



Lattice Semiconductor

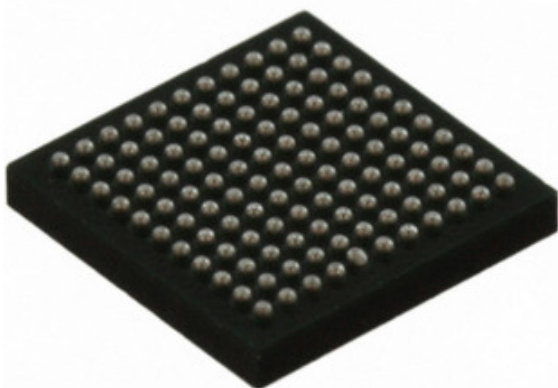


Image may be representation. See specifications for product details.

ICE40LP4K-CM121

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICE40LP4K-CM121                                                                                              |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC FPGA 93 I/O 121UCBGA                                                                                      |
|                     |  1.ICE40LP4K-CM121.pdf      |
|                     |  2.ICE40LP4K-CM121.pdf      |
|                     |  3.ICE40LP4K-CM121.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21381 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

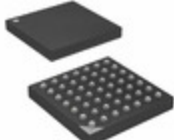
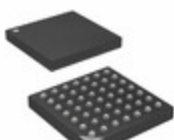
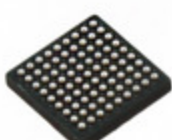
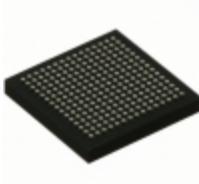
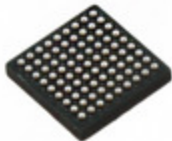
Specifications of ICE40LP4K-CM121

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE40LP4K-CM121                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 93 I/O 121UCBGA                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 21381 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.ICE40LP4K-CM121.pdf<br> 2.ICE40LP4K-CM121.pdf<br> 3.ICE40LP4K-CM121.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 81920                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 121-UCBGA (5x5)                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | LP                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 121-VFBGA                                                                                                                                                                                                                                                                                                                           |
| OTHER NAMES                      | 220-1569<br>ICE40LP4KCM121                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 3520                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 440                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 93                                                                                                                                                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | ICE40                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                       |                                                   |                                           |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|
| Lattice Semiconductor ICE40LP4K-CM121 | ICE40LP4K-CM121 Distributor                       | ICE40LP4K-CM121 Supplier                  |
| ICE40LP4K-CM121 Price                 | ICE40LP4K-CM121 Pictures                          | ICE40LP4K-CM121 Image                     |
| ICE40LP4K-CM121 PDF Datasheet         | ICE40LP4K-CM121 Download Datasheet                | ICE40LP4K-CM121 Datasheet                 |
| ICE40LP4K-CM121 Stock                 | Buy ICE40LP4K-CM121                               | Buy Lattice Semiconductor ICE40LP4K-CM121 |
| Lattice Semiconductor ICE40LP4K-CM121 | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor ICE40LP4K-CM121 | Lattice Semiconductor Corporation ICE40LP4K-CM121 |                                           |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ICE40LP384-CM81TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 55 I/O 81UCBGA<br/>In stock: 3810 pcs<br/><div>RFQ</div></div>     |  <div><b>ICE40LP384-CM49TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 47828 pcs<br/><div>RFQ</div></div> |
|  <div><b>ICE40LP4K-CM81</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 63 I/O 81UCBGA<br/>In stock: 18450 pcs<br/><div>RFQ</div></div>       |  <div><b>ICE40LP384-CM49TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 57784 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ICE40LP4K-CM81TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 63 I/O 81UCBGA<br/>In stock: 16721 pcs<br/><div>RFQ</div></div>   |  <div><b>ICE40LP384-SG32</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 56168 pcs<br/><div>RFQ</div></div>       |
|  <div><b>ICE40LP4K-CM121TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 121UCBGA<br/>In stock: 19443 pcs<br/><div>RFQ</div></div> |  <div><b>ICE40LP4K-CM225</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 167 I/O 225UCBGA<br/>In stock: 15369 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ICE40LP4K-CM81TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 63 I/O 81UCBGA<br/>In stock: 21417 pcs<br/><div>RFQ</div></div>     |  <div><b>ICE40LP384-SG32TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 75158 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ICE40LP4K-CM121TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 93 I/O 121UCBGA<br/>In stock: 20221 pcs<br/><div>RFQ</div></div>   |  <div><b>ICE40LP384-SG32TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 21 I/O 32QFN<br/>In stock: 57407 pcs<br/><div>RFQ</div></div>   |