

LFE5U-45F-6MG285I



Part Number: [LFE5U-45F-6MG285I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE

Data sheet:  [ECP5™, ECP5-5G™ Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

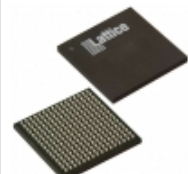
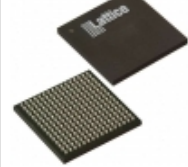
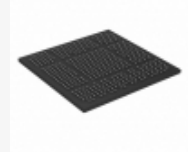
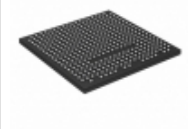
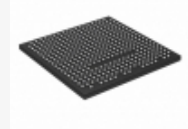
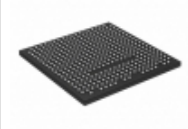
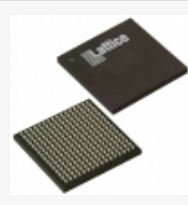
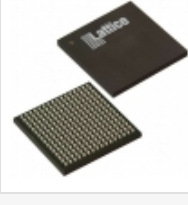
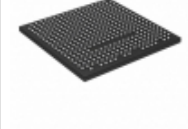
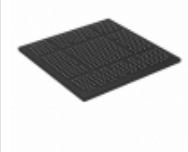
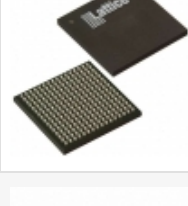
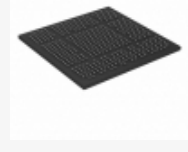
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	LFE5U-45F-6MG285I	Manufacturer	Lattice Semiconductor
Description	43.8K LUTS, 118 /O, 1.1V, -6 SPE	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4740 pcs	Data sheet	ECP5™, ECP5-5G™ Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.045 V ~ 1.155 V
Total RAM Bits	1990656	Supplier Device Package	285-CSFBGA (10x10)
Series	ECP5	Package / Case	285-TFBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of Logic Elements/Cells	44000
Number of LABs/CLBs	11000	Number of I/O	118
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#: LFE5U-45F-7BG256I Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE5U-45F-7BG256C Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-6BG554C Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-25F-8BG381I Description: IC FPGA 197 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7BG381C Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-6BG381I Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8BG256I Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-6BG256I Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7MG285I Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-25F-8MG285I Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7BG381I Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-6BG381C Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-25F-8MG285C Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7BG554I Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7BG554C Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-6BG256C Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-6BG554I Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8BG256C Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor	RFQ

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