

M1AGL1000V5-FGG256I



Part Number: [M1AGL1000V5-FGG256I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 177 I/O 256FBGA

Data sheet:  [IGLOO Low Power Flash FPGAs](#)

RoHs Status: Lead free / RoHS Compliant

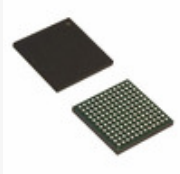
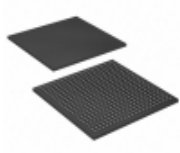
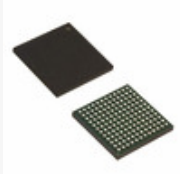
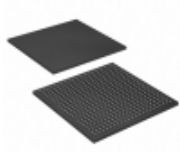
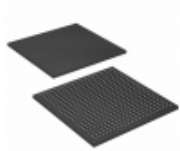
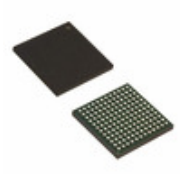
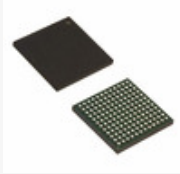
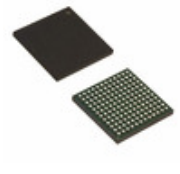
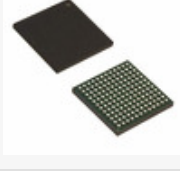
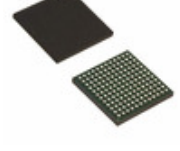
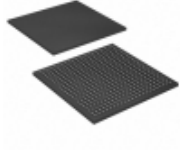
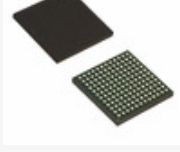
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PRODUCT PARAMETER			
Part Number	M1AGL1000V5-FGG256I	Manufacturer	Microsemi
Description	IC FPGA 177 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	831 pcs	Data sheet	IGLOO Low Power Flash FPGAs
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	147456	Supplier Device Package	256-FPBGA (17x17)
Series	IGLOO	Package / Case	256-LBGA
Operating Temperature	-40°C ~ 85°C (TA)	Number of Logic Elements/Cells	24576
Number of I/O	177	Number of Gates	1000000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	M1AGL1000
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	Part#: M1AGL1000V5-FG484 Description: IC FPGA 300 I/O 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL250V2-FG144I Description: IC FPGA 97 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V5-FG484I Description: IC FPGA 300 I/O 484FBGA	Manufacturers: Microsemi	RFQ
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	Part#: M1AGL250V2-FG144 Description: IC FPGA 97 I/O 144FBGA	Manufacturers: Microsemi	RFQ
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	Part#: M1AGL250V2-FGG144 Description: IC FPGA 97 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V5-FG144 Description: IC FPGA 97 I/O 144FBGA	Manufacturers: Microsemi	RFQ
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	Part#: M1AGL250V2-VQG100 Description: IC FPGA 68 I/O 100VQFP	Manufacturers: Microsemi	RFQ
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