

M2S050T-FGG484



Part Number:

M2S050T-FGG484

Manufacturer:

Microsemi

Description:

IC FPGA SOC 50K LUTS 484FBGA

Data sheet:

 SmartFusion2 Pin Descriptions

 IGLOO2, SmartFusion2 FPGA Datasheet

 SmartFusion2 Product Brief

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

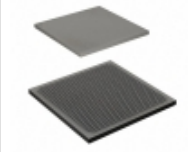
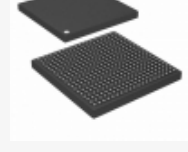
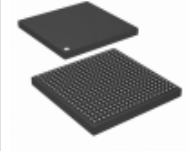
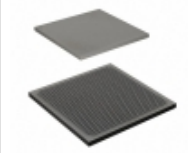
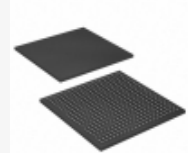
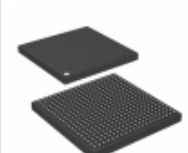
Shipment Way:

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                                                                                                                                                                                                                                                                                                                                                                                                                                   | M2S050T-FGG484                                                                                                     | Manufacturer                    | Microsemi                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC FPGA SOC 50K LUTS 484FBGA                                                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 1052 pcs                                                                                                           | Data sheet                      | <a href="#">SmartFusion2 Pin Descriptions</a><br><a href="#">IGLOO2, SmartFusion2 FPGA Datasheet</a><br><a href="#">SmartFusion2 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                                                                                                            | Other Names                     | 1100-1225<br>M2S050T-FGG484-ND                                                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                         | 0°C ~ 85°C (TJ)                                                                                                    | Number of I/O                   | 267                                                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                                                                      | Manufacturer Standard Lead Time | 7 Weeks                                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS 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                                                                        | Base Part Number                | M2S050T                                                                                                                                            |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                  | MCU, FPGA                                                                                                          |                                 |                                                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 1052 pieces of Microsemi M2S050T-FGG484 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="#">M2S050T-FGG896</a><br>Description: IC FPGA SOC W/TXRX 896-FBGA        | 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="#">M2S050T-FG896I</a><br>Description: IC FPGA SOC 50K LUTS               | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FCS325I</a><br>Description: IC FPGA SOC 50K LUTS              | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FG484</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA        | 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="#">M2S050T-FGG896ES</a><br>Description: IC SOC ENG SMPL MCU/FPGA 896FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-1VFG400</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FCSG325I</a><br>Description: IC FPGA SOC 50K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA       | 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-FG896</a><br>Description: IC SOC ENG SMPL MCU/FPGA 896FBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FGG484I</a><br>Description: IC FPGA SOC 50K LUT 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="#">M2S050T-FCS325</a><br>Description: IC FPGA SOC 50K LUTS               | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FCSG325</a><br>Description: IC FPGA SOC 50K LUTS              | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-FGG896I</a><br>Description: IC FPGA SOC 50K LUTS              | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050TS-1FCS325I</a><br>Description: IC FPGA SOC 50K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S050T-1VFG400I</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

|                                            |                                                    |                                               |                                          |
|--------------------------------------------|----------------------------------------------------|-----------------------------------------------|------------------------------------------|
| Related keywords for <b>M2S050T-FGG484</b> |                                                    |                                               |                                          |
| Microsemi M2S050T-FGG484                   | M2S050T-FGG484 distributor                         | M2S050T-FGG484 supplier                       | M2S050T-FGG484 price                     |
| M2S050T-FGG484 download datasheet          | M2S050T-FGG484 datasheet                           | M2S050T-FGG484 stock                          | buy M2S050T-FGG484                       |
| Microsemi M2S050T-FGG484                   | Microsemi Analog Mixed Signal Group M2S050T-FGG484 | Microsemi Analog Mixed Signal Group [MIL]     | Microsemi Consumer Medical Product Group |
| Microsemi HI-REL [MIL] M2S050T-FGG484      | Microsemi Power Management Group M2S050T-FGG484    | Microsemi Power Products Group M2S050T-FGG484 | Microsemi SoC M2S050T-FGG484             |
|                                            |                                                    |                                               | Microsemi Commercial Components Group    |
|                                            |                                                    |                                               | M2S050T-FGG484                           |
| Microsemi Corporation M2S050T-FGG484       | Microsemi Solutions Sdn Bhd. M2S050T-FGG484        |                                               |                                          |

