



Microsemi



Image may be representation. See specifications for product details.

M2S005-FGG484I

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S005-FGG484I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Microsemi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product description | IC FPGA SOC 5K LUTS 484FBGA <div> 1.M2S005-FGG484I.pdf</div> <div> 2.M2S005-FGG484I.pdf</div> <div> 3.M2S005-FGG484I.pdf</div> <div> 4.M2S005-FGG484I.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                        |
| Stock Condition     | 4474 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

Specifications of M2S005-FGG484I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| PART NUMBER                      | M2S005-FGG484I                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA SOC 5K LUTS 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 4474 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div> 1.M2S005-FGG484I.pdf</div> <div> 2.M2S005-FGG484I.pdf</div> <div> 3.M2S005-FGG484I.pdf</div> <div> 4.M2S005-FGG484I.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 484-FPBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 166MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | SmartFusion®2                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PRIMARY ATTRIBUTES               | FPGA - 5K Logic Modules                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | DDR                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 209                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| FLASH SIZE                       | 128KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 484-FPBGA (23x23)                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                         |                                                    |                                                          |
|---------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------|
| Microsemi M2S005-FGG484I                                | M2S005-FGG484I Distributor                         | M2S005-FGG484I Supplier                                  |
| M2S005-FGG484I Price                                    | M2S005-FGG484I Pictures                            | M2S005-FGG484I Image                                     |
| M2S005-FGG484I PDF Datasheet                            | M2S005-FGG484I Download Datasheet                  | M2S005-FGG484I Datasheet                                 |
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| Microsemi M2S005-FGG484I                                | Microsemi Supplier                                 | Microsemi Distributor                                    |
| Microsemi M2S005-FGG484I                                | Microsemi Analog Mixed Signal Group M2S005-FGG484I | Microsemi Analog Mixed Signal Group [MIL] M2S005-FGG484I |
| Microsemi Consumer Medical Product Group M2S005-FGG484I | Microsemi HI-REL [MIL] M2S005-FGG484I              | Microsemi Power Management Group M2S005-FGG484I          |
| Microsemi Power Products Group M2S005-FGG484I           | Microsemi SoC M2S005-FGG484I                       | Microsemi Commercial Components Group M2S005-FGG484I     |
| Microsemi Corporation M2S005-FGG484I                    | Microsemi Solutions Sdn Bhd. M2S005-FGG484I        |                                                          |

Related Products

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| <div></div> <div>M2S005-1VFG256I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 5340 pcs</div> <div>RFQ</div>         | <div></div> <div>M2S005-VF256I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 5981 pcs</div> <div>RFQ</div>            |
| <div></div> <div>M2S005-FGG484</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS 484FBGA</div> <div>In stock: 5218 pcs</div> <div>RFQ</div>   | <div></div> <div>M2S005-FG484I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS 484FBGA</div> <div>In stock: 4482 pcs</div> <div>RFQ</div>    |
| <div></div> <div>M2S005-TQ144I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 2903 pcs</div> <div>RFQ</div>           | <div></div> <div>M2S005-FG484</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS 484FBGA</div> <div>In stock: 4707 pcs</div> <div>RFQ</div>     |
| <div></div> <div>M2S005-1VFG400</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS 400VFBGA</div> <div>In stock: 4210 pcs</div> <div>RFQ</div> | <div></div> <div>M2S005-TQG144I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 5237 pcs</div> <div>RFQ</div>           |
| <div></div> <div>M2S005-TQ144</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 2709 pcs</div> <div>RFQ</div>            | <div></div> <div>M2S005-1VFG400I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS 400VFBGA</div> <div>In stock: 4447 pcs</div> <div>RFQ</div> |
| <div></div> <div>M2S005-TQG144</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 5094 pcs</div> <div>RFQ</div>           | <div></div> <div>M2S005-VF256</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 5K LUTS</div> <div>In stock: 6887 pcs</div> <div>RFQ</div>             |