

M2S150TS-1FCV484I



**Part Number:** [M2S150TS-1FCV484I](#)

**Manufacturer:** [Microsemi](#)

**Description:** IC FPGA SOC 150K LUTS

**Data sheet:**  [SmartFusion2 Product Brief](#)  
 [IGL002 FPGA,SmartFusion2 Datasheet](#)

**RoHs Status:** Contains lead / RoHS non-compliant

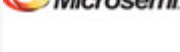
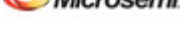
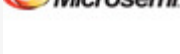
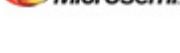
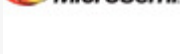
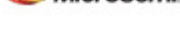
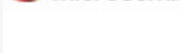
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                           |                                  |                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2S150TS-1FCV484I                                                                                         | Manufacturer                     | <a href="#">Microsemi</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC FPGA SOC 150K LUTS                                                                                     | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 279 pcs                                                                                                   | Data sheet                       | <a href="#">SmartFusion2 Product Brief</a><br><a href="#">IGL002 FPGA,SmartFusion2</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                                 | Supplier Device Package          | <a href="#">Datasheet</a><br>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                                                                                                                                                                                                                                                                                                                                                                                                                  | Contains lead / RoHS non-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                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                          |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------|---------------------|
|  | Part#: <a href="#">M2S150TS-FC1152</a><br>Description: IC FPGA SOC 150K LUTS              | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FC1152M</a><br>Description: IC FPGA SOC 150K LUTS 1152FCBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCV484</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCG1152</a><br>Description: IC FPGA SOC 150K LUTS 1152FCBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCG1152M</a><br>Description: IC FPGA SOC 150K LUTS           | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCVG484I</a><br>Description: IC FPGA SOC 150K LUTS           | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-FCS536I</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCVG484</a><br>Description: IC FPGA SOC 150K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-FC1152I</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-FCSG536</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">M2S150TS-FCS536</a><br>Description: IC FPGA SOC 150K LUTS              | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">M2S150TS-1FCS536</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCSG536</a><br>Description: IC FPGA SOC 150K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-1FCS536I</a><br>Description: IC FPGA SOC 150K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S150TS-FCG1152I</a><br>Description: IC FPGA SOC 150K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
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Related keywords for **M2S150TS-1FCV484I**

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| Microsemi M2S150TS-1FCV484I              | M2S150TS-1FCV484I distributor                         | M2S150TS-1FCV484I supplier                                  | M2S150TS-1FCV484I price                                    |
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