

M2S150-1FCVG484



Part Number: [M2S150-1FCVG484](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 150K LUTS

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

RoHs Status: Lead free / RoHS Compliant

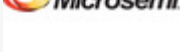
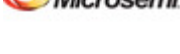
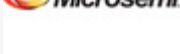
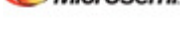
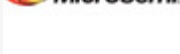
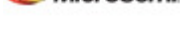
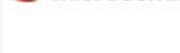
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                           |                                  |                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | M2S150-1FCVG484                                                                                           | Manufacturer                     | <a href="#">Microsemi</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA SOC 150K LUTS                                                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 369 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            | 0°C ~ 85°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                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 369 pieces of Microsemi M2S150-1FCVG484 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                           |                                  |                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                         |                                          |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------|----------------|
|  | Part#: <a href="#">M2S150-1FCG1152</a><br>Description: IC FPGA SOC 150K LUTS 1152FCBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S150-1FCS536</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S150-1FCV484I</a><br>Description: IC FPGA SOC 150K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S150-FC1152I</a><br>Description: IC FPGA SOC 150K LUTS 1152FCBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S150-FCS536</a><br>Description: IC FPGA SOC 150K LUTS              | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S150-1FCV484</a><br>Description: IC FPGA SOC 150K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M2S150-ADV-DEV-KIT</a><br>Description: KIT DEV ADVANCED M2S150       | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

| Related keywords for <b>M2S150-1FCVG484</b> |                                                     |                                                           |                                                          |
|---------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| Microsemi M2S150-1FCVG484                   | M2S150-1FCVG484 distributor                         | M2S150-1FCVG484 supplier                                  | M2S150-1FCVG484 price                                    |
| M2S150-1FCVG484 download datasheet          | M2S150-1FCVG484 datasheet                           | M2S150-1FCVG484 stock                                     | buy M2S150-1FCVG484                                      |
| Microsemi M2S150-1FCVG484                   | Microsemi Analog Mixed Signal Group M2S150-1FCVG484 | Microsemi Analog Mixed Signal Group [MIL] M2S150-1FCVG484 | Microsemi Consumer Medical Product Group M2S150-1FCVG484 |
| Microsemi HI-REL [MIL] M2S150-1FCVG484      | Microsemi Power Management Group M2S150-1FCVG484    | Microsemi Power Products Group M2S150-1FCVG484            | Microsemi SoC M2S150-1FCVG484                            |
|                                             |                                                     |                                                           | Microsemi Commercial Components Group M2S150-1FCVG484    |
| Microsemi Corporation M2S150-1FCVG484       | Microsemi Solutions Sdn Bhd. M2S150-1FCVG484        |                                                           |                                                          |

