

ICE40HX4K-TQ144



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See Product Specifications for product details.
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Part Number: ICE40HX4K-TQ144

Manufacturer: Lattice Semiconductor

Description: IC FPGA 107 I/O 144TQFP

Data sheet:  ICE40™ LP/HX Family Datasheet

 Product Selector Guide

 Package Diagrams

 ICE40 LP/HX/LM Family Handbook

 Leaded Pkg PCB Layout Guide

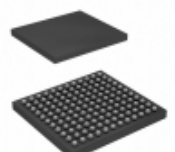
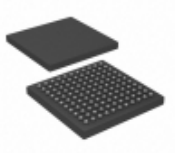
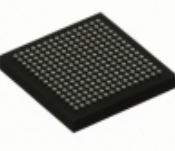
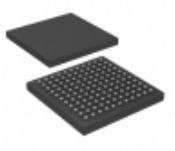
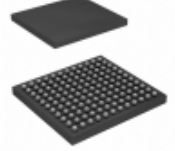
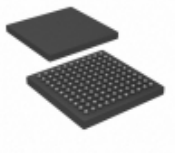
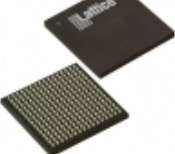
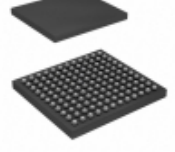
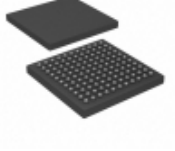
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
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	17406 pcs	Data sheet	ICE40™ LP/HX Family Datasheet Product Selector Guide Package Diagrams ICE40 LP/HX/LM Family Handbook Leaded Pkg PCB Layout Guide
Category	Integrated Circuits (ICs)	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)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	ICE40
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 17406 pieces of Lattice Semiconductor ICE40HX4K-TQ144 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: ICE40HX8K-CB132 Description: IC FPGA 95 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX1K-BLINK-EVN Description: BOARD EVAL ICEBLINK40-HX1K	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX1K-STICK-EVN Description: BOARD EVAL FPGA ICESTICK	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-B-EVN Description: ICE40-HX8K BREAKOUT BOARD	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-BG121TR Description: ICE40HX ULTRA LOW-POWER, 3520 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-CM225 Description: IC FPGA 178 I/O 225UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-BG121 Description: ICE40HX ULTRA LOW-POWER, 3520 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX1K-TQ144 Description: IC FPGA 96 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-CB132 Description: IC FPGA 95 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX640-VQ100 Description: IC FPGA 67 I/O 100VQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-BG121 Description: ICE40HX ULTRA LOW-POWER, 7680 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-CT256 Description: IC FPGA 206 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX1K-CB132 Description: IC FPGA 95 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX1K-VQ100 Description: IC FPGA 72 I/O 100VQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX1K-EVB Description: ICE40HX1K FPGA DEVELOPMENT BOARD	Manufacturers: Olimex	RFQ
	Part#: ICE40LM1K-CM36TR1K Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-BG121TR Description: ICE40HX ULTRA LOW-POWER, 7680 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-DRAGON-EVN Description: BOARD EVAL FOR ICE40HX	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40-IO Description: EXTENSION MODULE FOR ICE40HX1K-E	Manufacturers: Olimex	RFQ
	Part#: ICE40LM1K-CM36 Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ

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