



Microsemi



Image may be representation. See specifications for product details.

M2S010TS-VF400I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S010TS-VF400I                                                                                                      |
| Manufacturer/Brand: | Microsemi                                                                                                            |
| Product description | IC FPGA SOC 10K LUTS                                                                                                 |
|                     |  1.M2S010TS-VF400I.pdf              |
|                     |  2.M2S010TS-VF400I.pdf              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 2116 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of M2S010TS-VF400I

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S010TS-VF400I                                                                                                                                                                                                        |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA SOC 10K LUTS                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 2116 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.M2S010TS-VF400I.pdf<br> 2.M2S010TS-VF400I.pdf |
| SUPPLIER DEVICE PACKAGE          | 400-VFBGA (17x17)                                                                                                                                                                                                      |
| SPEED                            | 166MHz                                                                                                                                                                                                                 |
| SERIES                           | SmartFusion®2                                                                                                                                                                                                          |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                   |
| PRIMARY ATTRIBUTES               | FPGA - 10K Logic Modules                                                                                                                                                                                               |
| PERIPHERALS                      | DDR, PCIe, SERDES                                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 400-LFBGA                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 195                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| FLASH SIZE                       | 256KB                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 10K Logic Modules 256KB 64KB 166MHz 400-VFBGA (17x17)                                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                        |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                                                                                                                            |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                              |

Related Tags

|                                                          |                                                     |                                                           |
|----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|
| Microsemi M2S010TS-VF400I                                | M2S010TS-VF400I Distributor                         | M2S010TS-VF400I Supplier                                  |
| M2S010TS-VF400I Price                                    | M2S010TS-VF400I Pictures                            | M2S010TS-VF400I Image                                     |
| M2S010TS-VF400I PDF Datasheet                            | M2S010TS-VF400I Download Datasheet                  | M2S010TS-VF400I Datasheet                                 |
| M2S010TS-VF400I Stock                                    | Buy M2S010TS-VF400I                                 | Buy Microsemi M2S010TS-VF400I                             |
| Microsemi M2S010TS-VF400I                                | Microsemi Supplier                                  | Microsemi Distributor                                     |
| Microsemi M2S010TS-VF400I                                | Microsemi Analog Mixed Signal Group M2S010TS-VF400I | Microsemi Analog Mixed Signal Group [MIL] M2S010TS-VF400I |
| Microsemi Consumer Medical Product Group M2S010TS-VF400I | Microsemi HI-REL [MIL] M2S010TS-VF400I              | Microsemi Power Management Group M2S010TS-VF400I          |
| Microsemi Power Products Group M2S010TS-VF400I           | Microsemi SoC M2S010TS-VF400I                       | Microsemi Commercial Components Group M2S010TS-VF400I     |
| Microsemi Corporation M2S010TS-VF400I                    | Microsemi Solutions Sdn Bhd. M2S010TS-VF400I        |                                                           |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M2S010TS-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 1529 pcs</div> <div>RFQ</div> |  <div><b>M2S010TS-VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2296 pcs</div> <div>RFQ</div>   |
|  <div><b>M2S010TS-VFG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2124 pcs</div> <div>RFQ</div> |  <div><b>M2S010TS-VF256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2653 pcs</div> <div>RFQ</div>   |
|  <div><b>M2S010TS-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 1912 pcs</div> <div>RFQ</div>  |  <div><b>M2S010TS-VFG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2494 pcs</div> <div>RFQ</div>  |
|  <div><b>M2S010TS-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 1675 pcs</div> <div>RFQ</div>  |  <div><b>M2S010TS-VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2042 pcs</div> <div>RFQ</div> |
|  <div><b>M2S010TS-VF256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2077 pcs</div> <div>RFQ</div>  |  <div><b>M2S025-1FCS325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 25K LUTS<br/>In stock: 1594 pcs</div> <div>RFQ</div>  |
|  <div><b>M2S025-1FCS325</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 25K LUTS<br/>In stock: 1538 pcs</div> <div>RFQ</div>   |  <div><b>M2S010TS-VFG400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 10K LUTS<br/>In stock: 2288 pcs</div> <div>RFQ</div>  |