



M2S005-FG484

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| Part Number:        | M2S005-FG484                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Microsemi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product description | IC FPGA SOC 5K LUTS 484FBGA <div> 1.M2S005-FG484.pdf<div> 2.M2S005-FG484.pdf<div> 3.M2S005-FG484.pdf<div> 4.M2S005-FG484.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

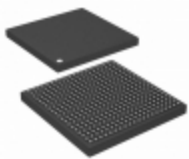
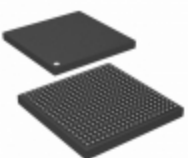
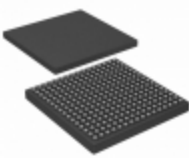
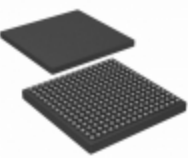
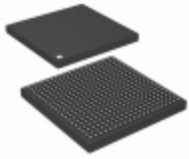
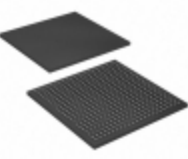
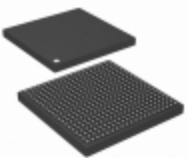
Specifications of M2S005-FG484

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S005-FG484                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA SOC 5K LUTS 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.M2S005-FG484.pdf<div> 2.M2S005-FG484.pdf<div> 3.M2S005-FG484.pdf<div> 4.M2S005-FG484.pdf</div></div></div></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            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 209                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-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                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | M2S005                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                       |                                                  |                                                        |
|-------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------|
| Microsemi M2S005-FG484                                | M2S005-FG484 Distributor                         | M2S005-FG484 Supplier                                  |
| M2S005-FG484 Price                                    | M2S005-FG484 Pictures                            | M2S005-FG484 Image                                     |
| M2S005-FG484 PDF Datasheet                            | M2S005-FG484 Download Datasheet                  | M2S005-FG484 Datasheet                                 |
| M2S005-FG484 Stock                                    | Buy M2S005-FG484                                 | Buy Microsemi M2S005-FG484                             |
| Microsemi M2S005-FG484                                | Microsemi Supplier                               | Microsemi Distributor                                  |
| Microsemi M2S005-FG484                                | Microsemi Analog Mixed Signal Group M2S005-FG484 | Microsemi Analog Mixed Signal Group [MIL] M2S005-FG484 |
| Microsemi Consumer Medical Product Group M2S005-FG484 | Microsemi HI-REL [MIL] M2S005-FG484              | Microsemi Power Management Group M2S005-FG484          |
| Microsemi Power Products Group M2S005-FG484           | Microsemi SoC M2S005-FG484                       | Microsemi Commercial Components Group M2S005-FG484     |
| Microsemi Corporation M2S005-FG484                    | Microsemi Solutions Sdn Bhd. M2S005-FG484        |                                                        |

Related Products

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| <div></div> <div><b>M2S005-1VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>M2S005-TQ144I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>           |
| <div></div> <div><b>M2S005-TQG144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>            | <div></div> <div><b>M2S005-1VF400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>M2S005-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>M2S005-TQ144</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>M2S005-1VFG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>M2S005-1VFG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>M2S005-1VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>M2S005-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>M2S005-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>M2S005-1VFG400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |