



Lattice Semiconductor



Image may be representation. See specifications for product details.

ICE40LM4K-SWG25TR1K

|                     |                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ICE40LM4K-SWG25TR1K                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                                                                                                                                                                                 |
| Product description | IC FPGA 18 I/O 25WLCSP <div><div>PDF</div>1.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>2.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>3.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>4.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>5.ICE40LM4K-SWG25TR1K.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                       |
| RoHs Status         | <div><div>✓</div>RoHS</div> Lead free / RoHS Compliant                                                                                                                                                                                                                                |
| Stock Condition     | 20568 pcs stock                                                                                                                                                                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

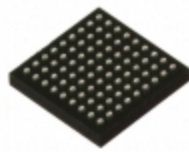
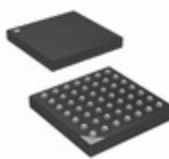
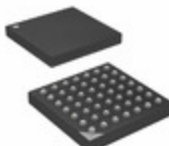
Specifications of ICE40LM4K-SWG25TR1K

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ICE40LM4K-SWG25TR1K                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC FPGA 18 I/O 25WLCSP                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 20568 pcs                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><div>PDF</div>1.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>2.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>3.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>4.ICE40LM4K-SWG25TR1K.pdf</div> <div><div>PDF</div>5.ICE40LM4K-SWG25TR1K.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                                                                |
| TOTAL RAM BITS                   | 81920                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 25-WLCSP (1.7x1.7)                                                                                                                                                                                                                                             |
| SERIES                           | LM                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 25-XFBGA, WLCSP                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                             |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 3520                                                                                                                                                                                                                                                           |
| NUMBER OF LABS/CLBS              | 440                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 18                                                                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                     |

Related Tags

|                                           |                                                       |                                               |
|-------------------------------------------|-------------------------------------------------------|-----------------------------------------------|
| Lattice Semiconductor ICE40LM4K-SWG25TR1K | ICE40LM4K-SWG25TR1K Distributor                       | ICE40LM4K-SWG25TR1K Supplier                  |
| ICE40LM4K-SWG25TR1K Price                 | ICE40LM4K-SWG25TR1K Pictures                          | ICE40LM4K-SWG25TR1K Image                     |
| ICE40LM4K-SWG25TR1K PDF Datasheet         | ICE40LM4K-SWG25TR1K Download Datasheet                | ICE40LM4K-SWG25TR1K Datasheet                 |
| ICE40LM4K-SWG25TR1K Stock                 | Buy ICE40LM4K-SWG25TR1K                               | Buy Lattice Semiconductor ICE40LM4K-SWG25TR1K |
| Lattice Semiconductor ICE40LM4K-SWG25TR1K | Lattice Semiconductor Supplier                        | Lattice Semiconductor Distributor             |
| Lattice Semiconductor ICE40LM4K-SWG25TR1K | Lattice Semiconductor Corporation ICE40LM4K-SWG25TR1K |                                               |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ICE40LP1K-CB81</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 62 I/O 81CSBGA<br/>In stock: 23213 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>ICE40LP1K-CB121</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 121CSBGA<br/>In stock: 17909 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>ICE40LM4K-SWG25TR50</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 22055 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ICE40LM4K-S-EVN</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: ICE40LM4K SENSOR EVALUATION KIT<br/>In stock: 458 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ICE40LM4K-CM36</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 28 I/O 36UCBGA<br/>In stock: 17754 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>ICE40LP1K-CB81TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 62 I/O 81CSBGA<br/>In stock: 28372 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ICE40LM4K-CM49</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 13833 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>ICE40LP1K-BLINK-EVN</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: BOARD EVAL ICEBLINK40-LP1K<br/>In stock: 2387 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ICE40LP1K-CM121</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 95 I/O 121UCBGA<br/>In stock: 20014 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ICE40LM4K-CM49TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 37 I/O 49UCBGA<br/>In stock: 15384 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ICE40LM4K-CM36TR1K</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 28 I/O 36UCBGA<br/>In stock: 19424 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ICE40LM4K-SWG25TR</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC FPGA 18 I/O 25WLCSP<br/>In stock: 22636 pcs<br/><div>RFQ</div></div>      |