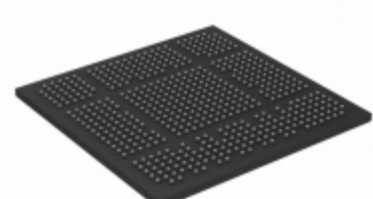


LFE5UM-45F-6BG554C



Part Number: [LFE5UM-45F-6BG554C](#)
Manufacturer: [Lattice Semiconductor](#)
Description: IC FPGA 245 I/O 554CABGA
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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[Request For Quotation](#)

PRODUCT PARAMETER

Part Number	LFE5UM-45F-6BG554C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 245 I/O 554CABGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3848 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	554-CABGA (23x23)
Series	ECP5	Package / Case	554-FBGA
Other Names	220-1974	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	44000	Number of LABs/CLBs	11000
Number of I/O	245	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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 RFQ Email: info@Components-World.com

RELATED PRODUCTS

	Part#: LFE5UM-25F-7BG381I Description: IC FPGA 197 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-45F-6BG554I Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-25F-7BG381C Description: IC FPGA 197 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-45F-6MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -6 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-45F-8BG381C Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-45F-7MG285I Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-25F-8MG285I Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-45F-7BG554C Description: IC FPGA 245 I/O 554CABGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-25F-8MG285C Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LFE5UM-45F-7MG285C Description: 43.8K LUTS, 118 /O, 1.1V, -7 SPE	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: LFE5UM-45F-6BG381I Description: IC FPGA 203 I/O 381CABGA	Manufacturers: Lattice Semiconductor	RFQ
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