



Lattice Semiconductor



Image may be representation. See specifications for product details.

ICE40HX4K-TQ144

Part Number:	ICE40HX4K-TQ144
Manufacturer/Brand:	Lattice Semiconductor
Product description	IC FPGA 107 I/O 144TQFP
	 1.ICE40HX4K-TQ144.pdf
	 2.ICE40HX4K-TQ144.pdf
	 3.ICE40HX4K-TQ144.pdf
	 4.ICE40HX4K-TQ144.pdf
	 5.ICE40HX4K-TQ144.pdf
	 Lead free / RoHS Compliant
RoHs Status	17330 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

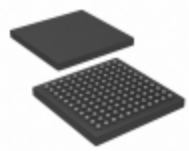
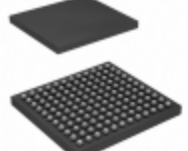
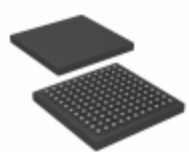
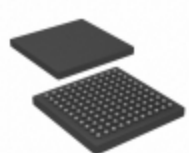
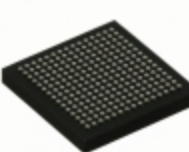
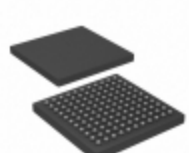
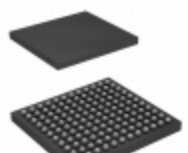
Specifications of ICE40HX4K-TQ144

PART NUMBER	ICE40HX4K-TQ144
MANUFACTURER	Lattice Semiconductor
DESCRIPTION	IC FPGA 107 I/O 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17330 pcs
DATA SHEET	 1.ICE40HX4K-TQ144.pdf  2.ICE40HX4K-TQ144.pdf  3.ICE40HX4K-TQ144.pdf  4.ICE40HX4K-TQ144.pdf  5.ICE40HX4K-TQ144.pdf
VOLTAGE - SUPPLY	1.14 V ~ 1.26 V
TOTAL RAM BITS	81920
SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
SERIES	HX
PACKAGE / CASE	144-LQFP
OTHER NAMES	220-1572 ICE40HX4KTQ144
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	3520
NUMBER OF LABS/CLBS	440
NUMBER OF I/O	107
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 ICE40HX4K-TQ144	ICE40HX4K-TQ144 Distributor	ICE40HX4K-TQ144 Supplier
ICE40HX4K-TQ144 Price	ICE40HX4K-TQ144 Pictures	ICE40HX4K-TQ144 Image
ICE40HX4K-TQ144 PDF Datasheet	ICE40HX4K-TQ144 Download Datasheet	ICE40HX4K-TQ144 Datasheet
ICE40HX4K-TQ144 Stock	Buy ICE40HX4K-TQ144	Buy Lattice Semiconductor ICE40HX4K-TQ144
Lattice Semiconductor ICE40HX4K-TQ144	Lattice Semiconductor Supplier	Lattice Semiconductor Distributor
Lattice Semiconductor ICE40HX4K-TQ144	Lattice Semiconductor Corporation ICE40HX4K-TQ144	

Related Products

 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
 ICE40HX8K-BG121TR Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 7680 LU In stock: 15312 pcs RFQ	 ICE40HX4K-CB132 Manufacturers: Lattice Semiconductor Description: IC FPGA 95 I/O 132CSBGA In stock: 15931 pcs RFQ
 ICE40HX4K-BG121TR Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 3520 LU In stock: 15312 pcs RFQ	 ICE40HX1K-STICK-EVN Manufacturers: Lattice Semiconductor Description: BOARD EVAL FPGA ICESTICK In stock: 3481 pcs RFQ
 ICE40HX8K-BG121 Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 7680 LU In stock: 9769 pcs RFQ	 ICE40HX8K-B-EVN Manufacturers: Lattice Semiconductor Description: ICE40-HX8K BREAKOUT BOARD In stock: 2213 pcs RFQ
 ICE40HX8K-CM225 Manufacturers: Lattice Semiconductor Description: IC FPGA 178 I/O 225UCBGA In stock: 10750 pcs RFQ	 ICE40HX1K-TQ144 Manufacturers: Lattice Semiconductor Description: IC FPGA 96 I/O 144TQFP In stock: 17430 pcs RFQ
 ICE40HX4K-BG121 Manufacturers: Lattice Semiconductor Description: ICE40HX ULTRA LOW-POWER, 3520 LU In stock: 13485 pcs RFQ	 ICE40HX8K-CB132 Manufacturers: Lattice Semiconductor Description: IC FPGA 95 I/O 132CSBGA In stock: 11503 pcs RFQ