

M1AGL1000V2-FG144I



Part Number: [M1AGL1000V2-FG144I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 97 I/O 144FBGA

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

RoHs Status: Contains lead / RoHS non-compliant

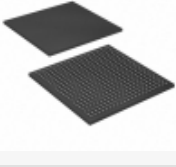
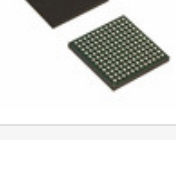
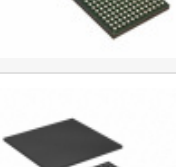
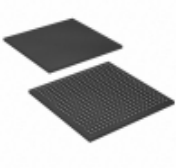
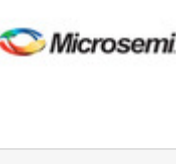
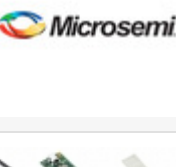
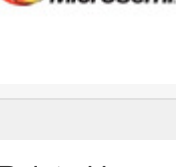
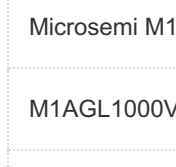
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PRODUCT PARAMETER			
Part Number	M1AGL1000V2-FG144I	Manufacturer	Microsemi
Description	IC FPGA 97 I/O 144FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4490 pcs	Data sheet	IGLOO Low Power Flash FPGAs
Category	Integrated Circuits (ICs)	Voltage - Supply	1.14 V ~ 1.575 V
Total RAM Bits	147456	Supplier Device Package	144-FPBGA (13x13)
Series	IGLOO	Package / Case	144-LBGA
Operating Temperature	-40°C ~ 85°C (TA)	Number of Logic Elements/Cells	24576
Number of I/O	97	Number of Gates	1000000
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Base Part Number	M1AGL1000
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	Part#: M1AGL1000V2-CSG281I Description: IC FPGA 215 I/O 281CSP	Manufacturers: Microsemi	RFQ
	Part#: M1AFS600-PQG208 Description: IC FPGA 95 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FG144 Description: IC FPGA 97 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FGG256 Description: IC FPGA 177 I/O 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-CS281 Description: IC FPGA 215 I/O 281CSP	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FGG144I Description: IC FPGA 97 I/O 144FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FGG484 Description: IC FPGA 300 I/O 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AFS600-PQG208I Description: IC FPGA 95 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FG256I Description: IC FPGA 177 I/O 256FBGA	Manufacturers: Microsemi	RFQ
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	Part#: M1AGL1000V2-FGG484I Description: IC FPGA 300 I/O 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AFS600-PQ208 Description: IC FPGA 95 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FG484 Description: IC FPGA 300 I/O 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-CS281I Description: IC FPGA 215 I/O 281CSP	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FG256 Description: IC FPGA 177 I/O 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: M1AFS600-PQ208I Description: IC FPGA 95 I/O 208QFP	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000-DEV-KIT Description: KIT DEV IGLOO M1AGL	Manufacturers: Microsemi	RFQ
	Part#: M1AGL1000V2-FGG256I Description: IC FPGA 177 I/O 256FBGA	Manufacturers: Microsemi	RFQ

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