



Part Number: ICE40LM1K-CM36TR1K

Manufacturer/Brand: Lattice Semiconductor

Product description: IC FPGA 28 I/O 36UCBGA

Datasheets: [1.ICE40LM1K-CM36TR1K.pdf](#)
[2.ICE40LM1K-CM36TR1K.pdf](#)
[3.ICE40LM1K-CM36TR1K.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

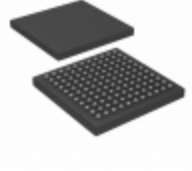
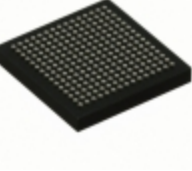
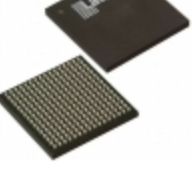
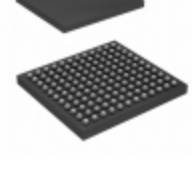
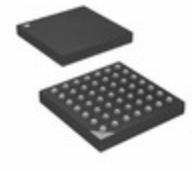
Specifications of ICE40LM1K-CM36TR1K

PART NUMBER	ICE40LM1K-CM36TR1K
MANUFACTURER	Lattice Semiconductor
DESCRIPTION	IC FPGA 28 I/O 36UCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ICE40LM1K-CM36TR1K.pdf 2.ICE40LM1K-CM36TR1K.pdf 3.ICE40LM1K-CM36TR1K.pdf
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
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
BASE PART NUMBER	ICE40LM1K

Related Tags

Lattice Semiconductor ICE40LM1K-CM36TR1K	ICE40LM1K-CM36TR1K Distributor	ICE40LM1K-CM36TR1K Supplier
ICE40LM1K-CM36TR1K Price	ICE40LM1K-CM36TR1K Pictures	ICE40LM1K-CM36TR1K Image
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Lattice Semiconductor ICE40LM1K-CM36TR1K	Lattice Semiconductor Supplier	Lattice Semiconductor Distributor
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Related Products

 ICE40LM2K-CM36 Manufacturers: Lattice Semiconductor Description: IC FPGA 28 I/O 36UCBGA In stock: 161 pcs RFQ	 ICE40LM1K-SWG25TR Manufacturers: Lattice Semiconductor Description: IC FPGA 18 I/O 25WLCSP In stock: Out stock RFQ
 ICE40HX8K-BG121TR Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 7680 LU In stock: Out stock RFQ	 ICE40HX8K-CM225 Manufacturers: Lattice Semiconductor Description: IC FPGA 178 I/O 225UCBGA In stock: 216 pcs RFQ
 ICE40LM1K-SWG25TR50 Manufacturers: Lattice Semiconductor Description: IC FPGA 18 I/O 25WLCSP In stock: 41 pcs RFQ	 ICE40HX8K-CT256 Manufacturers: Lattice Semiconductor Description: IC FPGA 206 I/O 256CABGA In stock: 559 pcs RFQ
 ICE40HX8K-CB132 Manufacturers: Lattice Semiconductor Description: IC FPGA 95 I/O 132CSBGA In stock: 249 pcs RFQ	 ICE40LM1K-CM49TR1K Manufacturers: Lattice Semiconductor Description: IC FPGA 37 I/O 49UCBGA In stock: Out stock RFQ
 ICE40HX8K-DRAGON-EVN Manufacturers: Lattice Semiconductor Description: BOARD EVAL FOR ICE40HX In stock: Out stock RFQ	 ICE40LM1K-SWG25TR1K Manufacturers: Lattice Semiconductor Description: IC FPGA 18 I/O 25WLCSP In stock: Out stock RFQ
 ICE40LM1K-CM49 Manufacturers: Lattice Semiconductor Description: IC FPGA LP 3502LUTS 1.2V 49UCBGA In stock: Out stock RFQ	 ICE40LM1K-CM36 Manufacturers: Lattice Semiconductor Description: IC FPGA 28 I/O 36UCBGA In stock: 485 pcs RFQ