

M2S050TS-1FG484M



Part Number: [M2S050TS-1FG484M](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 50K LUTS 484FBGA

Data sheet:  [SmartFusion2 Product Brief](#)  
 [Military Grade IGL002 FPGA,SmartFusion2 SoC](#)  
 [FPGA SmartFusion2 Datasheet](#)  
 [M2GL0xx Product Brief](#)

RoHs Status: Contains lead / RoHS non-compliant

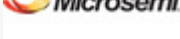
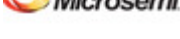
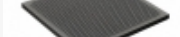
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy M2S050TS-1FG484M with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                    |                                  |                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | M2S050TS-1FG484M                                                                                                   | Manufacturer                     | <a href="#">Microsemi</a>                                                                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA SOC 50K LUTS 484FBGA                                                                                       | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 419 pcs                                                                                                            | Data sheet                       | <a href="#">SmartFusion2 Product Brief</a><br><a href="#">Military Grade IGL002 FPGA,SmartFusion2 SoC</a><br><a href="#">FPGA SmartFusion2 Datasheet</a><br><a href="#">M2GL0xx Product Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                                                          | Supplier Device Package          | 484-FPBGA (23x23)                                                                                                                                                                                 |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                          | 166MHz                                                                                                             | Series                           | SmartFusion®2                                                                                                                                                                                     |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64KB                                                                                                               | Primary Attributes               | FPGA - 50K Logic Modules                                                                                                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                    | DDR, PCIe, SERDES                                                                                                  | Packaging                        | Tray                                                                                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 484-BGA                                                                                                            | Operating Temperature            | -55°C ~ 125°C (TJ)                                                                                                                                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                  | 267                                                                                                                | 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 - 50K Logic Modules 256KB 64KB 166MHz 484-FPBGA (23x23) | 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 419 pieces of Microsemi M2S050TS-1FG484M 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="#">M2S050TS-1FCSG325</a><br>Description: IC FPGA SOC 50K LUTS         | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FG484</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FCSG325I</a><br>Description: IC FPGA SOC 50K LUTS        | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FG896I</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FGG484</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FGG484M</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FCSG325I</a><br>Description: IC FPGA SOC 50K LUTS        | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FGG896</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1VFG400</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FGG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1VF400</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FG896</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-VF400</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FCS325</a><br>Description: IC FPGA SOC 50K LUTS          | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-VF400I</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1VF400I</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-VFG400</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-VFG400I</a><br>Description: IC FPGA SOC 50K LUT 400VFBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FGG896I</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

| Related keywords for M2S050TS-1FG484M   |                                                      |                                                 |                                          |
|-----------------------------------------|------------------------------------------------------|-------------------------------------------------|------------------------------------------|
| Microsemi M2S050TS-1FG484M              | M2S050TS-1FG484M distributor                         | M2S050TS-1FG484M supplier                       | M2S050TS-1FG484M price                   |
| M2S050TS-1FG484M download datasheet     | M2S050TS-1FG484M datasheet                           | M2S050TS-1FG484M stock                          | buy M2S050TS-1FG484M                     |
| Microsemi M2S050TS-1FG484M              | Microsemi Analog Mixed Signal Group M2S050TS-1FG484M | Microsemi Analog Mixed Signal Group [MIL]       | Microsemi Consumer Medical Product Group |
| Microsemi HI-REL [MIL] M2S050TS-1FG484M | Microsemi Power Management Group M2S050TS-1FG484M    | Microsemi Power Products Group M2S050TS-1FG484M | Microsemi SoC M2S050TS-1FG484M           |
|                                         |                                                      |                                                 | Microsemi Commercial Components Group    |
|                                         |                                                      |                                                 | M2S050TS-1FG484M                         |
| Microsemi Corporation M2S050TS-1FG484M  | Microsemi Solutions Sdn Bhd. M2S050TS-1FG484M        |                                                 |                                          |

