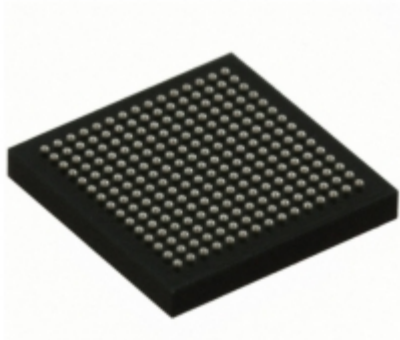


ICE40HX8K-CM225



Images are for reference only.
See Product Specifications for product details.
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Request For Quotation



Part Number: ICE40HX8K-CM225

Manufacturer: Lattice Semiconductor

Description: IC FPGA 178 I/O 225UCBGA

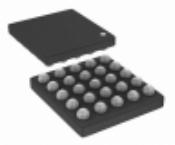
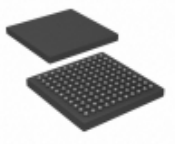
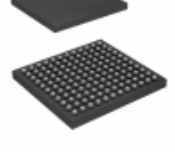
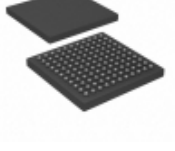
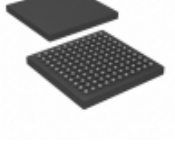
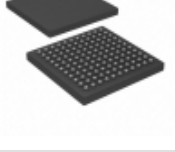
Data sheet:  ICE40™ LP/HX Family Datasheet
 Product Selector Guide
 ICE40 LP/HX/LM Family Handbook

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

PRODUCT PARAMETER			
Part Number	ICE40HX8K-CM225	Manufacturer	Lattice Semiconductor
Description	IC FPGA 178 I/O 225UCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13394 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	225-UCBGA (7x7)
Series	HX	Package / Case	225-VFBGA
Other Names	220-1576 ICE40HX8KCM225	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	7680	Number of LABs/CLBs	960
Number of I/O	178	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#: ICE40LM1K-SWG25TR50 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#: ICE40HX1K-VQ100 Description: IC FPGA 72 I/O 100VQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-CB132 Description: IC FPGA 95 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-CM36TR1K Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-BG121 Description: ICE40HX ULTRA LOW-POWER, 7680 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-CM49 Description: IC FPGA LP 3502LUTS 1.2V 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-BG121TR Description: ICE40HX ULTRA LOW-POWER, 3520 LU	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-CM36 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#: ICE40LM2K-CM36 Description: IC FPGA 28 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LM1K-SWG25TR1K Description: IC FPGA 18 I/O 25WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX4K-TQ144 Description: IC FPGA 107 I/O 144TQFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40HX8K-CT256 Description: IC FPGA 206 I/O 256CABGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ICE40HX8K-B-EVN Description: ICE40-HX8K BREAKOUT BOARD	Manufacturers: Lattice Semiconductor	RFQ
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