

LFE5U-85F-6BG756C



Part Number: [LFE5U-85F-6BG756C](#)

Manufacturer [Lattice Semiconductor](#)

Description IC FPGA 365 I/O 756CABGA

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

RoHs Status: Lead free / RoHS Compliant

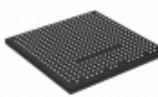
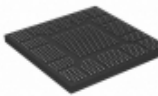

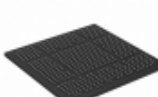

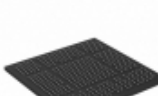




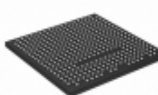
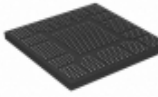
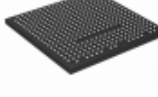

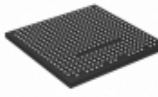
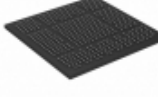

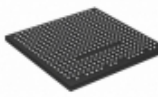
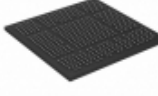
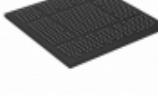
Ship From: Hong Kong

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

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PRODUCT PARAMETER	
Part Number	LFE5U-85F-6BG756C
Manufacturer	Lattice Semiconductor
Description	IC FPGA 365 I/O 756CABGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2948 pcs
Product Photo	LFE5U-85F-6BG756C.jpg
Category	Integrated Circuits (ICs)
Voltage - Supply	1.045 V ~ 1.155 V
Total RAM Bits	3833856
Supplier Device Package	756-CABGA (27x27)
Series	ECP5
Package / Case	756-FBGA
Other Names	220-2073
Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	84000
Number of LABs/CLBs	21000
Number of I/O	365
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
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RELATED PRODUCTS			
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	Part#: LFE5U-85F-7BG756C Description: IC FPGA 365 I/O 756CABGA	Manufacturers: Lattice Semiconductor In Stock: 2511	RFQ
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	Part#: LFE5U-85F-7BG554I Description: IC FPGA 259 I/O 554CABGA	Manufacturers: Lattice Semiconductor In Stock: 2147	RFQ
	Part#: LFE5U-85F-7MG285C Description: 83.6K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor In Stock: 3174	RFQ
	Part#: LFE5U-45F-8BG554C Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor In Stock: 3553	RFQ
	Part#: LFE5U-85F-6MG285I Description: 83.6K LUTS, 118 /O, 1.1V, -6 SPE	Manufacturers: Lattice Semiconductor In Stock: 3279	RFQ
	Part#: LFE5U-45F-8BG381C Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor In Stock: 5307	RFQ
	Part#: LFE5U-85F-6BG756I Description: IC FPGA 365 I/O 756CABGA	Manufacturers: Lattice Semiconductor In Stock: 2703	RFQ
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	Part#: LFE5U-85F-6BG381I Description: IC FPGA 205 I/O 381CABGA	Manufacturers: Lattice Semiconductor In Stock: 2971	RFQ
	Part#: LFE5U-85F-7BG756I Description: IC FPGA 365 I/O 756CABGA	Manufacturers: Lattice Semiconductor In Stock: 2576	RFQ
	Part#: LFE5U-45F-8BG381I Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor In Stock: 4506	RFQ
	Part#: LFE5U-85F-6MG285C Description: 83.6K LUTS, 118 /O, 1.1V, -6 SPE	Manufacturers: Lattice Semiconductor In Stock: 3549	RFQ
	Part#: LFE5U-85F-7BG381C Description: IC FPGA 205 I/O 381CABGA	Manufacturers: Lattice Semiconductor In Stock: 2905	RFQ
	Part#: LFE5U-85F-6BG554I Description: IC FPGA 259 I/O 554CABGA	Manufacturers: Lattice Semiconductor In Stock: 2862	RFQ
	Part#: LFE5U-45F-8MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor In Stock: 5098	RFQ
	Part#: LFE5U-85F-6BG381C Description: IC FPGA 205 I/O 381CABGA	Manufacturers: Lattice Semiconductor In Stock: 3531	RFQ
	Part#: LFE5U-85F-7BG554C Description: IC FPGA 259 I/O 554CABGA	Manufacturers: Lattice Semiconductor In Stock: 2833	RFQ
	Part#: LFE5U-45F-8BG554I Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor In Stock: 3186	RFQ

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