



Microsemi



## M2S010TS-1FGG484

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S010TS-1FGG484                                                                                             |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA SOC 10K LUTS 484FBGA                                                                                 |
| Datasheets:         | <a href="#">1.M2S010TS-1FGG484.pdf</a><br><a href="#">2.M2S010TS-1FGG484.pdf</a>                             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1719 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 M2S010TS-1FGG484

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S010TS-1FGG484                                                                                                   |
| MANUFACTURER                     | Microsemi                                                                                                          |
| DESCRIPTION                      | IC FPGA SOC 10K LUTS 484FBGA                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 1719 pcs                                                                                                           |
| DATA SHEET                       | <a href="#">1.M2S010TS-1FGG484.pdf</a><br><a href="#">2.M2S010TS-1FGG484.pdf</a>                                   |
| SUPPLIER DEVICE PACKAGE          | 484-FPBGA (23x23)                                                                                                  |
| SPEED                            | 166MHz                                                                                                             |
| SERIES                           | SmartFusion®2                                                                                                      |
| RAM SIZE                         | 64KB                                                                                                               |
| PRIMARY ATTRIBUTES               | FPGA - 10K Logic Modules                                                                                           |
| PERIPHERALS                      | DDR, PCIe, SERDES                                                                                                  |
| PACKAGING                        | Tray                                                                                                               |
| PACKAGE / CASE                   | 484-BGA                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                    |
| NUMBER OF I/O                    | 233                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| FLASH SIZE                       | 256KB                                                                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 10K Logic Modules 256KB 64KB 166MHz 484-FPBGA (23x23) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                    |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                        |
| ARCHITECTURE                     | MCU, FPGA                                                                                                          |

### Related Tags

|                                                           |                                                      |                                                            |
|-----------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| Microsemi M2S010TS-1FGG484                                | M2S010TS-1FGG484 Distributor                         | M2S010TS-1FGG484 Supplier                                  |
| M2S010TS-1FGG484 Price                                    | M2S010TS-1FGG484 Pictures                            | M2S010TS-1FGG484 Image                                     |
| M2S010TS-1FGG484 PDF Datasheet                            | M2S010TS-1FGG484 Download Datasheet                  | M2S010TS-1FGG484 Datasheet                                 |
| M2S010TS-1FGG484 Stock                                    | Buy M2S010TS-1FGG484                                 | Buy Microsemi M2S010TS-1FGG484                             |
| Microsemi M2S010TS-1FGG484                                | Microsemi Supplier                                   | Microsemi Distributor                                      |
| Microsemi M2S010TS-1FGG484                                | Microsemi Analog Mixed Signal Group M2S010TS-1FGG484 | Microsemi Analog Mixed Signal Group [MIL] M2S010TS-1FGG484 |
| Microsemi Consumer Medical Product Group M2S010TS-1FGG484 | Microsemi HI-REL [MIL] M2S010TS-1FGG484              | Microsemi Power Management Group M2S010TS-1FGG484          |
| Microsemi Power Products Group M2S010TS-1FGG484           | Microsemi SoC M2S010TS-1FGG484                       | Microsemi Commercial Components Group M2S010TS-1FGG484     |
| Microsemi Corporation M2S010TS-1FGG484                    | Microsemi Solutions Sdn Bhd. M2S010TS-1FGG484        |                                                            |

### Related Products

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|  <div><b>M2S010TS-1VF256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2477 pcs</div> <div>RFQ</div>          |  <div><b>M2S010TS-1FGG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS 484FBGA<br/>In stock: 777 pcs</div> <div>RFQ</div> |
|  <div><b>M2S010TS-1FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS 484FBGA<br/>In stock: 1803 pcs</div> <div>RFQ</div>  |  <div><b>M2S010TS-1FGG484T2</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: 1307 pcs</div> <div>RFQ</div>                |
|  <div><b>M2S010TS-1VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS 400VFBGA<br/>In stock: 1932 pcs</div> <div>RFQ</div>  |  <div><b>M2S010TS-1FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 1755 pcs</div> <div>RFQ</div>          |
|  <div><b>M2S010TS-1FG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS 484FBGA<br/>In stock: 812 pcs</div> <div>RFQ</div>   |  <div><b>M2S010T-VFG400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS 400VFBGA<br/>In stock: 2688 pcs</div> <div>RFQ</div>  |
|  <div><b>M2S010TS-1FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS 484FBGA<br/>In stock: 1632 pcs</div> <div>RFQ</div> |  <div><b>M2S010T-VFG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2300 pcs</div> <div>RFQ</div>          |
|  <div><b>M2S010TS-1VF256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2346 pcs</div> <div>RFQ</div>           |  <div><b>M2S010T-VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUT 400VFBGA<br/>In stock: 2209 pcs</div> <div>RFQ</div>  |