




Lattice Semiconductor

ICE40LP8K-CM81

| | |
|----------------------|--|
| Part Number: | ICE40LP8K-CM81 |
| Manufacturer/Brand: | Lattice Semiconductor |
| Product description: | IC FPGA 63 I/O 81UCBGA PDF 1.ICE40LP8K-CM81.pdf PDF 2.ICE40LP8K-CM81.pdf PDF 3.ICE40LP8K-CM81.pdf |
| Datasheets: | |
| RoHS Status: |  Lead free / RoHS Compliant |
| Stock Condition: | 11954 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.



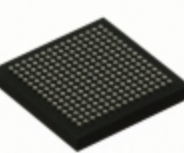

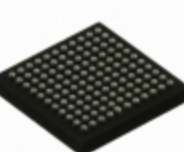







Specifications of ICE40LP8K-CM81

| | |
|----------------------------------|--|
| PART NUMBER | ICE40LP8K-CM81 |
| MANUFACTURER | Lattice Semiconductor |
| DESCRIPTION | IC FPGA 63 I/O 81UCBGA |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 11954 pcs |
| DATA SHEET | PDF 1.ICE40LP8K-CM81.pdf PDF 2.ICE40LP8K-CM81.pdf PDF 3.ICE40LP8K-CM81.pdf |
| VOLTAGE - SUPPLY | 1.14 V ~ 1.26 V |
| TOTAL RAM BITS | 131072 |
| SUPPLIER DEVICE PACKAGE | 81-UCBGA (4x4) |
| SERIES | LP |
| PACKAGE / CASE | 81-VFBGA |
| OTHER NAMES | 220-1858 ICE40LP8K-CM81-ND ICE40LP8K-CM81 ICE40LP8K-CM81-ND Q7438742 |
| OPERATING TEMPERATURE | -40°C ~ 100°C (TJ) |
| NUMBER OF LOGIC ELEMENTS/CELLS | 7680 |
| NUMBER OF LABS/CLBS | 960 |
| NUMBER OF I/O | 63 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |

Related Tags

| | | |
|--------------------------------------|--|--|
| Lattice Semiconductor ICE40LP8K-CM81 | ICE40LP8K-CM81 Distributor | ICE40LP8K-CM81 Supplier |
| ICE40LP8K-CM81 Price | ICE40LP8K-CM81 Pictures | ICE40LP8K-CM81 Image |
| ICE40LP8K-CM81 PDF Datasheet | ICE40LP8K-CM81 Download Datasheet | ICE40LP8K-CM81 Datasheet |
| ICE40LP8K-CM81 Stock | Buy ICE40LP8K-CM81 | Buy Lattice Semiconductor ICE40LP8K-CM81 |
| Lattice Semiconductor ICE40LP8K-CM81 | Lattice Semiconductor Supplier | Lattice Semiconductor Distributor |
| Lattice Semiconductor ICE40LP8K-CM81 | Lattice Semiconductor Corporation ICE40LP8K-CM81 | |

Related Products

| | |
|--|---|
|  <p>ICE40LP8K-USBC-EVN Manufacturers: Lattice Semiconductor Description: DEMO KIT FOR ICE40LP8K In stock: 530 pcs RFQ</p> |  <p>ICE40UL1K-CM36AITR Manufacturers: Lattice Semiconductor Description: IC FPGA 26 I/O 36UCBGA In stock: 65721 pcs RFQ</p> |
|  <p>ICE40LP8K-CM225 Manufacturers: Lattice Semiconductor Description: IC FPGA 178 I/O 225UCBGA In stock: 11570 pcs RFQ</p> |  <p>ICE40LP8K-CM121TR1K Manufacturers: Lattice Semiconductor Description: IC FPGA 93 I/O 121UCBGA In stock: 14495 pcs RFQ</p> |
|  <p>ICE40LP8K-CM121 Manufacturers: Lattice Semiconductor Description: IC FPGA 93 I/O 121UCBGA In stock: 10540 pcs RFQ</p> |  <p>ICE40UL1K-B-EVN Manufacturers: Lattice Semiconductor Description: BREAKOUT BOARD IC FPGA ULTRA In stock: 1263 pcs RFQ</p> |
|  <p>ICE40UL1K-CM36AITR1K Manufacturers: Lattice Semiconductor Description: IC FPGA 26 I/O 36UCBGA In stock: 68694 pcs RFQ</p> |  <p>ICE40LP8K-CM121TR Manufacturers: Lattice Semiconductor Description: IC FPGA 93 I/O 121UCBGA In stock: 12223 pcs RFQ</p> |
|  <p>ICE40LP640-SWG16TR1K Manufacturers: Lattice Semiconductor Description: IC FPGA 10 I/O 16WLCSP In stock: 36695 pcs RFQ</p> |  <p>ICE40UL1K-SWG16TR Manufacturers: Lattice Semiconductor Description: IC FPGA 10 I/O 16WLCSP In stock: 74692 pcs RFQ</p> |
|  <p>ICE40UL1K-CM36AI Manufacturers: Lattice Semiconductor Description: IC FPGA 26 I/O 36UCBGA In stock: 54156 pcs RFQ</p> |  <p>ICE40LP640-SWG16TR50 Manufacturers: Lattice Semiconductor Description: IC FPGA 10 I/O 16WLCSP In stock: 35550 pcs RFQ</p> |