



Lattice Semiconductor



Image may be representation. See specifications for product details.

LCMXO2-1200HC-6TG144CR1

Lattice Semiconductor

IC FPGA 107 I/O 144TQFP

1.LCMXO2-1200HC-6TG144CR1.pdf

2.LCMXO2-1200HC-6TG144CR1.pdf

3.LCMXO2-1200HC-6TG144CR1.pdf

4.LCMXO2-1200HC-6TG144CR1.pdf

5.LCMXO2-1200HC-6TG144CR1.pdf

6.LCMXO2-1200HC-6TG144CR1.pdf

Lead free / RoHS Compliant

3574 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

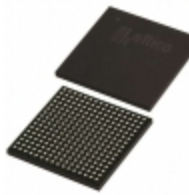
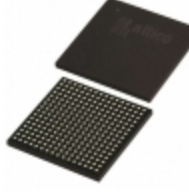
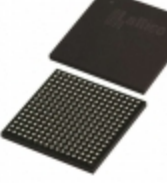
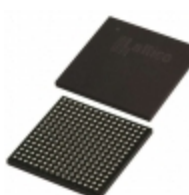
Specifications of LCMXO2-1200HC-6TG144CR1

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMXO2-1200HC-6TG144CR1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 107 I/O 144TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 3574 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       | <div>1.LCMXO2-1200HC-6TG144CR1.pdf</div> <div>2.LCMXO2-1200HC-6TG144CR1.pdf</div> <div>3.LCMXO2-1200HC-6TG144CR1.pdf</div> <div>4.LCMXO2-1200HC-6TG144CR1.pdf</div> <div>5.LCMXO2-1200HC-6TG144CR1.pdf</div> <div>6.LCMXO2-1200HC-6TG144CR1.pdf</div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.465 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| TOTAL RAM BITS                   | 65536                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 1280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 107                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                               |                                                           |                                                   |
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| LCMXO2-1200HC-6TG144CR1 Price                 | LCMXO2-1200HC-6TG144CR1 Pictures                          | LCMXO2-1200HC-6TG144CR1 Image                     |
| LCMXO2-1200HC-6TG144CR1 PDF Datasheet         | LCMXO2-1200HC-6TG144CR1 Download Datasheet                | LCMXO2-1200HC-6TG144CR1 Datasheet                 |
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Related Products

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| <div></div> <div><b>LCMXO2-1200HC-6TG100IR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 3640 pcs</div> <div>RFQ</div>   | <div></div> <div><b>LCMXO2-1200HC-6TG100CR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 5353 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>LCMXO2-1200UHC-5FTG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 7556 pcs</div> <div>RFQ</div> | <div></div> <div><b>LCMXO2-1200HC-6TG100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 10535 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LCMXO2-1200UHC-4FTG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 6549 pcs</div> <div>RFQ</div> | <div></div> <div><b>LCMXO2-1200HC-6TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 10382 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>LCMXO2-1200HC-6TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 144TQFP<br/>In stock: 8406 pcs</div> <div>RFQ</div>     | <div></div> <div><b>LCMXO2-1200UHC-5FTG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 6501 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>LCMXO2-1200UHC-4FTG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 9356 pcs</div> <div>RFQ</div> | <div></div> <div><b>LCMXO2-1200HC-6TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 10639 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>LCMXO2-1200HC-6TG144IR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 5954 pcs</div> <div>RFQ</div>  | <div></div> <div><b>LCMXO2-1200HC-6SG32I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 15112 pcs</div> <div>RFQ</div>       |