

ORSO82G5-1FN680C



Part Number: [ORSO82G5-1FN680C](#)

Manufacturer [Lattice Semiconductor](#)

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

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

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

Ship From: [Hong Kong](#)

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PRODUCT PARAMETER			
Part Number	ORSO82G5-1FN680C	Manufacturer	Lattice Semiconductor
Description	IC FPGA 372 I/O 680FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5954 pcs	Data sheet	Package Diagrams ORSO(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	0°C ~ 70°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	ORSO82G5
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	Part#: ORSO82G5-3FN680C Description: IC FPGA 372 I/O 680FBGA	Manufacturers: Lattice Semiconductor	RFQ
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	Part#: ORSO42G5-3BMN484C Description: IC FPGA 204 I/O 484FBGA	Manufacturers: Lattice Semiconductor	RFQ
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