



Lattice Semiconductor



Image may be representation. See specifications for product details.

ICE40UL1K-SWG16ITR

Part Number:

ICE40UL1K-SWG16ITR

Manufacturer/Brand:

Lattice Semiconductor

Product description

IC FPGA 10 I/O 16WLCSP

Datasheets:

 ICE40UL1K-SWG16ITR.pdf

RoHs Status

 Lead free / RoHS Compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ICE40UL1K-SWG16ITR

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE40UL1K-SWG16ITR                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                      |
| DESCRIPTION                      | IC FPGA 10 I/O 16WLCSP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| DATA SHEET                       |  ICE40UL1K-SWG16ITR.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                            |
| TOTAL RAM BITS                   | 57344                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 16-WLCSP (1.4x1.5)                                                                                         |
| SERIES                           | UltraLite                                                                                                  |
| PACKAGE / CASE                   | 16-XFBGA, WLCSP                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 1248                                                                                                       |
| NUMBER OF LABS/CLBS              | 156                                                                                                        |
| NUMBER OF I/O                    | 10                                                                                                         |
| 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                                                                                 |

Related Tags

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Related Products



**ICE40UL640-CM36AI**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 26 I/O 36UCBGA  
In stock: 372 pcs  
RFQ



**ICE40UL1K-CM36AITR1K**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 26 I/O 36UCBGA  
In stock: Out stock  
RFQ



**ICE40UL640-CM36AITR1K**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 26 I/O 36UCBGA  
In stock: Out stock  
RFQ



**ICE40UL1K-B-EVN**  
Manufacturers: Lattice Semiconductor  
Description: BREAKOUT BOARD IC FPGA ULTRA  
In stock: 13 pcs  
RFQ



**ICE40UL640-CM36AITR**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 26 I/O 36UCBGA  
In stock: Out stock  
RFQ



**ICE40LP8K-CM81**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 63 I/O 81UCBGA  
In stock: 167 pcs  
RFQ



**ICE40UL640-SWG16ITR**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 10 I/O 16WLCSP  
In stock: Out stock  
RFQ



**ICE40LP8K-USBC-EVN**  
Manufacturers: Lattice Semiconductor  
Description: DEMO KIT FOR ICE40LP8K  
In stock: Out stock  
RFQ



**ICE40UL1K-SWG16ITR1K**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 10 I/O 16WLCSP  
In stock: Out stock  
RFQ



**ICE40UL1K-CM36AITR**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 26 I/O 36UCBGA  
In stock: Out stock  
RFQ



**ICE40UL1K-SWG16ITR50**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 10 I/O 16WLCSP  
In stock: 350 pcs  
RFQ



**ICE40UL1K-CM36AI**  
Manufacturers: Lattice Semiconductor  
Description: IC FPGA 26 I/O 36UCBGA  
In stock: 39 pcs  
RFQ