

ORT82G5-2FN680I



Part Number: [ORT82G5-2FN680I](#)

Manufacturer [Lattice Semiconductor](#)

Description [IC FPGA 372 I/O 680FBGA](#)

Data sheet:  [Package Diagrams](#)
 [ORT\(42,82\)G5 ORCA Family](#)

RoHS Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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PRODUCT PARAMETER			
Part Number	ORT82G5-2FN680I	Manufacturer	Lattice Semiconductor
Description	IC FPGA 372 I/O 680FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5284 pcs	Data sheet	Package Diagrams ORT(42,82)G5 ORCA Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 3.6 V
Total RAM Bits	113664	Supplier Device Package	680-FPBGA (35x35)
Series	ORCA® 4	Package / Case	680-BBGA
Operating Temperature	-40°C ~ 85°C (TA)	Number of Logic Elements/Cells	10368
Number of I/O	372	Number of Gates	643000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	ORT82G5
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	Part#: ORT8850H-1BMN680C Description: IC FPGA 297 I/O 680FBGA	Manufacturers: Lattice Semiconductor	RFQ
	Part#: ORT8850H-2BM680C Description: IC FPGA 297 I/O 680FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ORT82G5-2FN680C Description: IC FPGA 372 I/O 680FBGA	Manufacturers: Lattice Semiconductor	RFQ
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