

ICE40LM1K-CM36



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See Product Specifications for product details.  
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Part Number: ICE40LM1K-CM36

Manufacturer: Lattice Semiconductor

Description: IC FPGA 28 I/O 36UCBGA

Data sheet:

Product Selector Guide

Package Diagrams

ICE40 LP/HX/LM Family Handbook

ICE40LM Family Data Sheet

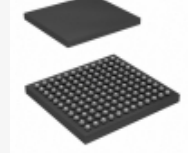
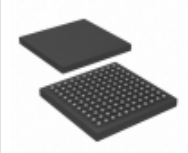
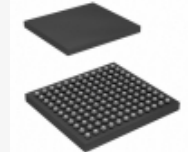
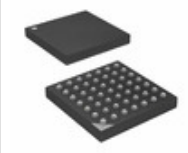
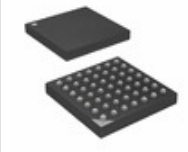
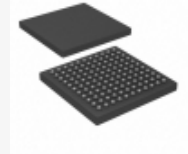
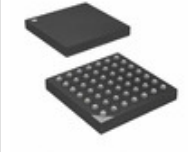
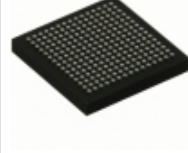
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ICE40LM1K-CM36                            | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC FPGA 28 I/O 36UCBGA                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 29541 pcs                                 | Data sheet                      | <a href="#">Product Selector Guide</a><br><a href="#">Package Diagrams</a><br><a href="#">ICE40 LP/HX/LM Family Handbook</a><br><a href="#">ICE40LM Family Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.14 V ~ 1.26 V                                                                                                                                                           |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 65536                                     | Supplier Device Package         | 36-UCBGA (2.5x2.5)                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LM                                        | Package / Case                  | 36-VFBGA                                                                                                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 220-1859                                  | Operating Temperature           | -40°C ~ 100°C (TJ)                                                                                                                                                        |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1000                                      | Number of LABs/CLBs             | 125                                                                                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28                                        | 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 29541 pieces of Lattice Semiconductor ICE40LM1K-CM36 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                                                                                           |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                      |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">ICE40LM1K-CM49TR1K</a><br>Description: IC FPGA 37 I/O 49UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM1K-SWG25TR50</a><br>Description: IC FPGA 18 I/O 25WLCSP         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM1K-SWG25TR</a><br>Description: IC FPGA 18 I/O 25WLCSP           | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-CB132</a><br>Description: IC FPGA 95 I/O 132CSBGA            | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX640-VQ100</a><br>Description: IC FPGA 67 I/O 100VQFP            | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX4K-TQ144</a><br>Description: IC FPGA 107 I/O 144TQFP            | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-BG121TR</a><br>Description: ICE40HX ULTRA LOW-POWER, 7680 LU | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX4K-CB132</a><br>Description: IC FPGA 95 I/O 132CSBGA            | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM2K-CM49TR1K</a><br>Description: IC FPGA 37 I/O 49UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM1K-SWG25TR1K</a><br>Description: IC FPGA 18 I/O 25WLCSP         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM2K-CM49</a><br>Description: IC FPGA 37 I/O 49UCBGA              | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-BG121</a><br>Description: ICE40HX ULTRA LOW-POWER, 7680 LU   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM1K-CM49</a><br>Description: IC FPGA LP 3502LUTS 1.2V 49UCBGA    | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM2K-CM36</a><br>Description: IC FPGA 28 I/O 36UCBGA              | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-CM225</a><br>Description: IC FPGA 178 I/O 225UCBGA           | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-DRAGON-EVN</a><br>Description: BOARD EVAL FOR ICE40HX        | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM1K-CM36TR1K</a><br>Description: IC FPGA 28 I/O 36UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40LM2K-CM36TR1K</a><br>Description: IC FPGA 28 I/O 36UCBGA          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-CT256</a><br>Description: IC FPGA 206 I/O 256CABGA           | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ICE40HX8K-B-EVN</a><br>Description: ICE40-HX8K BREAKOUT BOARD          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

| Related keywords for ICE40LM1K-CM36  |                                                  |                         |                      |
|--------------------------------------|--------------------------------------------------|-------------------------|----------------------|
| Lattice Semiconductor ICE40LM1K-CM36 | ICE40LM1K-CM36 distributor                       | ICE40LM1K-CM36 supplier | ICE40LM1K-CM36 price |
| ICE40LM1K-CM36 download datasheet    | ICE40LM1K-CM36 datasheet                         | ICE40LM1K-CM36 stock    | buy ICE40LM1K-CM36   |
| Lattice Semiconductor ICE40LM1K-CM36 | Lattice Semiconductor Corporation ICE40LM1K-CM36 |                         |                      |