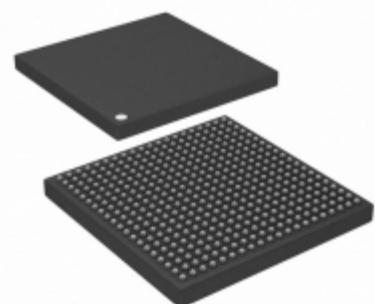


M2S025T-VFG400I





Part Number: [M2S025T-VFG400I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 25K LUT 400VFBGA

Data sheet:  [IGLOO2, SmartFusion2 FPGA Datasheet](#)  
 [SmartFusion2 Product Brief](#)

RoHs Status: Lead free / RoHS Compliant

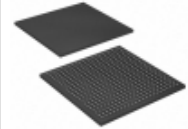
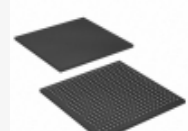
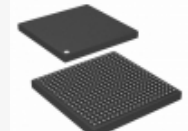
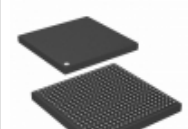
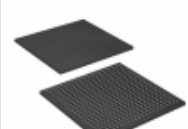
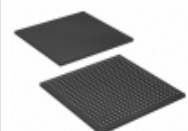
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                    | M2S025T-VFG400I                           | Manufacturer                   | <a href="#">Microsemi</a>                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC FPGA SOC 25K LUT 400VFBGA              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 1363 pcs                                  | Data sheet                     | <a href="#">IGLOO2, SmartFusion2 FPGA Datasheet</a><br><a href="#">SmartFusion2 Product Brief</a>                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Supplier Device Package        | 400-VFBGA (17x17)                                                                                                  |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                          | 166MHz                                    | Series                         | SmartFusion®2                                                                                                      |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64KB                                      | Primary Attributes             | FPGA - 25K Logic Modules                                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                    | DDR, PCIe, SERDES                         | Packaging                      | Tray                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                 | 400-LFBGA                                 | Other Names                    | 1100-1198                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 100°C (TJ)                        | Number of I/O                  | 207                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                             | 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 - 25K Logic Modules 256KB 64KB 166MHz 400-VFBGA (17x17) |
| 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 1363 pieces of Microsemi M2S025T-VFG400I 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="#">M2S025T-VFG256I</a><br>Description: IC FPGA SOC 25K LUTS 256VFG    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-VF256</a><br>Description: IC FPGA SOC 25K LUTS             | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FGG484I</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-FGG484I</a><br>Description: IC FPGA SOC 25K LUT 484FBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-FG484I</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FG484M</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-VF400I</a><br>Description: IC FPGA SOC 25K LUTS 400VFBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-VF400</a><br>Description: IC FPGA SOC 25K LUTS 400VFBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-VFG400</a><br>Description: IC FPGA SOC 25K LUTS 400VFBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-VFG256</a><br>Description: IC FPGA SOC 25K LUTS 256VFG     | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FG484I</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FGG484M</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FCSG325I</a><br>Description: IC FPGA SOC 25K LUTS        | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FCSG325</a><br>Description: IC FPGA SOC 25K LUTS         | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FGG484</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-VF256I</a><br>Description: IC FPGA SOC 25K LUTS            | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025T-FGG484</a><br>Description: IC FPGA SOC 25K LUTS 484FBGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FCS325</a><br>Description: IC FPGA SOC 25K LUTS          | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FG484</a><br>Description: IC FPGA SOC 25K LUTS           | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M2S025TS-1FCS325I</a><br>Description: IC FPGA SOC 25K LUTS         | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

Related keywords for M2S025T-VFG400I

|                                        |                                                     |                                                           |                                                          |
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