



LCMXO2-2000HC-6TG144I

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| Part Number:        | LCMXO2-2000HC-6TG144I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product description | IC FPGA 111 I/O 144TQFP <div><div>1.LCMXO2-2000HC-6TG144I.pdf</div><div>2.LCMXO2-2000HC-6TG144I.pdf</div><div>3.LCMXO2-2000HC-6TG144I.pdf</div><div>4.LCMXO2-2000HC-6TG144I.pdf</div><div>5.LCMXO2-2000HC-6TG144I.pdf</div><div>6.LCMXO2-2000HC-6TG144I.pdf</div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Stock Condition     | 6317 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

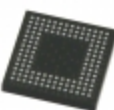
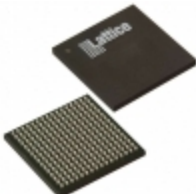
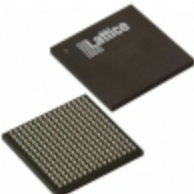
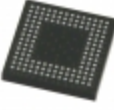
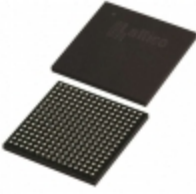
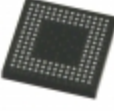
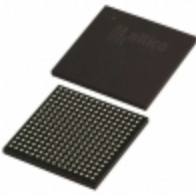
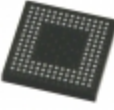
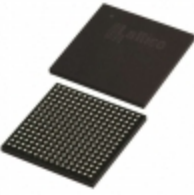
Specifications of LCMXO2-2000HC-6TG144I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| PART NUMBER                      | LCMXO2-2000HC-6TG144I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 111 I/O 144TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 6317 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>1.LCMXO2-2000HC-6TG144I.pdf</div><div>2.LCMXO2-2000HC-6TG144I.pdf</div><div>3.LCMXO2-2000HC-6TG144I.pdf</div><div>4.LCMXO2-2000HC-6TG144I.pdf</div><div>5.LCMXO2-2000HC-6TG144I.pdf</div><div>6.LCMXO2-2000HC-6TG144I.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.465 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TOTAL RAM BITS                   | 75776                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | 220-2137<br>LCMXO2-2000HC-6TG144I-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF LABS/CLBS              | 264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | LCMXO2-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                             |                                                         |                                                 |
|---------------------------------------------|---------------------------------------------------------|-------------------------------------------------|
| Lattice Semiconductor LCMXO2-2000HC-6TG144I | LCMXO2-2000HC-6TG144I Distributor                       | LCMXO2-2000HC-6TG144I Supplier                  |
| LCMXO2-2000HC-6TG144I Price                 | LCMXO2-2000HC-6TG144I Pictures                          | LCMXO2-2000HC-6TG144I Image                     |
| LCMXO2-2000HC-6TG144I PDF Datasheet         | LCMXO2-2000HC-6TG144I Download Datasheet                | LCMXO2-2000HC-6TG144I Datasheet                 |
| LCMXO2-2000HC-6TG144I Stock                 | Buy LCMXO2-2000HC-6TG144I                               | Buy Lattice Semiconductor LCMXO2-2000HC-6TG144I |
| Lattice Semiconductor LCMXO2-2000HC-6TG144I | Lattice Semiconductor Supplier                          | Lattice Semiconductor Distributor               |
| Lattice Semiconductor LCMXO2-2000HC-6TG144I | Lattice Semiconductor Corporation LCMXO2-2000HC-6TG144I |                                                 |

Related Products

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| <div></div> <div><b>LCMXO2-2000HC-6TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 111 I/O 144TQFP<br/>In stock: 7803 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>LCMXO2-2000HC-6MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 7177 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LCMXO2-2000HE-4BG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256CABGA<br/>In stock: 7009 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LCMXO2-2000HE-4BG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256CABGA<br/>In stock: 7219 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LCMXO2-2000HC-6TG100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 9971 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>LCMXO2-2000HE-4MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 12086 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>LCMXO2-2000HE-4FTG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 6904 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LCMXO2-2000HC-6MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 7680 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LCMXO2-2000HE-4FTG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 6283 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LCMXO2-2000HE-4MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: 8476 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LCMXO2-2000HC-6TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 6026 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>LCMXO2-2000HC-6FTG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 6578 pcs<br/><div>RFQ</div></div> |