

LAE5U-12F-6BG381E



Part Number: LAE5U-12F-6BG381E

Manufacturer: Lattice Semiconductor

Description: ECP5 12K LUTS 1.1V AUTOMOTIVE

Data sheet:  [ECP5™ Automotive Preliminary Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

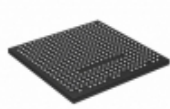
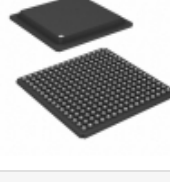
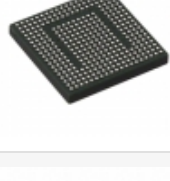
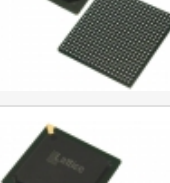
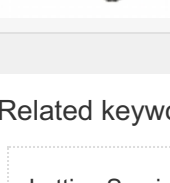
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	LAE5U-12F-6BG381E	Manufacturer	Lattice Semiconductor
Description	ECP5 12K LUTS 1.1V AUTOMOTIVE	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13482 pcs	Data sheet	ECP5™ Automotive Preliminary Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.04 V ~ 1.155 V
Total RAM Bits	589824	Supplier Device Package	381-CABGA (17x17)
Series	LA-ECP5	Package / Case	381-FBGA
Other Names	220-2131	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Logic Elements/Cells	12000	Number of LABs/CLBs	1500
Number of I/O	197	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		
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RELATED PRODUCTS			
	Part#: LAE5UM-25F-6BG381E Description: ECP5 24.3K LUTS 1.1V SERDES AUTO	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE1CCHIP0805KFE96 Description: RESISTOR KIT 0-1M 1/8W 6100PCS	Manufacturers: Dale / Vishay	RFQ
	Part#: LAE3-35EA-6FN484E Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE1BCHIP0603KFE96 Description: RESISTOR KIT 0-1M 1/10W 6100PCS	Manufacturers: Dale / Vishay	RFQ
	Part#: LAE3-35EA-6LFTN256E Description: IC FPGA 133 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE1DCHIP1206KFE96 Description: RESISTOR KIT 0-1M 1/4W 6100PCS	Manufacturers: Dale / Vishay	RFQ
	Part#: LAE3-17EA-6LMG328E Description: IC FPGA 116 I/O 328CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-17EA-6FTN256E Description: IC FPGA 133 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE5U-12F-7BG381E Description: ECP5, 12K LUTS, 1.1V, AUTOMOTIVE	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE5UM-45F-6BG381E Description: ECP5 43.8K LUTS 1.1V SERDES AUTO	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE5UM-25F-7BG381E Description: ECP5, 24.3K LUTS, 1.1V, SERDES,	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-17EA-6FN484E Description: IC FPGA 222 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-17EA-6LFN484E Description: IC FPGA 222 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-17EA-6LFTN256E Description: IC FPGA 133 I/O 256FTBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE5UM-45F-7BG381E Description: ECP5, 43.8K LUTS, 1.1V, SERDES,	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-35EA-6LFN672E Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-17EA-6MG328E Description: IC FPGA 116 I/O 328CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-35EA-6FN672E Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE3-35EA-6LFN484E Description: IC FPGA 295 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LAE66A3CB Description: HEATSINK PWR .75"H BLACK TO-220	Manufacturers: CTS Electronic Components	RFQ

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Lattice Semiconductor LAE5U-12F-6BG381E	LAE5U-12F-6BG381E distributor	LAE5U-12F-6BG381E supplier	LAE5U-12F-6BG381E price
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