



Microsemi



M2GL005S-TQG144I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2GL005S-TQG144I                                                                                             |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA 84 I/O 144TQFP                                                                                       |
|                     |  1.M2GL005S-TQG144I.pdf     |
|                     |  2.M2GL005S-TQG144I.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5834 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

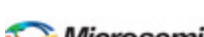
Specifications of M2GL005S-TQG144I

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2GL005S-TQG144I                                                                                                                                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                |
| DESCRIPTION                      | IC FPGA 84 I/O 144TQFP                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 5834 pcs                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.M2GL005S-TQG144I.pdf<br> 2.M2GL005S-TQG144I.pdf |
| 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            | -40°C ~ 100°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                                                                                                                                                                                               |

Related Tags

|                                                           |                                                      |                                                            |
|-----------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| Microsemi M2GL005S-TQG144I                                | M2GL005S-TQG144I Distributor                         | M2GL005S-TQG144I Supplier                                  |
| M2GL005S-TQG144I Price                                    | M2GL005S-TQG144I Pictures                            | M2GL005S-TQG144I Image                                     |
| M2GL005S-TQG144I PDF Datasheet                            | M2GL005S-TQG144I Download Datasheet                  | M2GL005S-TQG144I Datasheet                                 |
| M2GL005S-TQG144I Stock                                    | Buy M2GL005S-TQG144I                                 | Buy Microsemi M2GL005S-TQG144I                             |
| Microsemi M2GL005S-TQG144I                                | Microsemi Supplier                                   | Microsemi Distributor                                      |
| Microsemi M2GL005S-TQG144I                                | Microsemi Analog Mixed Signal Group M2GL005S-TQG144I | Microsemi Analog Mixed Signal Group [MIL] M2GL005S-TQG144I |
| Microsemi Consumer Medical Product Group M2GL005S-TQG144I | Microsemi HI-REL [MIL] M2GL005S-TQG144I              | Microsemi Power Management Group M2GL005S-TQG144I          |
| Microsemi Power Products Group M2GL005S-TQG144I           | Microsemi SoC M2GL005S-TQG144I                       | Microsemi Commercial Components Group M2GL005S-TQG144I     |
| Microsemi Corporation M2GL005S-TQG144I                    | Microsemi Solutions Sdn Bhd. M2GL005S-TQG144I        |                                                            |

Related Products

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M2GL005S-TQG144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 84 I/O 144TQFP<br/>In stock: 6853 pcs</div> <div>RFQ</div>   |  <div><b>M2GL005S-TQ144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 84 I/O 144TQFP<br/>In stock: 5154 pcs</div> <div>RFQ</div>    |
|  <div><b>M2GL005S-VFG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 161 I/O 256VFBGA<br/>In stock: 5543 pcs</div> <div>RFQ</div> |  <div><b>M2GL005S-VFG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 161 I/O 256VFBGA<br/>In stock: 5803 pcs</div> <div>RFQ</div> |
|  <div><b>M2GL005S-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 209 I/O 484FBGA<br/>In stock: 3939 pcs</div> <div>RFQ</div> |  <div><b>M2GL005S-VF256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 161 I/O 256VFBGA<br/>In stock: 5678 pcs</div> <div>RFQ</div>  |
|  <div><b>M2GL005S-VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 169 I/O 400VFBGA<br/>In stock: 5535 pcs</div> <div>RFQ</div>  |  <div><b>M2GL005S-VF256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 161 I/O 256VFBGA<br/>In stock: 5858 pcs</div> <div>RFQ</div>   |
|  <div><b>M2GL005S-TQ144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 84 I/O 144TQFP<br/>In stock: 6761 pcs</div> <div>RFQ</div>    |  <div><b>M2GL005S-VF400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 169 I/O 400VFBGA<br/>In stock: 5104 pcs</div> <div>RFQ</div>  |
|  <div><b>M2GL005S-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 209 I/O 484FBGA<br/>In stock: 4389 pcs</div> <div>RFQ</div>  |  <div><b>M2GL005S-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 209 I/O 484FBGA<br/>In stock: 4701 pcs</div> <div>RFQ</div>   |