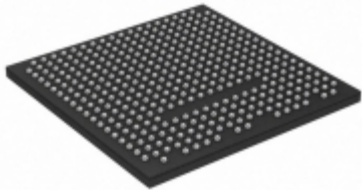


LFE5U-85F-6BG381C





Part Number: [LFE5U-85F-6BG381C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 205 I/O 381CABGA

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

RoHs Status: Lead free / RoHS Compliant

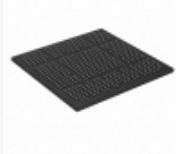
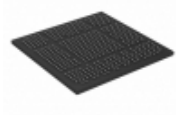
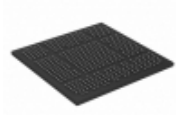
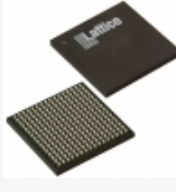
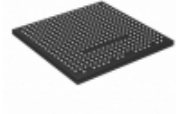
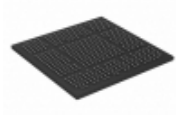
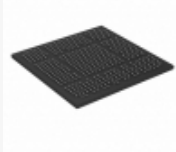
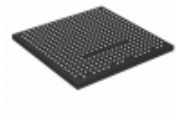
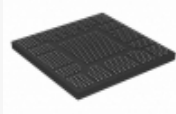
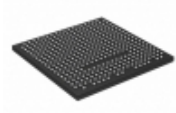
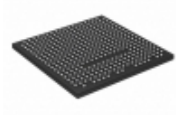
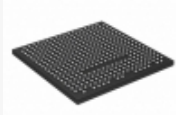
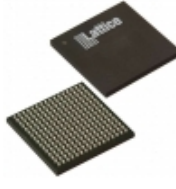
Ship From: Hong Kong

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	LFE5U-85F-6BG381C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 205 I/O 381CABGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3856 pcs	Data sheet	ECP5™, ECP5-5G™ Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.045 V ~ 1.155 V
Total RAM Bits	3833856	Supplier Device Package	381-CABGA (17x17)
Series	ECP5	Package / Case	381-FBGA
Other Names	220-2071	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	84000	Number of LABs/CLBs	21000
Number of I/O	205	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-8BG554C Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-6BG756C Description: IC FPGA 365 I/O 756CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-6BG554C Description: IC FPGA 259 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE5U-85F-6BG381I Description: IC FPGA 205 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7MG285I Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8BG554I Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-7MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-6BG554I Description: IC FPGA 259 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-7BG381I Description: IC FPGA 205 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-6BG756I Description: IC FPGA 365 I/O 756CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-7BG381C Description: IC FPGA 205 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-85F-6MG285I Description: 83.6K LUTS, 118 /O, 1.1V, -6 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8BG381C Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8BG381I Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8BG256C Description: IC FPGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5U-45F-8MG285I Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ

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