



Microsemi



M2S005S-FGG484I

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Part Number:        | M2S005S-FGG484I                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Microsemi                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product description | IC FPGA SOC 5K LUTS<br> 1.M2S005S-FGG484I.pdf<br> 2.M2S005S-FGG484I.pdf<br> 3.M2S005S-FGG484I.pdf<br> 4.M2S005S-FGG484I.pdf |
| Datasheets:         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                    |
| RoHs Status         | 3555 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Stock Condition     | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

Specifications of M2S005S-FGG484I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| PART NUMBER                      | M2S005S-FGG484I                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA SOC 5K LUTS                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 3555 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.M2S005S-FGG484I.pdf<br> 2.M2S005S-FGG484I.pdf<br> 3.M2S005S-FGG484I.pdf<br> 4.M2S005S-FGG484I.pdf |
| 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 M2S005S-FGG484I                                | M2S005S-FGG484I Distributor                         | M2S005S-FGG484I Supplier                                  |
| M2S005S-FGG484I Price                                    | M2S005S-FGG484I Pictures                            | M2S005S-FGG484I Image                                     |
| M2S005S-FGG484I PDF Datasheet                            | M2S005S-FGG484I Download Datasheet                  | M2S005S-FGG484I Datasheet                                 |
| M2S005S-FGG484I Stock                                    | Buy M2S005S-FGG484I                                 | Buy Microsemi M2S005S-FGG484I                             |
| Microsemi M2S005S-FGG484I                                | Microsemi Supplier                                  | Microsemi Distributor                                     |
| Microsemi M2S005S-FGG484I                                | Microsemi Analog Mixed Signal Group M2S005S-FGG484I | Microsemi Analog Mixed Signal Group [MIL] M2S005S-FGG484I |
| Microsemi Consumer Medical Product Group M2S005S-FGG484I | Microsemi HI-REL [MIL] M2S005S-FGG484I              | Microsemi Power Management Group M2S005S-FGG484I          |
| Microsemi Power Products Group M2S005S-FGG484I           | Microsemi SoC M2S005S-FGG484I                       | Microsemi Commercial Components Group M2S005S-FGG484I     |
| Microsemi Corporation M2S005S-FGG484I                    | Microsemi Solutions Sdn Bhd. M2S005S-FGG484I        |                                                           |

Related Products

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|  <div><b>M2S005S-TQG144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 4395 pcs<br/><div>RFQ</div></div>           |  <div><b>M2S005S-1VFG400T2</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: 3110 pcs<br/><div>RFQ</div></div>      |
|  <div><b>M2S005S-1VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: 3633 pcs<br/><div>RFQ</div></div> |  <div><b>M2S005S-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 3961 pcs<br/><div>RFQ</div></div> |
|  <div><b>M2S005S-TQ144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 4102 pcs<br/><div>RFQ</div></div>             |  <div><b>M2S005S-TQG144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 5885 pcs<br/><div>RFQ</div></div> |
|  <div><b>M2S005S-1VFG400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 4363 pcs<br/><div>RFQ</div></div>           |  <div><b>M2S005S-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 4147 pcs<br/><div>RFQ</div></div> |
|  <div><b>M2S005S-TQ144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 6461 pcs<br/><div>RFQ</div></div>            |  <div><b>M2S005S-FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 3812 pcs<br/><div>RFQ</div></div>  |
|  <div><b>M2S005S-VF256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 3968 pcs<br/><div>RFQ</div></div>            |  <div><b>M2S005S-VF256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: 5347 pcs<br/><div>RFQ</div></div>  |