ICE40HX4K-TQ144

LATTICE
SEMICONDUCTOR

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

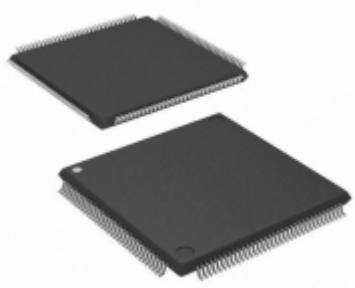|	
RoHs Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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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	20000 pcs
Product Photo	ICE40HX4K-TQ144-001.jpg , ICE40HX4K-TQ144-002.jpg
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)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	ICE40

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RFQ Email: info@Components-Store.com

RELATED PRODUCTS

Part#	Description	Manufacturers	In Stock	
ICE40HX8K-DRAGON-EVN	BOARD EVAL FOR ICE40HX	Lattice Semiconductor	5129	RFQ
ICE40HX1K-BLINK-EVN	BOARD EVAL ICEBLINK40-HX1K	Lattice Semiconductor	2413	RFQ
ICE40HX640-VQ100	IC FPGA 67 I/O 100VQFP	Lattice Semiconductor	5924	RFQ
ICE40HX4K-CB132	IC FPGA 95 I/O 132CSBGA	Lattice Semiconductor	17729	RFQ
ICE40HX8K-BG121TR	ICE40HX ULTRA LOW-POWER, 7680 LU	Lattice Semiconductor	13114	RFQ
ICE40HX1K-STICK-EVN	BOARD EVAL FPGA ICESTICK	Lattice Semiconductor	3639	RFQ
ICE40HX8K-CB132	IC FPGA 95 I/O 132CSBGA	Lattice Semiconductor	11993	RFQ
ICE40HX4K-BG121TR	ICE40HX ULTRA LOW-POWER, 3520 LU	Lattice Semiconductor	16064	RFQ
ICE40HX1K-EVB	ICE40HX1K FPGA DEVELOPMENT BOARD	Olimex	3598	RFQ
ICE40HX1K-TQ144	IC FPGA 96 I/O 144TQFP	Lattice Semiconductor	20934	RFQ
ICE40LM1K-CM36TR1K	IC FPGA 28 I/O 36UCBGA	Lattice Semiconductor	26371	RFQ
ICE40-IO	EXTENSION MODULE FOR ICE40HX1K-E	Olimex	6991	RFQ
ICE40LM1K-CM36	IC FPGA 28 I/O 36UCBGA	Lattice Semiconductor	24783	RFQ
ICE40HX8K-BG121	ICE40HX ULTRA LOW-POWER, 7680 LU	Lattice Semiconductor	14514	RFQ
ICE40HX8K-CT256	IC FPGA 206 I/O 256CABGA	Lattice Semiconductor	9706	RFQ
ICE40HX8K-CM225	IC FPGA 178 I/O 225UCBGA	Lattice Semiconductor	11126	RFQ
ICE40HX4K-BG121	ICE40HX ULTRA LOW-POWER, 3520 LU	Lattice Semiconductor	17757	RFQ
ICE40HX1K-CB132	IC FPGA 95 I/O 132CSBGA	Lattice Semiconductor	23788	RFQ
ICE40HX8K-B-EVN	ICE40-HX8K BREAKOUT BOARD	Lattice Semiconductor	1759	RFQ
ICE40HX1K-VQ100	IC FPGA 72 I/O 100VQFP	Lattice Semiconductor	25177	RFQ

Related keywords for **ICE40HX4K-TQ144**

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