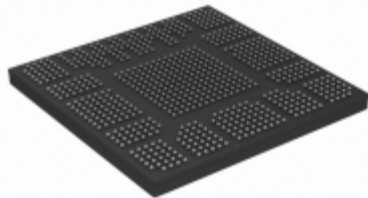


LFE5UM5G-85F-8BG756C





Part Number: [LFE5UM5G-85F-8BG756C](#)

Manufacturer: [Lattice Semiconductor](#)

Description: 83.6K LUTS, 365 /O, 1.1V, -8 SPE

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

RoHs Status: Lead free / RoHS Compliant

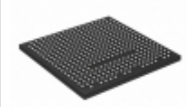
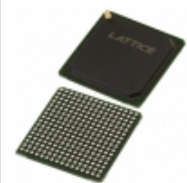
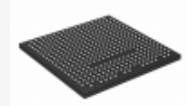
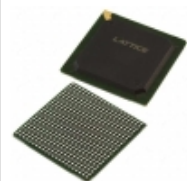
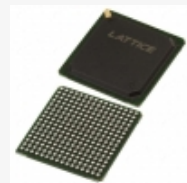
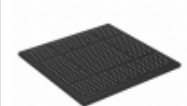
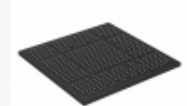
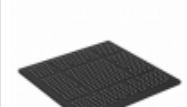
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LFE5UM5G-85F-8BG756C	Manufacturer	Lattice Semiconductor
Description	83.6K LUTS, 365 /O, 1.1V, -8 SPE	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1571 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	756-CABGA (27x27)
Series	ECP5-5G	Package / Case	756-FBGA
Other Names	220-2115	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)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		
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	Part#: LFE5UM5G-45F-8BG554I Description: 43.8K LUTS, 245 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor Corporation	RFQ
	Part#: LFE5UM5G-85F-8BG381C Description: 83.6K LUTS, 205 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor Corporation	RFQ
	Part#: LFE5UM5G-45F-VERSA-PROMO Description: ECP5-5G VERSA DEVELOPMENT KIT -	Manufacturers: Lattice Semiconductor Corporation	RFQ
	Part#: LFEC10E-3F256I Description: IC FPGA 195 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-45F-8MG285I Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-85F-8BG756I Description: 83.6K LUTS, 365 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-85F-8BG381I Description: 83.6K LUTS, 205 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFEC10E-3F484C Description: IC FPGA 288 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFEC10E-3F256C Description: IC FPGA 195 I/O 256FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFEBS12UB Description: KIT STUDENT LEARNING S12 DG128	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LFE5UM5G-85F-EVN Description: ECP5 EVALUATION BOARD	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-85F-8BG554I Description: 83.6K LUTS, 259 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-45F-8BG554C Description: 43.8K LUTS, 245 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-45F-8MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-45F-VERSA-EVN Description: ECP5-5G VERSA DEVELOPMENT KIT -	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-85F-8BG554C Description: 83.6K LUTS, 259 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFEBS12UBLAB Description: KIT EVAL UNIVERSITY S12 LAB I	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LFE5UM5G-85F-8MG285C Description: 83.6K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM5G-85F-8MG285I Description: 83.6K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ

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