



Microsemi



M2S150T-1FCVG484I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S150T-1FCVG484I                                                                                            |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA SOC 150K LUTS                                                                                        |
|                     |  1.M2S150T-1FCVG484I.pdf    |
|                     |  2.M2S150T-1FCVG484I.pdf    |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| 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 M2S150T-1FCVG484I

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S150T-1FCVG484I                                                                                                                                                                                                          |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA SOC 150K LUTS                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| DATA SHEET                       |  1.M2S150T-1FCVG484I.pdf<br> 2.M2S150T-1FCVG484I.pdf |
| SUPPLIER DEVICE PACKAGE          | 484-BGA                                                                                                                                                                                                                    |
| SPEED                            | 166MHz                                                                                                                                                                                                                     |
| SERIES                           | SmartFusion®2                                                                                                                                                                                                              |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                       |
| PRIMARY ATTRIBUTES               | FPGA - 150K Logic Modules                                                                                                                                                                                                  |
| PERIPHERALS                      | DDR, PCIe, SERDES                                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 484-BFBGA                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 273                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| FLASH SIZE                       | 512KB                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 150K Logic Modules 512KB 64KB 166MHz 484-BGA                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                            |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                                                                                                                                |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                  |

Related Tags

|                                                            |                                                       |                                                             |
|------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|
| Microsemi M2S150T-1FCVG484I                                | M2S150T-1FCVG484I Distributor                         | M2S150T-1FCVG484I Supplier                                  |
| M2S150T-1FCVG484I Price                                    | M2S150T-1FCVG484I Pictures                            | M2S150T-1FCVG484I Image                                     |
| M2S150T-1FCVG484I PDF Datasheet                            | M2S150T-1FCVG484I Download Datasheet                  | M2S150T-1FCVG484I Datasheet                                 |
| M2S150T-1FCVG484I Stock                                    | Buy M2S150T-1FCVG484I                                 | Buy Microsemi M2S150T-1FCVG484I                             |
| Microsemi M2S150T-1FCVG484I                                | Microsemi Supplier                                    | Microsemi Distributor                                       |
| Microsemi M2S150T-1FCVG484I                                | Microsemi Analog Mixed Signal Group M2S150T-1FCVG484I | Microsemi Analog Mixed Signal Group [MIL] M2S150T-1FCVG484I |
| Microsemi Consumer Medical Product Group M2S150T-1FCVG484I | Microsemi HI-REL [MIL] M2S150T-1FCVG484I              | Microsemi Power Management Group M2S150T-1FCVG484I          |
| Microsemi Power Products Group M2S150T-1FCVG484I           | Microsemi SoC M2S150T-1FCVG484I                       | Microsemi Commercial Components Group M2S150T-1FCVG484I     |
| Microsemi Corporation M2S150T-1FCVG484I                    | Microsemi Solutions Sdn Bhd. M2S150T-1FCVG484I        |                                                             |

Related Products

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|  <div>M2S150T-FC1152I<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS 1152FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div>M2S150T-1FCSG536I<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>          |
|  <div>M2S150T-1FCV484<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>           |  <div>M2S150T-1FCV484I<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>           |
|  <div>M2S150T-FCG1152<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS 1152FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div>M2S150T-FCG1152I<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS 1152FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div>M2S150T-FCS536<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>            |  <div>M2S150T-FCS536I<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>            |
|  <div>M2S150T-1FCS536I<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>          |  <div>M2S150T-1FCVG484<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>           |
|  <div>M2S150T-1FCSG536<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS<br/>In stock: Out stock</div> <div>RFQ</div>          |  <div>M2S150T-FC1152<br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 150K LUTS 1152FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>   |