

M2GL005S-1TQG144



Part Number: [M2GL005S-1TQG144](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 84 I/O 144TQFP

Data sheet:  [IGL002 FPGAs Product Brief](#)
 [IGL002 FPGA,SmartFusion2 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

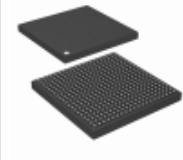
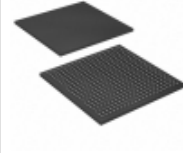
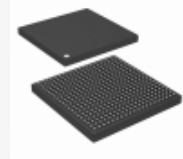
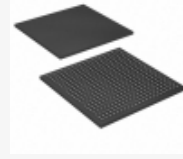
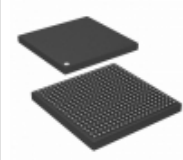
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Request For Quotation

PRODUCT PARAMETER			
Part Number	M2GL005S-1TQG144	Manufacturer	Microsemi
Description	IC FPGA 84 I/O 144TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4607 pcs	Data sheet	IGL002 FPGAs Product Brief IGL002 FPGA,SmartFusion2 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 2.625 V
Total RAM Bits	719872	Supplier Device Package	144-TQFP (20x20)
Series	IGLOO2	Package / Case	144-LQFP
Operating Temperature	0°C ~ 85°C (TJ)	Number of Logic Elements/Cells	6060
Number of I/O	84	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
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	Part#: M2GL005S-1VFG400I Description: IC FPGA 171 I/O 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2GL005S-1VF400 Description: IC FPGA 169 I/O 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2GL005S-1FGG484I Description: IC FPGA 209 I/O 484FBGA	Manufacturers: Microsemi	RFQ
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