

M2S060T-1FCSG325I



Part Number: [M2S060T-1FCSG325I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 60K LUTS

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

RoHs Status: Lead free / RoHS Compliant

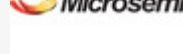
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                  |                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | M2S060T-1FCSG325I                                                                                                | Manufacturer                     | <a href="#">Microsemi</a>                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FPGA SOC 60K LUTS                                                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 1040 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 - 60K Logic Modules                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                      | DDR, PCIe, SERDES                                                                                                | Packaging                        | Tray                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                   | 325-TFBGA                                                                                                        | Operating Temperature            | -40°C ~ 100°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 - 60K 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 1040 pieces of Microsemi M2S060T-1FCSG325I 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                                                                   |                                                                              |                                          |                |
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Related keywords for **M2S060T-1FCSG325I**

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