case                   | 100-LQFP                                  | Other Names                     | 220-1639<br>LAMXO640C-3TN100E-ND<br>LAMXO640C3TN100E                                                                    |
| Operating Temperature            | -40°C ~ 125°C (TA)                        | Number of Macrocells            | 320                                                                                                                     |
| Number of I/O                    | 74                                        | 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                | Delay Time tpd(1) Max           | 4.9ns                                                                                                                   |
| Base Part Number                 | LAMXO640                                  |                                 |                                                                                                                         |

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|  | Part#: <a href="#">LAMXO640E-3TN100E</a><br>Description: IC CPLD 320MC 4.9NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO640C-3FTN256E</a><br>Description: IC CPLD 320MC 4.9NS 256TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMBDA-9D</a><br>Description: FCC CERTIFIED LORA RF MODULE 16K      | Manufacturers: <a href="#">RF Solutions</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO256C-3TN100E</a><br>Description: IC CPLD 128MC 4.9NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMB600-12-3Y</a><br>Description: CONN TERM RECT LUG 2 AWG #1/2     | Manufacturers: <a href="#">Panduit</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO2280E-3TN144E</a><br>Description: IC CPLD 1140MC 5.1NS 144TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMBDA-9S</a><br>Description: FCC CERTIFIED LORA RF MODULE 16K      | Manufacturers: <a href="#">RF Solutions</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO256E-3TN100E</a><br>Description: IC CPLD 128MC 4.9NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO2280E-3FTN324E</a><br>Description: IC CPLD 1140MC 5.1NS 324BGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMP ZFL LZ1 NEON 110V/220V</a><br>Description: SWITCH PUSHBUTTON   | Manufacturers: <a href="#">C&amp;K</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO2280E-3TN100E</a><br>Description: IC CPLD 1140MC 5.1NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO640E-3TN144E</a><br>Description: IC CPLD 320MC 4.9NS 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO1200E-3TN100E</a><br>Description: IC CPLD 600MC 5.1NS 100TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMLB800-12-3Y</a><br>Description: CONN TERM RECT LUG #1/2          | Manufacturers: <a href="#">Panduit</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO1200E-3TN144E</a><br>Description: IC CPLD 600MC 5.1NS 144TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO1200E-3FTN256E</a><br>Description: IC CPLD 600MC 5.1NS 256BGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO2280E-3FTN256E</a><br>Description: IC CPLD 1140MC 5.1NS 256BGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO640E-3FTN256E</a><br>Description: IC CPLD 320MC 4.9NS 256TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO640C-3TN144E</a><br>Description: IC CPLD 320MC 4.9NS 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMLB1000-12-3</a><br>Description: CONN TERM RECT LUG 500-1000MCM   | Manufacturers: <a href="#">Panduit</a>               | <div>RFQ</div> |

| Related keywords for LAMXO640C-3TN100E  |                                                     |                            |                         |
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