

ICE40LP1K-SWG16TR1K



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Part Number: ICE40LP1K-SWG16TR1K

Manufacturer: Lattice Semiconductor

Description: IC FPGA 10 I/O 16WLCSP

Data sheet:

PDF

ICE40™ LP/HX Family Datasheet

PDF

Product Selector Guide

PDF

Package Diagrams

PDF

ICE40 LP/HX/LM Family Handbook

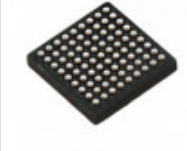
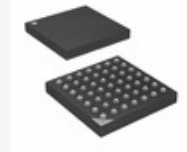
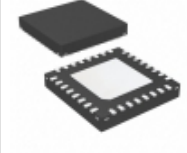
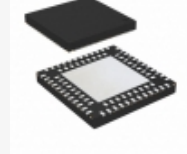
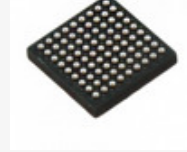
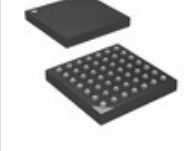
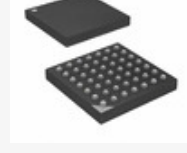
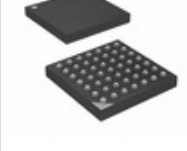
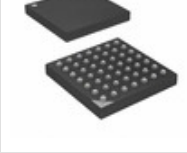
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	ICE40LP1K-SWG16TR1K	Manufacturer	Lattice Semiconductor
Description	IC FPGA 10 I/O 16WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37763 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	65536	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	1280
Number of LABs/CLBs	160	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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RELATED PRODUCTS			
	Part#: ICE40LP384-SG32TR Description: IC FPGA 21 I/O 32QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-SWG16TR50 Description: IC FPGA 10 I/O 16WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM36TR1K Description: IC FPGA 25 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-SWG16TR Description: IC FPGA 10 I/O 16WLCSP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM81 Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM49TR1K Description: IC FPGA 35 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-SG32 Description: IC FPGA 21 I/O 32QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-QN84 Description: IC FPGA 67 I/O 84QFN	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM36TR1K Description: IC FPGA 25 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM81TR1K Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-SWG16-EVN Description: ICE40 16-WLCSP EVALUATION KIT	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM36TR Description: IC FPGA 25 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM49 Description: IC FPGA 37 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM49TR1K Description: IC FPGA 37 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM49 Description: IC FPGA 35 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM36 Description: IC FPGA 25 I/O 36UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM49TR Description: IC FPGA 37 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM81TR Description: IC FPGA 63 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP1K-CM49TR Description: IC FPGA 35 I/O 49UCBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ICE40LP384-CM81TR Description: IC FPGA 55 I/O 81UCBGA	Manufacturers: Lattice Semiconductor	RFQ

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