

M2GL060TS-1FG676



Part Number: [M2GL060TS-1FG676](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 387 I/O 676FBGA

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

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | M2GL060TS-1FG676                          | Manufacturer                   | <a href="#">Microsemi</a>                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA 387 I/O 676FBGA                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 759 pcs                                   | Data sheet                     | <a href="#">IGL002 FPGAs Product Brief</a><br><a href="#">IGL002 FPGA,SmartFusion2 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.14 V ~ 2.625 V                                                                                 |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1869824                                   | Supplier Device Package        | 676-FBGA (27x27)                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                         | IGLOO2                                    | Package / Case                 | 676-BGA                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                          | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells | 56520                                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                  | 387                                       | Mounting Type                  | Surface Mount                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 759 pieces of Microsemi M2GL060TS-1FG676 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> |                                           |                                |                                                                                                  |

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|  | Part#: <a href="#">M2GL060TS-1FGG484I</a><br>Description: IC FPGA 267 I/O 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2GL060T-VF400I</a><br>Description: IC FPGA 207 I/O 400VFBGA     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2GL060TS-1FGG484</a><br>Description: IC FPGA 267 I/O 484FBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M2GL060TS-1FG484M</a><br>Description: IC FPGA 267 I/O 484FBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2GL060TS-1FCS325</a><br>Description: IC FPGA 200 I/O 325FCBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2GL060TS-1FG484</a><br>Description: IC FPGA 267 I/O 484FBGA     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2GL060TS-1FCS325I</a><br>Description: IC FPGA 200 I/O 325FCBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M2GL060TS-1FGG484T2</a><br>Description: IC FPGA 267 I/O 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2GL060TS-1FGG676I</a><br>Description: IC FPGA 387 I/O 676FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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