

OR3T306BA256I-DB



Part Number: [OR3T306BA256I-DB](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA 221 I/O 256BGA

Data sheet:  [ORCA™ Series 3C,3T Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

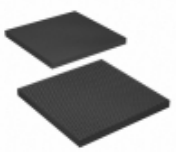
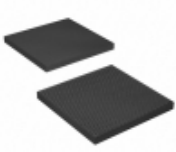
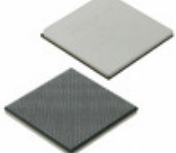
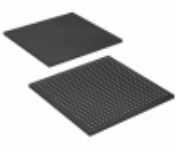
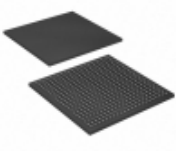
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PRODUCT PARAMETER			
Part Number	OR3T306BA256I-DB	Manufacturer	Lattice Semiconductor
Description	IC FPGA 221 I/O 256BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	6011 pcs	Data sheet	ORCA™ Series 3C,3T Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	3 V ~ 3.6 V
Total RAM Bits	25600	Supplier Device Package	256-BGA (17x17)
Series	ORCA® 3	Package / Case	256-BGA
Operating Temperature	-40°C ~ 85°C (TA)	Number of Logic Elements/Cells	1568
Number of I/O	221	Number of Gates	48000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Base Part Number	OR3T30
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RELATED PRODUCTS			
	Part#: OR3T557S208-DB Description: IC FPGA 171 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: OR3T307S208-DB Description: IC FPGA 171 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: OR3T307BA256-DB Description: IC FPGA 221 I/O 256BGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: 10AX027E2F27E2LG Description: 672-PIN FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 5SGXEA5N2F45I3LN Description: IC FPGA 840 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: XC4020XL-09HT144C Description: IC FPGA 113 I/O 144HQFP	Manufacturers: Xilinx	RFQ
	Part#: OR3T556BA256I-DB Description: IC FPGA 223 I/O 256BGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: OR3T306BA256-DB Description: IC FPGA 221 I/O 256BGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: LCMXO1200E-5MN132C Description: IC FPGA 101 I/O 132CSBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: M7A3P1000-2PQ208 Description: IC FPGA 154 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: OR3T556S208-DB Description: IC FPGA 171 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: OR3T556BA256-DB Description: IC FPGA 223 I/O 256BGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: OR3T556S208I-DB Description: IC FPGA 171 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: 5SGSMD8K3F40I3LN Description: IC FPGA 696 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: OR3T557BA256-DB Description: IC FPGA 223 I/O 256BGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: OR3T306S208I-DB Description: IC FPGA 171 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ
	Part#: XC7VX415T-L2FF1158E Description: IC FPGA 350 I/O 1158FCBGA	Manufacturers: Xilinx Inc.	RFQ
	Part#: A3PE3000-2FGG484 Description: IC FPGA 341 I/O 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: EP4CE15F23I8LN Description: IC FPGA 343 I/O 484FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: OR3T306S208-DB Description: IC FPGA 171 I/O 208QFP	Manufacturers: Lattice Semiconductor	RFQ

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