



Lattice Semiconductor

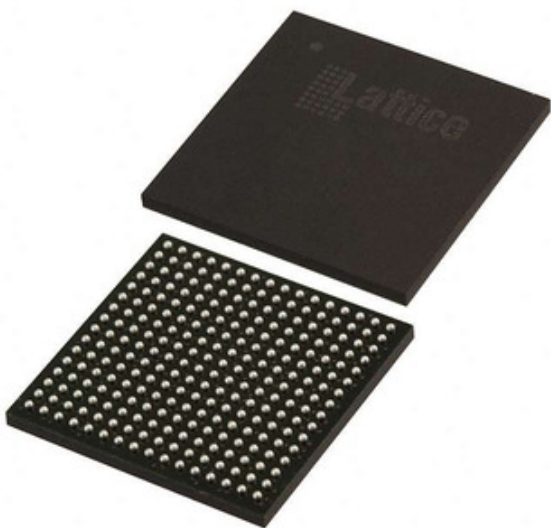


Image may be representation. See specifications for product details.

LCMXO2-2000HC-5FTG256I

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LCMXO2-2000HC-5FTG256I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product description | IC FPGA 206 I/O 256FTBGA <div><div>1.LCMXO2-2000HC-5FTG256I.pdf</div><div>2.LCMXO2-2000HC-5FTG256I.pdf</div><div>3.LCMXO2-2000HC-5FTG256I.pdf</div><div>4.LCMXO2-2000HC-5FTG256I.pdf</div><div>5.LCMXO2-2000HC-5FTG256I.pdf</div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

REQUEST FOR QUOTATION

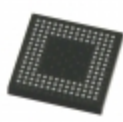
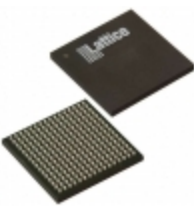
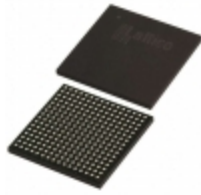
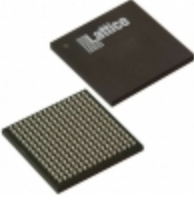
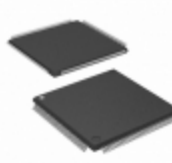
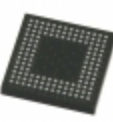
Specifications of LCMXO2-2000HC-5FTG256I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMXO2-2000HC-5FTG256I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 206 I/O 256FTBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       | <div><div>1.LCMXO2-2000HC-5FTG256I.pdf</div><div>2.LCMXO2-2000HC-5FTG256I.pdf</div><div>3.LCMXO2-2000HC-5FTG256I.pdf</div><div>4.LCMXO2-2000HC-5FTG256I.pdf</div><div>5.LCMXO2-2000HC-5FTG256I.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.465 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| TOTAL RAM BITS                   | 75776                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 256-FTBGA (17x17)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 206                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | LCMXO2-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                              |                                                          |                                                  |
|----------------------------------------------|----------------------------------------------------------|--------------------------------------------------|
| Lattice Semiconductor LCMXO2-2000HC-5FTG256I | LCMXO2-2000HC-5FTG256I Distributor                       | LCMXO2-2000HC-5FTG256I Supplier                  |
| LCMXO2-2000HC-5FTG256I Price                 | LCMXO2-2000HC-5FTG256I Pictures                          | LCMXO2-2000HC-5FTG256I Image                     |
| LCMXO2-2000HC-5FTG256I PDF Datasheet         | LCMXO2-2000HC-5FTG256I Download Datasheet                | LCMXO2-2000HC-5FTG256I Datasheet                 |
| LCMXO2-2000HC-5FTG256I Stock                 | Buy LCMXO2-2000HC-5FTG256I                               | Buy Lattice Semiconductor LCMXO2-2000HC-5FTG256I |
| Lattice Semiconductor LCMXO2-2000HC-5FTG256I | Lattice Semiconductor Supplier                           | Lattice Semiconductor Distributor                |
| Lattice Semiconductor LCMXO2-2000HC-5FTG256I | Lattice Semiconductor Corporation LCMXO2-2000HC-5FTG256I |                                                  |

Related Products

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| <div></div> <div><b>LCMXO2-2000HC-5MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>LCMXO2-2000HC-5BG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LCMXO2-2000HC-5FTG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LCMXO2-2000HC-4TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 266 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LCMXO2-2000HC-4TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 111 I/O 144TQFP<br/>In stock: 419 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LCMXO2-2000HC-5BG256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LCMXO2-2000HC-5TG100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>LCMXO2-2000HC-4TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 111 I/O 144TQFP<br/>In stock: 580 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LCMXO2-2000HC-5TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 111 I/O 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>LCMXO2-2000HC-5TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 100TQFP<br/>In stock: 270 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LCMXO2-2000HC-5TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 111 I/O 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>LCMXO2-2000HC-5MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 104 I/O 132CSBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |