



Lattice Semiconductor



Image may be representation. See specifications for product details.

LCMX02-640UHC-5TG144C

|                     |                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LCMX02-640UHC-5TG144C                                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                        |
| Product description | IC FPGA 107 I/O 144TQFP <div><div>PDF</div>1.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>2.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>3.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>4.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>5.LCMX02-640UHC-5TG144C.pdf</div></div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                              |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                         |
| Stock Condition     | 11829 pcs stock                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                        |

REQUEST FOR QUOTATION

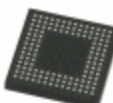
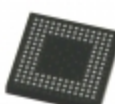
Specifications of LCMX02-640UHC-5TG144C

|                                  |                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LCMX02-640UHC-5TG144C                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 107 I/O 144TQFP                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 11829 pcs                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div><div>PDF</div>1.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>2.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>3.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>4.LCMX02-640UHC-5TG144C.pdf<div><div>PDF</div>5.LCMX02-640UHC-5TG144C.pdf</div></div></div></div></div> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.465 V                                                                                                                                                                                                                                                    |
| TOTAL RAM BITS                   | 65536                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                                                     |
| SERIES                           | MachXO2                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 640                                                                                                                                                                                                                                                                  |
| NUMBER OF LABS/CLBS              | 80                                                                                                                                                                                                                                                                   |
| 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                 | LCMX02-640                                                                                                                                                                                                                                                           |

Related Tags

|                                             |                                                         |                                                 |
|---------------------------------------------|---------------------------------------------------------|-------------------------------------------------|
| Lattice Semiconductor LCMX02-640UHC-5TG144C | LCMX02-640UHC-5TG144C Distributor                       | LCMX02-640UHC-5TG144C Supplier                  |
| LCMX02-640UHC-5TG144C Price                 | LCMX02-640UHC-5TG144C Pictures                          | LCMX02-640UHC-5TG144C Image                     |
| LCMX02-640UHC-5TG144C PDF Datasheet         | LCMX02-640UHC-5TG144C Download Datasheet                | LCMX02-640UHC-5TG144C Datasheet                 |
| LCMX02-640UHC-5TG144C Stock                 | Buy LCMX02-640UHC-5TG144C                               | Buy Lattice Semiconductor LCMX02-640UHC-5TG144C |
| Lattice Semiconductor LCMX02-640UHC-5TG144C | Lattice Semiconductor Supplier                          | Lattice Semiconductor Distributor               |
| Lattice Semiconductor LCMX02-640UHC-5TG144C | Lattice Semiconductor Corporation LCMX02-640UHC-5TG144C |                                                 |

Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div></div><div><b>LCMX02-640HC-6TG100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 70 I/O 100TQFP<br/>In stock: 17335 pcs<br/><div>RFQ</div></div></div>          | <div><div></div><div><b>LCMX02-640UHC-6TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 11701 pcs<br/><div>RFQ</div></div></div>        |
| <div><div></div><div><b>LCMX02-640UHC-5TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 12507 pcs<br/><div>RFQ</div></div></div>        | <div><div></div><div><b>LCMX02-640UHC-4TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 14926 pcs<br/><div>RFQ</div></div></div>        |
| <div><div></div><div><b>LCMX02-640UHC-4TG144C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 13831 pcs<br/><div>RFQ</div></div></div>        | <div><div></div><div><b>LCMX02-640ZE-1MG132I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 132CSBGA<br/>In stock: 15758 pcs<br/><div>RFQ</div></div></div>         |
| <div><div></div><div><b>LCMX02-640ZE-1MG132C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 79 I/O 132CSBGA<br/>In stock: 13471 pcs<br/><div>RFQ</div></div></div>         | <div><div></div><div><b>LCMX02-640HC-6TG100I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 70 I/O 100TQFP<br/>In stock: 12725 pcs<br/><div>RFQ</div></div></div>          |
| <div><div></div><div><b>LCMX02-640UHC-6TG144I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 107 I/O 144TQFP<br/>In stock: 10423 pcs<br/><div>RFQ</div></div></div>        | <div><div></div><div><b>LCMX02-640HC-6SG48I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: MACHXO2 HIGH PERFORMANCE 640 LUT<br/>In stock: 18477 pcs<br/><div>RFQ</div></div></div> |
| <div><div></div><div><b>LCMX02-640HC-6SG48C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: MACHXO2 HIGH PERFORMANCE 640 LUT<br/>In stock: 27353 pcs<br/><div>RFQ</div></div></div> | <div><div></div><div><b>LCMX02-640ZE-1TG100C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 70 I/O 100TQFP<br/>In stock: 18453 pcs<br/><div>RFQ</div></div></div>          |