

ICE40LP640-SWG16TR1K



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Part Number: ICE40LP640-SWG16TR1K

Manufacturer: Lattice Semiconductor

Description: IC FPGA 10 I/O 16WLCSP

Data sheet:

 ICE40™ LP/HX Family Datasheet

 Product Selector Guide

 Package Diagrams

 ICE40 LP/HX/LM Family Handbook

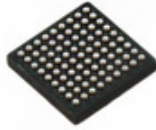
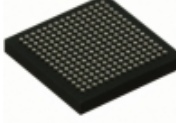
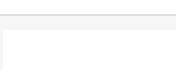
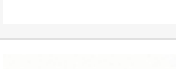
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	ICE40LP640-SWG16TR1K	Manufacturer	Lattice Semiconductor
Description	IC FPGA 10 I/O 16WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39234 pcs	Data sheet	iCE40™ LP/HX Family Datasheet Product Selector Guide Package Diagrams ICE40 LP/HX/LM Family Handbook
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	32768	Supplier Device Package	16-WLCSP (1.4x1.5)
Series	LP	Package / Case	16-XFBGA, WLCSP
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	640
Number of LABs/CLBs	80	Number of I/O	10
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
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	Part#: ICE40LP4K-CM225 Description: IC FPGA 167 I/O 225UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-CM81 Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ICE40LP640-SWG16TR50 Description: IC FPGA 10 I/O 16WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-CM36 Description: IC FPGA 26 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ICE40LP8K-CM81 Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40UL1K-CM36AI Description: IC FPGA 26 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP8K-USBC-EVN Description: DEMO KIT FOR ICE40LP8K	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM121TR1K Description: IC FPGA 93 I/O 121UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP640-CM49 Description: IC FPGA 35 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40UL1K-B-EVN Description: BREAKOUT BOARD IC FPGA ULTRA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM81TR1K Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP4K-CM81TR Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ

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