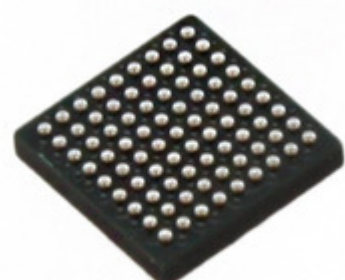


ICE40LP1K-CM81



Part Number: ICE40LP1K-CM81

Manufacturer: Lattice Semiconductor

Description: IC FPGA 63 I/O 81UCBGA

Data sheet: [PDF ICE40™ LP/HX Family Datasheet](#)

[PDF Product Selector Guide](#)

[PDF ICE40 LP/HX/LM Family Handbook](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	ICE40LP1K-CM81
Manufacturer	Lattice Semiconductor
Description	IC FPGA 63 I/O 81UCBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28545 pcs
Product Photo	ICE40LP1K-CM81.jpg
Category	Integrated Circuits (ICs)
Voltage - Supply	1.14 V ~ 1.26 V
Total RAM Bits	65536
Supplier Device Package	81-UCBGA (4x4)
Series	LP
Package / Case	81-VFBGA
Other Names	220-1562 ICE40LP1KCM81
Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	1280
Number of LABs/CLBs	160
Number of I/O	63
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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	Part#: ICE40LP1K-CB81TR1K Description: IC FPGA 62 I/O 81CSBGA	Manufacturers: Lattice Semiconductor In Stock: 29494	RFQ
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	Part#: ICE40LP1K-CM36TR Description: IC FPGA 25 I/O 36UCBGA	Manufacturers: Lattice Semiconductor In Stock: 33623	RFQ
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