



Lattice Semiconductor



Image may be representation. See specifications for product details.

LCMXO2-1200HC-5TG144IR1

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | LCMXO2-1200HC-5TG144IR1                                                                                         |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                           |
| Product description | IC FPGA 107 I/O 144TQFP                                                                                         |
| Datasheets:         |  1.LCMXO2-1200HC-5TG144IR1.pdf |
|                     |  2.LCMXO2-1200HC-5TG144IR1.pdf |
|                     |  3.LCMXO2-1200HC-5TG144IR1.pdf |
|                     |  4.LCMXO2-1200HC-5TG144IR1.pdf |
|                     |  5.LCMXO2-1200HC-5TG144IR1.pdf |
|                     |  6.LCMXO2-1200HC-5TG144IR1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 4318 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

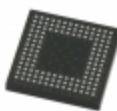
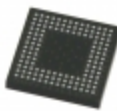
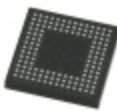
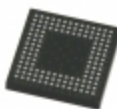
Specifications of LCMXO2-1200HC-5TG144IR1

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMXO2-1200HC-5TG144IR1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC FPGA 107 I/O 144TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 4318 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.LCMXO2-1200HC-5TG144IR1.pdf<br> 2.LCMXO2-1200HC-5TG144IR1.pdf<br> 3.LCMXO2-1200HC-5TG144IR1.pdf<br> 4.LCMXO2-1200HC-5TG144IR1.pdf<br> 5.LCMXO2-1200HC-5TG144IR1.pdf<br> 6.LCMXO2-1200HC-5TG144IR1.pdf |
| 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            | -40°C ~ 100°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

|                                               |                                                           |                                                   |
|-----------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|
| Lattice Semiconductor LCMXO2-1200HC-5TG144IR1 | LCMXO2-1200HC-5TG144IR1 Distributor                       | LCMXO2-1200HC-5TG144IR1 Supplier                  |
| LCMXO2-1200HC-5TG144IR1 Price                 | LCMXO2-1200HC-5TG144IR1 Pictures                          | LCMXO2-1200HC-5TG144IR1 Image                     |
| LCMXO2-1200HC-5TG144IR1 PDF Datasheet         | LCMXO2-1200HC-5TG144IR1 Download Datasheet                | LCMXO2-1200HC-5TG144IR1 Datasheet                 |
| LCMXO2-1200HC-5TG144IR1 Stock                 | Buy LCMXO2-1200HC-5TG144IR1                               | Buy Lattice Semiconductor LCMXO2-1200HC-5TG144IR1 |
| Lattice Semiconductor LCMXO2-1200HC-5TG144IR1 | Lattice Semiconductor Supplier                            | Lattice Semiconductor Distributor                 |
| Lattice Semiconductor LCMXO2-1200HC-5TG144IR1 | Lattice Semiconductor Corporation LCMXO2-1200HC-5TG144IR1 |                                                   |

Related Products

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|  <div><b>LCMXO2-1200HC-6MG132IR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 6253 pcs<br/>RFQ</div> |  <div><b>LCMXO2-1200HC-5TG100CR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 7056 pcs<br/>RFQ</div> |
|  <div><b>LCMXO2-1200HC-6MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 8069 pcs<br/>RFQ</div>   |  <div><b>LCMXO2-1200HC-6MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 9862 pcs<br/>RFQ</div> |
|  <div><b>LCMXO2-1200HC-5TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 9486 pcs<br/>RFQ</div>     |  <div><b>LCMXO2-1200HC-5TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 9397 pcs<br/>RFQ</div>  |
|  <div><b>LCMXO2-1200HC-5TG100IR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 3117 pcs<br/>RFQ</div>   |  <div><b>LCMXO2-1200HC-6SG32I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 15112 pcs<br/>RFQ</div>     |
|  <div><b>LCMXO2-1200HC-5TG144CR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 3525 pcs<br/>RFQ</div>  |  <div><b>LCMXO2-1200HC-5TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 10806 pcs<br/>RFQ</div> |
|  <div><b>LCMXO2-1200HC-6MG132CR1</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 2739 pcs<br/>RFQ</div> |  <div><b>LCMXO2-1200HC-6SG32C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 20354 pcs<br/>RFQ</div>     |