

M2S050T-1FCSG325



Part Number: [M2S050T-1FCSG325](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 50K LUTS

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

RoHs Status: Lead free / RoHS Compliant

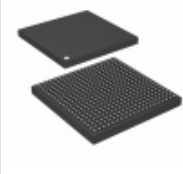
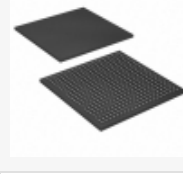
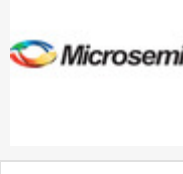
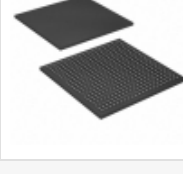
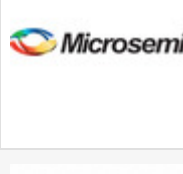
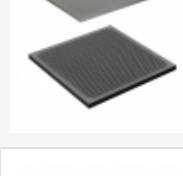
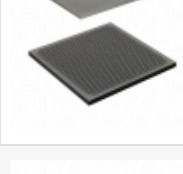
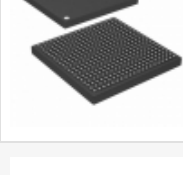
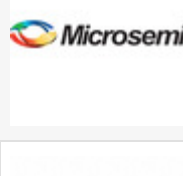
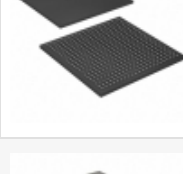
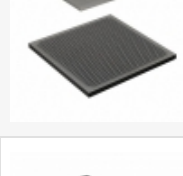
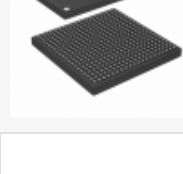
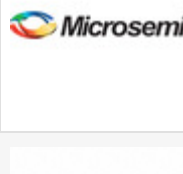
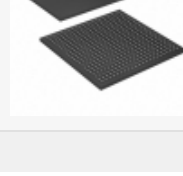
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy M2S050T-1FCSG325 with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                  |                                  |                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2S050T-1FCSG325                                                                                                 | Manufacturer                     | <a href="#">Microsemi</a>                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC FPGA SOC 50K LUTS                                                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 1214 pcs                                                                                                         | Data sheet                       | <a href="#">SmartFusion2 Product Brief</a><br><a href="#">IGL002 FPGA,SmartFusion2 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                                        | Supplier Device Package          | <a href="#">325-BGA (11x11)</a>                                                                  |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                           | 166MHz                                                                                                           | Series                           | SmartFusion®2                                                                                    |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64KB                                                                                                             | Primary Attributes               | FPGA - 50K Logic Modules                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                     | DDR, PCIe, SERDES                                                                                                | Packaging                        | Tray                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | 325-TFBGA                                                                                                        | Operating Temperature            | 0°C ~ 85°C (TJ)                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                   | 200                                                                                                              | 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 - 50K Logic Modules 256KB 64KB 166MHz 325-BGA (11x11) | 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 1214 pieces of Microsemi M2S050T-1FCSG325 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-1FCSG325I</a><br>Description: IC FPGA SOC 50K LUTS         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FG896</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050S-1VFG400I</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FGG484</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FGG896</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FG484M</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050S-1FG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FG484</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FCSG325I</a><br>Description: IC FPGA SOC 50K LUTS         | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FG896I</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050S-1FG896I</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050-VFG400</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FGG484M</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050S-1FGG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050S-1FGG896I</a><br>Description: IC FPGA SOC 50K LUTS 896FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050-VFG400I</a><br>Description: IC FPGA SOC 50K LUT 400VFBGA    | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050S-1VF400I</a><br>Description: IC FPGA SOC 50K LUTS 400VFBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FCSG325</a><br>Description: IC FPGA SOC 50K LUTS          | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M2S050T-1FGG484I</a><br>Description: IC FPGA SOC 50K LUTS 484FBGA  | Manufacturers: <a href="#">Microsemi</a> | <a href="#">RFQ</a> |

|                                              |                                                      |                                                            |                                                           |
|----------------------------------------------|------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| Related keywords for <b>M2S050T-1FCSG325</b> |                                                      |                                                            |                                                           |
| Microsemi M2S050T-1FCSG325                   | M2S050T-1FCSG325 distributor                         | M2S050T-1FCSG325 supplier                                  | M2S050T-1FCSG325 price                                    |
| M2S050T-1FCSG325 download datasheet          | M2S050T-1FCSG325 datasheet                           | M2S050T-1FCSG325 stock                                     | buy M2S050T-1FCSG325                                      |
| Microsemi M2S050T-1FCSG325                   | Microsemi Analog Mixed Signal Group M2S050T-1FCSG325 | Microsemi Analog Mixed Signal Group [MIL] M2S050T-1FCSG325 | Microsemi Consumer Medical Product Group M2S050T-1FCSG325 |
| Microsemi HI-REL [MIL] M2S050T-1FCSG325      | Microsemi Power Management Group M2S050T-1FCSG325    | Microsemi Power Products Group M2S050T-1FCSG325            | Microsemi SoC M2S050T-1FCSG325                            |
|                                              |                                                      |                                                            | Microsemi Commercial Components Group M2S050T-1FCSG325    |
| Microsemi Corporation M2S050T-1FCSG325       | Microsemi Solutions Sdn Bhd. M2S050T-1FCSG325        |                                                            |                                                           |

