



ICE40LP4K-CM81TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICE40LP4K-CM81TR                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 63 I/O 81UCBGA                                                                                       |
|                     |  1.ICE40LP4K-CM81TR.pdf     |
|                     |  2.ICE40LP4K-CM81TR.pdf     |
|                     |  3.ICE40LP4K-CM81TR.pdf     |
|                     |  4.ICE40LP4K-CM81TR.pdf     |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 21417 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

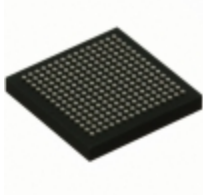
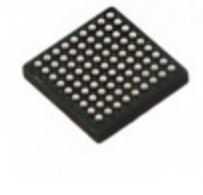
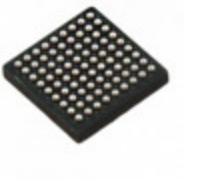
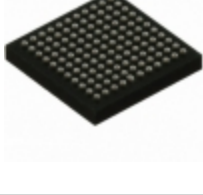
Specifications of ICE40LP4K-CM81TR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE40LP4K-CM81TR                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 63 I/O 81UCBGA                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 21417 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.ICE40LP4K-CM81TR.pdf<br> 2.ICE40LP4K-CM81TR.pdf<br> 3.ICE40LP4K-CM81TR.pdf<br> 4.ICE40LP4K-CM81TR.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TOTAL RAM BITS                   | 81920                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 81-UCBGA (4x4)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | LP                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 81-VFBGA                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 3520                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF LABS/CLBS              | 440                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 ICE40LP4K-CM81TR | ICE40LP4K-CM81TR Distributor                       | ICE40LP4K-CM81TR Supplier                  |
| ICE40LP4K-CM81TR Price                 | ICE40LP4K-CM81TR Pictures                          | ICE40LP4K-CM81TR Image                     |
| ICE40LP4K-CM81TR PDF Datasheet         | ICE40LP4K-CM81TR Download Datasheet                | ICE40LP4K-CM81TR Datasheet                 |
| ICE40LP4K-CM81TR Stock                 | Buy ICE40LP4K-CM81TR                               | Buy Lattice Semiconductor ICE40LP4K-CM81TR |
| Lattice Semiconductor ICE40LP4K-CM81TR | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor ICE40LP4K-CM81TR | Lattice Semiconductor Corporation ICE40LP4K-CM81TR |                                            |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
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|  <div><b>ICE40LP4K-CM225</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 167 I/O 225UCBGA<br/>In stock: 15369 pcs<br/><b>RFQ</b></div>    |  <div><b>ICE40LP384-SG32TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 57407 pcs<br/><b>RFQ</b></div>    |
|  <div><b>ICE40LP640-SWG16TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 10 I/O 16WLCSP<br/>In stock: 36695 pcs<br/><b>RFQ</b></div> |  <div><b>ICE40LP4K-CM121TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 121UCBGA<br/>In stock: 20221 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ICE40LP4K-CM81TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 63 I/O 81UCBGA<br/>In stock: 16721 pcs<br/><b>RFQ</b></div>   |  <div><b>ICE40LP640-CM81</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 63 I/O 81UCBGA<br/>In stock: 6396 pcs<br/><b>RFQ</b></div>       |
|  <div><b>ICE40LP640-CM49</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 35 I/O 49UCBGA<br/>In stock: 4988 pcs<br/><b>RFQ</b></div>       |  <div><b>ICE40LP640-SWG16TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 10 I/O 16WLCSP<br/>In stock: 46348 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ICE40LP4K-CM121</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 121UCBGA<br/>In stock: 21381 pcs<br/><b>RFQ</b></div>     |  <div><b>ICE40LP4K-CM121TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 121UCBGA<br/>In stock: 19443 pcs<br/><b>RFQ</b></div> |
|  <div><b>ICE40LP4K-CM81</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 63 I/O 81UCBGA<br/>In stock: 18450 pcs<br/><b>RFQ</b></div>       |  <div><b>ICE40LP640-CM36</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 25 I/O 36UCBGA<br/>In stock: 3064 pcs<br/><b>RFQ</b></div>       |