

ICE40LP640-CM49



Part Number: ICE40LP640-CM49

Manufacturer: Lattice Semiconductor

Description: IC FPGA 35 I/O 49UCBGA

Data sheet:  [Product Selector Guide](#)
 [ICE40 LP Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

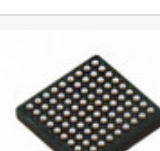
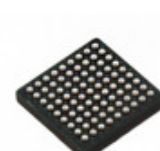
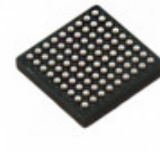
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Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ICE40LP640-CM49	Manufacturer	Lattice Semiconductor
Description	IC FPGA 35 I/O 49UCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5896 pcs	Data sheet	Product Selector Guide ICE40 LP Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	32768	Supplier Device Package	49-UCBGA (3x3)
Series	LP	Package / Case	49-VFBGA
Other Names	220-1557	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	640	Number of LABs/CLBs	80
Number of I/O	35	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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RELATED PRODUCTS			
	Part#: ICE40LP640-SWG16TR1K Description: IC FPGA 10 I/O 16WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-USBC-EVN Description: DEMO KIT FOR ICE40LP8K	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-CM121 Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-CM121TR1K Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM121 Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-SG32TR Description: IC FPGA 21 I/O 32QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM121TR Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-CM225 Description: IC FPGA 178 I/O 225UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-SWG16TR50 Description: IC FPGA 10 I/O 16WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM81 Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-CM121TR Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM81TR1K Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-CM81 Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-SG32TR1K Description: IC FPGA 21 I/O 32QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM81TR Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-CM36 Description: IC FPGA 25 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-CM81 Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-SWG16TR Description: IC FPGA 10 I/O 16WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM121TR1K Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM225 Description: IC FPGA 167 I/O 225UCBGA	Manufacturers: Lattice Semiconductor	RFQ

Related keywords for ICE40LP640-CM49			
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