



Microsemi



M2S050T-1FCSG325

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S050T-1FCSG325                                                                                             |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA SOC 50K LUTS                                                                                         |
|                     |  1.M2S050T-1FCSG325.pdf     |
|                     |  2.M2S050T-1FCSG325.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M2S050T-1FCSG325

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S050T-1FCSG325                                                                                                                                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                |
| DESCRIPTION                      | IC FPGA SOC 50K LUTS                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.M2S050T-1FCSG325.pdf<br> 2.M2S050T-1FCSG325.pdf |
| SUPPLIER DEVICE PACKAGE          | 325-BGA (11x11)                                                                                                                                                                                                          |
| 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                                                                                                                                                                                                                |

Related Tags

|                                                           |                                                      |                                                            |
|-----------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| Microsemi M2S050T-1FCSG325                                | M2S050T-1FCSG325 Distributor                         | M2S050T-1FCSG325 Supplier                                  |
| M2S050T-1FCSG325 Price                                    | M2S050T-1FCSG325 Pictures                            | M2S050T-1FCSG325 Image                                     |
| M2S050T-1FCSG325 PDF Datasheet                            | M2S050T-1FCSG325 Download Datasheet                  | M2S050T-1FCSG325 Datasheet                                 |
| M2S050T-1FCSG325 Stock                                    | Buy M2S050T-1FCSG325                                 | Buy Microsemi M2S050T-1FCSG325                             |
| Microsemi M2S050T-1FCSG325                                | Microsemi Supplier                                   | Microsemi Distributor                                      |
| 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        |                                                            |

Related Products

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|  <div><b>M2S050T-1FCS325</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/>RFQ</div>           |  <div><b>M2S050T-1FCS325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/>RFQ</div>         |
|  <div><b>M2S050T-1FG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M2S050T-1FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>M2S050S-1VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 400VFBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>M2S050T-1FCSG325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/>RFQ</div>        |
|  <div><b>M2S050T-1FG896I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 896FBGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M2S050S-1VF400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 400VFBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>M2S050T-1FG896</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 896FBGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>M2S050T-1FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>M2S050S-1FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>M2S050S-1FGG896I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 896FBGA<br/>In stock: Out stock<br/>RFQ</div> |