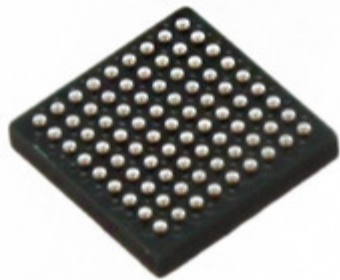


ICE40LP1K-CM81TR



Images are for reference only.  
See Product Specifications for product details.  
Buy ICE40LP1K-CM81TR with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** ICE40LP1K-CM81TR

**Manufacturer:** Lattice Semiconductor

**Description:** IC FPGA 63 I/O 81UCBGA

**Data sheet:**  ICE40™ LP/HX Family Datasheet  
 Product Selector Guide  
 ICE40 LP/HX/LM Family Handbook

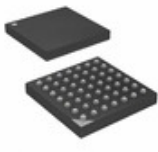
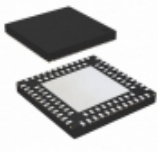
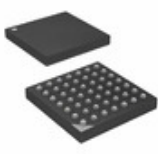
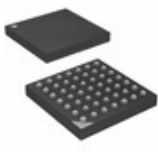
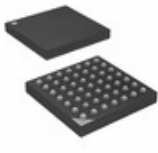
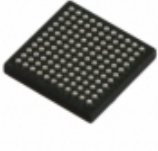
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                  |                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | ICE40LP1K-CM81TR          | Manufacturer                     | Lattice Semiconductor                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC FPGA 63 I/O 81UCBGA    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 27539 pcs                 | Data sheet                       | ICE40™ LP/HX Family Datasheet<br>Product Selector Guide<br>ICE40 LP/HX/LM Family Handbook |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs) | Voltage - Supply                 | 1.14 V ~ 1.26 V                                                                           |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                            | 65536                     | Supplier Device Package          | 81-UCBGA (4x4)                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | LP                        | Package / Case                   | 81-VFBGA                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 100°C (TJ)        | Number of Logic Elements/Cells   | 1280                                                                                      |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                       | 160                       | Number of I/O                    | 63                                                                                        |
| 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                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 27539 pieces of Lattice Semiconductor ICE40LP1K-CM81TR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                           |                                  |                                                                                           |

| RELATED PRODUCTS                                                                   |                                                                          |                                      |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: ICE40LP1K-CM81<br>Description: IC FPGA 63 I/O 81UCBGA             | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM36<br>Description: IC FPGA 25 I/O 36UCBGA             | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP384-CM36TR<br>Description: IC FPGA 25 I/O 36UCBGA          | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM49TR1K<br>Description: IC FPGA 35 I/O 49UCBGA         | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM36TR<br>Description: IC FPGA 25 I/O 36UCBGA           | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-SWG16TR1K<br>Description: IC FPGA 10 I/O 16WLCSP        | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-SWG16-EVN<br>Description: ICE40 16-WLCSP EVALUATION KIT | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP384-CM36<br>Description: IC FPGA 25 I/O 36UCBGA            | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-SWG16TR<br>Description: IC FPGA 10 I/O 16WLCSP          | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM121TR1K<br>Description: IC FPGA 95 I/O 121UCBGA       | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM81TR1K<br>Description: IC FPGA 63 I/O 81UCBGA         | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM121TR<br>Description: IC FPGA 95 I/O 121UCBGA         | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-QN84<br>Description: IC FPGA 67 I/O 84QFN               | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP384-CM36TR1K<br>Description: IC FPGA 25 I/O 36UCBGA        | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM49TR<br>Description: IC FPGA 35 I/O 49UCBGA           | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP384-CM49<br>Description: IC FPGA 37 I/O 49UCBGA            | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM36TR1K<br>Description: IC FPGA 25 I/O 36UCBGA         | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM49<br>Description: IC FPGA 35 I/O 49UCBGA             | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-SWG16TR50<br>Description: IC FPGA 10 I/O 16WLCSP        | Manufacturers: Lattice Semiconductor | RFQ |
|  | Part#: ICE40LP1K-CM121<br>Description: IC FPGA 95 I/O 121UCBGA           | Manufacturers: Lattice Semiconductor | RFQ |

Related keywords for ICE40LP1K-CM81TR

|                                        |                                                    |                           |                        |
|----------------------------------------|----------------------------------------------------|---------------------------|------------------------|
| Lattice Semiconductor ICE40LP1K-CM81TR | ICE40LP1K-CM81TR distributor                       | ICE40LP1K-CM81TR supplier | ICE40LP1K-CM81TR price |
| ICE40LP1K-CM81TR download datasheet    | ICE40LP1K-CM81TR datasheet                         | ICE40LP1K-CM81TR stock    | buy ICE40LP1K-CM81TR   |
| Lattice Semiconductor ICE40LP1K-CM81TR | Lattice Semiconductor Corporation ICE40LP1K-CM81TR |                           |                        |