



Microsemi



M2S050T-FG484I

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S050T-FG484I                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                            |
| Product description | IC FPGA SOC 50K LUTS 484FBGA                                                                                         |
|                     |  1.M2S050T-FG484I.pdf               |
|                     |  2.M2S050T-FG484I.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

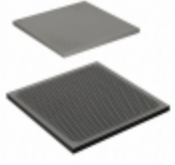
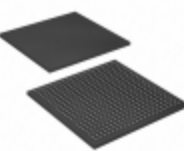
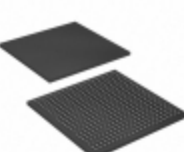
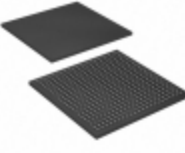
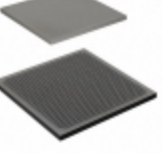
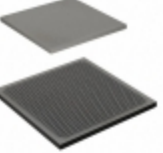
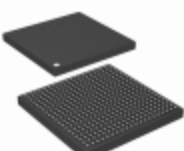
Specifications of M2S050T-FG484I

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S050T-FG484I                                                                                                                                                                                                       |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA SOC 50K LUTS 484FBGA                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| DATA SHEET                       |  1.M2S050T-FG484I.pdf<br> 2.M2S050T-FG484I.pdf |
| 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                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 267                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 11 Weeks                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-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                                                                                                                                                                          |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                            |

Related Tags

|                                                         |                                                    |                                                          |
|---------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------|
| Microsemi M2S050T-FG484I                                | M2S050T-FG484I Distributor                         | M2S050T-FG484I Supplier                                  |
| M2S050T-FG484I Price                                    | M2S050T-FG484I Pictures                            | M2S050T-FG484I Image                                     |
| M2S050T-FG484I PDF Datasheet                            | M2S050T-FG484I Download Datasheet                  | M2S050T-FG484I Datasheet                                 |
| M2S050T-FG484I Stock                                    | Buy M2S050T-FG484I                                 | Buy Microsemi M2S050T-FG484I                             |
| Microsemi M2S050T-FG484I                                | Microsemi Supplier                                 | Microsemi Distributor                                    |
| Microsemi M2S050T-FG484I                                | Microsemi Analog Mixed Signal Group M2S050T-FG484I | Microsemi Analog Mixed Signal Group [MIL] M2S050T-FG484I |
| Microsemi Consumer Medical Product Group M2S050T-FG484I | Microsemi HI-REL [MIL] M2S050T-FG484I              | Microsemi Power Management Group M2S050T-FG484I          |
| Microsemi Power Products Group M2S050T-FG484I           | Microsemi SoC M2S050T-FG484I                       | Microsemi Commercial Components Group M2S050T-FG484I     |
| Microsemi Corporation M2S050T-FG484I                    | Microsemi Solutions Sdn Bhd. M2S050T-FG484I        |                                                          |

Related Products

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|  <div><b>M2S050T-FG896</b><br/>Manufacturers: Microsemi<br/>Description: IC SOC ENG SMPL MCU/FPGA 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>M2S050T-FCS325</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
|  <div><b>M2S050T-FCS325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>M2S050T-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUT 484FBGA<br/>In stock: 15 pcs<br/><div>RFQ</div></div>          |
|  <div><b>M2S050T-FCSG325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>          |  <div><b>M2S050T-FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>M2S050T-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>M2S050T-FGG896ES</b><br/>Manufacturers: Microsemi<br/>Description: IC SOC ENG SMPL MCU/FPGA 896FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>M2S050T-FG896I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>            |  <div><b>M2S050T-FGG896</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC W/TXRX 896-FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>M2S050T-FCSG325</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>M2S050T-1VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 400VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |