



ICE40LM2K-CM36TR1K

|                     |                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICE40LM2K-CM36TR1K                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                                          |
| Product description | IC FPGA 28 I/O 36UCBGA <div><div>1.ICE40LM2K-CM36TR1K.pdf</div><div>2.ICE40LM2K-CM36TR1K.pdf</div><div>3.ICE40LM2K-CM36TR1K.pdf</div></div> |
| Datasheets:         | <div><div>Lead free / RoHS Compliant</div></div>                                                                                                                                                                                                                                                              |
| RoHs Status         |                                                                                                                                                                                                                                                                                                                                                                                                |
| Stock Condition     | 21038 pcs stock                                                                                                                                                                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                          |

REQUEST FOR QUOTATION

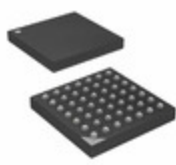
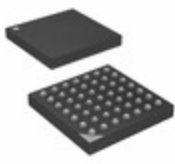
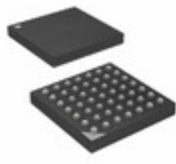
Specifications of ICE40LM2K-CM36TR1K

|                                  |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE40LM2K-CM36TR1K                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 28 I/O 36UCBGA                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 21038 pcs                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>1.ICE40LM2K-CM36TR1K.pdf</div><div>2.ICE40LM2K-CM36TR1K.pdf</div><div>3.ICE40LM2K-CM36TR1K.pdf</div></div> |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 81920                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 36-UCBGA (2.5x2.5)                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | LM                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 36-VFBGA                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2000                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 250                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 28                                                                                                                                                                                                                                                                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | ICE40LM2K                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                          |                                                      |                                              |
|------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Lattice Semiconductor ICE40LM2K-CM36TR1K | ICE40LM2K-CM36TR1K Distributor                       | ICE40LM2K-CM36TR1K Supplier                  |
| ICE40LM2K-CM36TR1K Price                 | ICE40LM2K-CM36TR1K Pictures                          | ICE40LM2K-CM36TR1K Image                     |
| ICE40LM2K-CM36TR1K PDF Datasheet         | ICE40LM2K-CM36TR1K Download Datasheet                | ICE40LM2K-CM36TR1K Datasheet                 |
| ICE40LM2K-CM36TR1K Stock                 | Buy ICE40LM2K-CM36TR1K                               | Buy Lattice Semiconductor ICE40LM2K-CM36TR1K |
| Lattice Semiconductor ICE40LM2K-CM36TR1K | Lattice Semiconductor Supplier                       | Lattice Semiconductor Distributor            |
| Lattice Semiconductor ICE40LM2K-CM36TR1K | Lattice Semiconductor Corporation ICE40LM2K-CM36TR1K |                                              |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>ICE40LM2K-CM49TR1K<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 20603 pcs</div> <div>RFQ</div>  | <div></div> <div>ICE40LM2K-CM36<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 28 I/O 36UCBGA<br/>In stock: 20921 pcs</div> <div>RFQ</div>           |
| <div></div> <div>ICE40LM2K-SWG25TR50<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 22865 pcs</div> <div>RFQ</div> | <div></div> <div>ICE40LM1K-CM49<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA LP 3502LUTS 1.2V 49UCBGA<br/>In stock: 25408 pcs</div> <div>RFQ</div> |
| <div></div> <div>ICE40LM2K-CM49<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 19009 pcs</div> <div>RFQ</div>      | <div></div> <div>ICE40LM4K-CM36<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 28 I/O 36UCBGA<br/>In stock: 17754 pcs</div> <div>RFQ</div>           |
| <div></div> <div>ICE40LM1K-CM49TR1K<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 23666 pcs</div> <div>RFQ</div>  | <div></div> <div>ICE40LM2K-SWG25TR1K<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 23758 pcs</div> <div>RFQ</div>      |
| <div></div> <div>ICE40LM1K-SWG25TR1K<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 33722 pcs</div> <div>RFQ</div> | <div></div> <div>ICE40LM1K-SWG25TR<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 30221 pcs</div> <div>RFQ</div>        |
| <div></div> <div>ICE40LM2K-SWG25TR<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 26869 pcs</div> <div>RFQ</div>   | <div></div> <div>ICE40LM1K-SWG25TR50<br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 27297 pcs</div> <div>RFQ</div>      |