

ICE40HX8K-CT256



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See Product Specifications for product details.
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Part Number: ICE40HX8K-CT256

Manufacturer: Lattice Semiconductor

Description: IC FPGA 206 I/O 256CABGA

Data sheet:  ICE40™ LP/HX Family Datasheet

 Product Selector Guide

 ICE40 LP/HX/LM Family Handbook

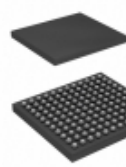
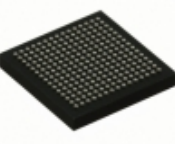
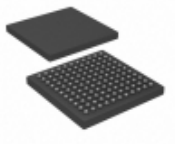
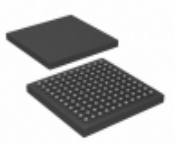
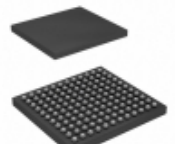
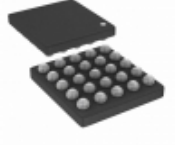
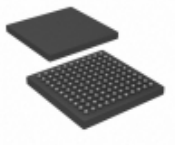
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	ICE40HX8K-CT256	Manufacturer	Lattice Semiconductor
Description	IC FPGA 206 I/O 256CABGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10084 pcs	Data sheet	ICE40™ LP/HX Family Datasheet Product Selector Guide ICE40 LP/HX/LM Family Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	131072	Supplier Device Package	256-CABGA (14x14)
Series	HX	Package / Case	256-LFBGA
Other Names	220-1575 ICE40HX8KCT256	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	7680	Number of LABs/CLBs	960
Number of I/O	206	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
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	Part#: ICE40HX4K-CB132 Description: IC FPGA 95 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ICE40LM1K-CM36 Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-CM225 Description: IC FPGA 178 I/O 225UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM2K-CM36 Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-DRAGON-EVN Description: BOARD EVAL FOR ICE40HX	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-BG121 Description: ICE40HX ULTRA LOW-POWER, 7680 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-BG121TR Description: ICE40HX ULTRA LOW-POWER, 3520 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-CB132 Description: IC FPGA 95 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ICE40LM1K-CM36TR1K Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM2K-CM36TR1K Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-SWG25TR Description: IC FPGA 18 I/O 25WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-CM49TR1K Description: IC FPGA 37 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-BG121TR Description: ICE40HX ULTRA LOW-POWER, 7680 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-TQ144 Description: IC FPGA 107 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-CM49 Description: IC FPGA LP 3502LUTS 1.2V 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ

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