

LAMXO2280E-3TN144E



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Part Number: LAMXO2280E-3TN144E

Manufacturer: Lattice Semiconductor

Description: IC CPLD 1140MC 5.1NS 144TQFP

Data sheet:

Package Diagrams

LA-MachXO Automotive

Leaded Pkg PCB Layout Guide

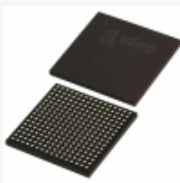
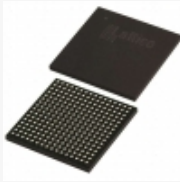
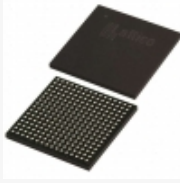
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                                  |                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | LAMXO2280E-3TN144E           | Manufacturer                     | Lattice Semiconductor                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC CPLD 1140MC 5.1NS 144TQFP | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 3450 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                                                                                                                                                                                                                                                                                                                                                                                                                   | Integrated Circuits (ICs)    | Voltage Supply - Internal        | 1.14 V ~ 1.26 V                                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 144-TQFP (20x20)             | Series                           | LA-MachXO                                                                                                               |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                          | In System Programmable       | Packaging                        | Tray                                                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 144-LQFP                     | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                                      |
| Number of Macrocells                                                                                                                                                                                                                                                                                                                                                                                                       | 1140                         | Number of I/O                    | 113                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                      | 5.1ns                        | Base Part Number                 | LAMXO2280                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 3450 pieces of Lattice Semiconductor LAMXO2280E-3TN144E 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: info@Components-World.com |                              |                                  |                                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                      |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | 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="#">LAMLB1000-12-3</a><br>Description: CONN TERM RECT LUG 500-1000MCM   | 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-3TN100E</a><br>Description: IC CPLD 600MC 5.1NS 100TQFP  | 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="#">LAMXO640C-3FTN256E</a><br>Description: IC CPLD 320MC 4.9NS 256TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LAMXO640C-3TN100E</a><br>Description: IC CPLD 320MC 4.9NS 100TQFP   | 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="#">LAMXO640E-3TN100E</a><br>Description: IC CPLD 320MC 4.9NS 100TQFP   | 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="#">LAMLB800-12-3Y</a><br>Description: CONN TERM RECT LUG #1/2          | Manufacturers: <a href="#">Panduit</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="#">LAMXO256E-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="#">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-3FTN256E</a><br>Description: IC CPLD 1140MC 5.1NS 256BGA | 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="#">LAMXO640E-3TN144E</a><br>Description: IC CPLD 320MC 4.9NS 144TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</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="#">LAMXO256C-3TN100E</a><br>Description: IC CPLD 128MC 4.9NS 100TQFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for LAMXO2280E-3TN144E

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