



LCMXO2-7000HC-6BG256I

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| Part Number:        | LCMXO2-7000HC-6BG256I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product description | IC FPGA 206 I/O 256CABGA <div><div>1.LCMXO2-7000HC-6BG256I.pdf</div><div>2.LCMXO2-7000HC-6BG256I.pdf</div><div>3.LCMXO2-7000HC-6BG256I.pdf</div><div>4.LCMXO2-7000HC-6BG256I.pdf</div><div>5.LCMXO2-7000HC-6BG256I.pdf</div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

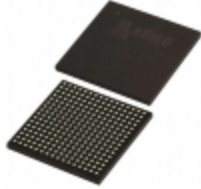
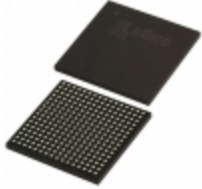
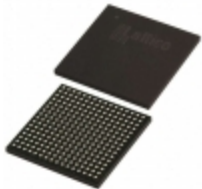
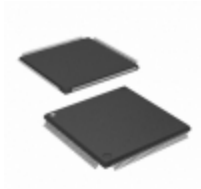
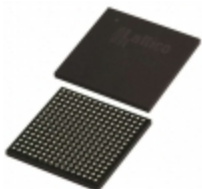
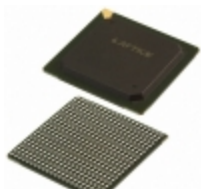
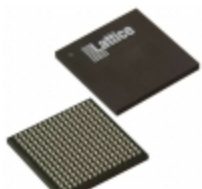
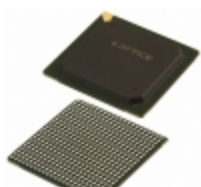
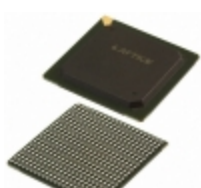
Specifications of LCMXO2-7000HC-6BG256I

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| PART NUMBER                      | LCMXO2-7000HC-6BG256I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC FPGA 206 I/O 256CABGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       | <div><div>1.LCMXO2-7000HC-6BG256I.pdf</div><div>2.LCMXO2-7000HC-6BG256I.pdf</div><div>3.LCMXO2-7000HC-6BG256I.pdf</div><div>4.LCMXO2-7000HC-6BG256I.pdf</div><div>5.LCMXO2-7000HC-6BG256I.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.465 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 245760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 256-CABGA (14x14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 256-LFBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 6864                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LABS/CLBS              | 858                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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                 | LCMXO2-7000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                             |                                                         |                                                 |
|---------------------------------------------|---------------------------------------------------------|-------------------------------------------------|
| Lattice Semiconductor LCMXO2-7000HC-6BG256I | LCMXO2-7000HC-6BG256I Distributor                       | LCMXO2-7000HC-6BG256I Supplier                  |
| LCMXO2-7000HC-6BG256I Price                 | LCMXO2-7000HC-6BG256I Pictures                          | LCMXO2-7000HC-6BG256I Image                     |
| LCMXO2-7000HC-6BG256I PDF Datasheet         | LCMXO2-7000HC-6BG256I Download Datasheet                | LCMXO2-7000HC-6BG256I Datasheet                 |
| LCMXO2-7000HC-6BG256I Stock                 | Buy LCMXO2-7000HC-6BG256I                               | Buy Lattice Semiconductor LCMXO2-7000HC-6BG256I |
| Lattice Semiconductor LCMXO2-7000HC-6BG256I | Lattice Semiconductor Supplier                          | Lattice Semiconductor Distributor               |
| Lattice Semiconductor LCMXO2-7000HC-6BG256I | Lattice Semiconductor Corporation LCMXO2-7000HC-6BG256I |                                                 |

Related Products

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| <div><div></div><div><b>LCMXO2-7000HC-6FTG256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 206 I/O 256FTBGA<br/>In stock: 51 pcs<br/><div>RFQ</div></div></div>   | <div><div></div><div><b>LCMXO2-7000HC-5FTG256I</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></div><div><b>LCMXO2-7000HC-6BG332C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 332CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div></div><div><b>LCMXO2-7000HC-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></div><div><b>LCMXO2-7000HC-5TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 114 I/O 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>LCMXO2-7000HC-6FTG256C</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></div><div><b>LCMXO2-7000HC-6FG484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 334 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>LCMXO2-7000HC-6BG256C</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></div><div><b>LCMXO2-7000HC-6FG484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 334 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>LCMXO2-7000HC-5TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 114 I/O 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div></div>   |
| <div><div></div><div><b>LCMXO2-7000HC-5FG484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 334 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  | <div><div></div><div><b>LCMXO2-7000HC-6BG332I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 278 I/O 332CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  |