

M1AGL250V2-VQ100



**Part Number:** [M1AGL250V2-VQ100](#)

**Manufacturer:** [Microsemi](#)

**Description:** IC FPGA 68 I/O 100VQFP

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

**RoHs Status:** Contains lead / RoHS non-compliant

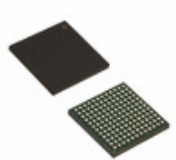
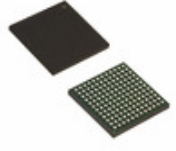
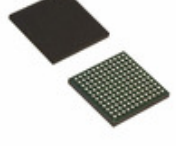
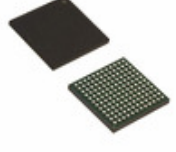
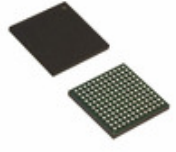
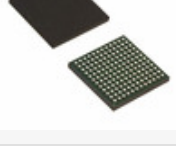
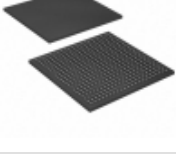
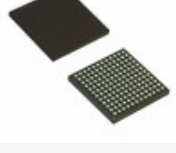
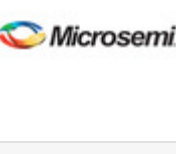
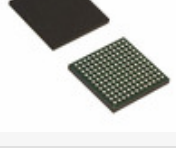
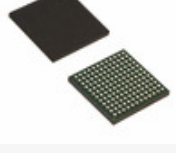
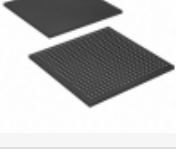
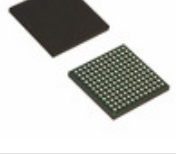
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                  |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | M1AGL250V2-VQ100                          | Manufacturer                     | <a href="#">Microsemi</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC FPGA 68 I/O 100VQFP                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 4207 pcs                                  | Data sheet                       | <a href="#">IGLOO Low Power Flash FPGAs</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.14 V ~ 1.575 V                            |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                  | 36864                                     | Supplier Device Package          | 100-VQFP (14x14)                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                          | IGLOO                                     | Package / Case                   | 100-TQFP                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                           | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells   | 6144                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                   | 68                                        | Number of Gates                  | 250000                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                  | Contains lead / RoHS non-compliant        | Base Part Number                 | M1AGL250                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4207 pieces of Microsemi M1AGL250V2-VQ100 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                             |

| RELATED PRODUCTS                                                                   |                                                                                    |                                          |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------|---------------------|
|  | Part#: <a href="#">M1AGL250V2-FG144</a><br>Description: IC FPGA 97 I/O 144FBGA     | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-VQ100I</a><br>Description: IC FPGA 68 I/O 100VQFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-FG144</a><br>Description: IC FPGA 97 I/O 144FBGA     | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL1000V5-FGG256</a><br>Description: IC FPGA 177 I/O 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-FG144I</a><br>Description: IC FPGA 97 I/O 144FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL1000V5-FGG144I</a><br>Description: IC FPGA 97 I/O 144FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-FGG144I</a><br>Description: IC FPGA 97 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL1000V5-FGG256I</a><br>Description: IC FPGA 177 I/O 256FBGA | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-VQ100</a><br>Description: IC FPGA 68 I/O 100VQFP     | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-FGG144</a><br>Description: IC FPGA 97 I/O 144FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL1000V5-FGG484</a><br>Description: IC FPGA 300 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V2-FGG144</a><br>Description: IC FPGA 97 I/O 144FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V2-VQ100I</a><br>Description: IC FPGA 68 I/O 100VQFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V2-FG144I</a><br>Description: IC FPGA 97 I/O 144FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V5-VQG100</a><br>Description: IC FPGA 68 I/O 100VQFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V2-FGG144I</a><br>Description: IC FPGA 97 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V2-VQG100I</a><br>Description: IC FPGA 68 I/O 100VQFP   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL1000V5-FGG484I</a><br>Description: IC FPGA 300 I/O 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL1000V5-FGG144</a><br>Description: IC FPGA 97 I/O 144FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M1AGL250V2-VQG100</a><br>Description: IC FPGA 68 I/O 100VQFP    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |

|                                              |                                               |                                                 |                                          |
|----------------------------------------------|-----------------------------------------------|-------------------------------------------------|------------------------------------------|
| Related keywords for <b>M1AGL250V2-VQ100</b> |                                               |                                                 |                                          |
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| Microsemi M1AGL250V2-VQ100                   | Microsemi Analog Mixed Signal Group           | Microsemi Analog Mixed Signal Group [MIL]       | Microsemi Consumer Medical Product Group |
| Microsemi HI-REL [MIL] M1AGL250V2-VQ100      | M1AGL250V2-VQ100                              | M1AGL250V2-VQ100                                | M1AGL250V2-VQ100                         |
|                                              | Microsemi Power Management Group              | Microsemi Power Products Group M1AGL250V2-VQ100 | Microsemi SoC M1AGL250V2-VQ100           |
|                                              | M1AGL250V2-VQ100                              |                                                 | Microsemi Commercial Components Group    |
| Microsemi Corporation M1AGL250V2-VQ100       | Microsemi Solutions Sdn Bhd. M1AGL250V2-VQ100 |                                                 | M1AGL250V2-VQ100                         |