



Lattice Semiconductor



Image may be representation. See specifications for product details.

ICE40HX1K-TQ144

Part Number:	ICE40HX1K-TQ144
Manufacturer/Brand:	Lattice Semiconductor
Product description	IC FPGA 96 I/O 144TQFP
	 1.ICE40HX1K-TQ144.pdf
	 2.ICE40HX1K-TQ144.pdf
	 3.ICE40HX1K-TQ144.pdf
	 4.ICE40HX1K-TQ144.pdf
	 5.ICE40HX1K-TQ144.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	17430 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

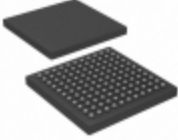
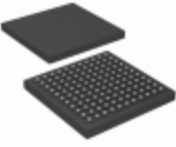
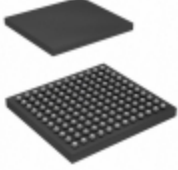
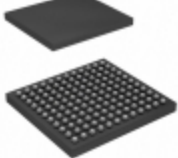
Specifications of ICE40HX1K-TQ144

PART NUMBER	ICE40HX1K-TQ144
MANUFACTURER	Lattice Semiconductor
DESCRIPTION	IC FPGA 96 I/O 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17430 pcs
DATA SHEET	 1.ICE40HX1K-TQ144.pdf  2.ICE40HX1K-TQ144.pdf  3.ICE40HX1K-TQ144.pdf  4.ICE40HX1K-TQ144.pdf  5.ICE40HX1K-TQ144.pdf
VOLTAGE - SUPPLY	1.14 V ~ 1.26 V
TOTAL RAM BITS	65536
SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
SERIES	HX
PACKAGE / CASE	144-LQFP
OTHER NAMES	220-1565 ICE40HX1KTQ144
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	1280
NUMBER OF LABS/CLBS	160
NUMBER OF I/O	96
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	ICE40

Related Tags

Lattice Semiconductor ICE40HX1K-TQ144	ICE40HX1K-TQ144 Distributor	ICE40HX1K-TQ144 Supplier
ICE40HX1K-TQ144 Price	ICE40HX1K-TQ144 Pictures	ICE40HX1K-TQ144 Image
ICE40HX1K-TQ144 PDF Datasheet	ICE40HX1K-TQ144 Download Datasheet	ICE40HX1K-TQ144 Datasheet
ICE40HX1K-TQ144 Stock	Buy ICE40HX1K-TQ144	Buy Lattice Semiconductor ICE40HX1K-TQ144
Lattice Semiconductor ICE40HX1K-TQ144	Lattice Semiconductor Supplier	Lattice Semiconductor Distributor
Lattice Semiconductor ICE40HX1K-TQ144	Lattice Semiconductor Corporation ICE40HX1K-TQ144	

Related Products

 ICE40HX4K-TQ144 Manufacturers: Lattice Semiconductor Description: IC FPGA 107 I/O 144TQFP In stock: 17330 pcs RFQ	 ICE40-DIO Manufacturers: Olimex Description: ICE40-DIO DIGITAL INPUT / OUTPUT In stock: 5327 pcs RFQ
 ICE40HX1K-EVB Manufacturers: Olimex Description: ICE40HX1K FPGA DEVELOPMENT BOARD In stock: 4060 pcs RFQ	 ICE40HX4K-BG121TR Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 3520 LU In stock: 15760 pcs RFQ
 ICE40HX4K-BG121 Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 3520 LU In stock: 13485 pcs RFQ	 ICE40HX1K-BLINK-EVN Manufacturers: Lattice Semiconductor Description: BOARD EVAL ICEBLINK40-HX1K In stock: 2400 pcs RFQ
 ICE40-IO Manufacturers: Olimex Description: EXTENSION MODULE FOR ICE40HX1K-E In stock: 8678 pcs RFQ	 ICE40HX1K-CB132 Manufacturers: Lattice Semiconductor Description: IC FPGA 95 I/O 132CSBGA In stock: 19310 pcs RFQ
 ICE40HX1K-STICK-EVN Manufacturers: Lattice Semiconductor Description: BOARD EVAL FPGA ICESTICK In stock: 3481 pcs RFQ	 ICE40HX640-VQ100 Manufacturers: Lattice Semiconductor Description: IC FPGA 67 I/O 100VQFP In stock: 3011 pcs RFQ
 ICE40HX1K-VQ100 Manufacturers: Lattice Semiconductor Description: IC FPGA 72 I/O 100VQFP In stock: 21348 pcs RFQ	 ICE40HX4K-CB132 Manufacturers: Lattice Semiconductor Description: IC FPGA 95 I/O 132CSBGA In stock: 15931 pcs RFQ