



M2S050T-1FG484I

Part Number:

M2S050T-1FG484I

Manufacturer/Brand:

Microsemi

Product description

IC FPGA SOC 50K LUTS 484FBGA

Datasheets:

1.M2S050T-1FG484I.pdf

2.M2S050T-1FG484I.pdf

RoHs Status

Contains lead / RoHS non-compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

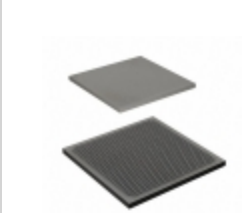
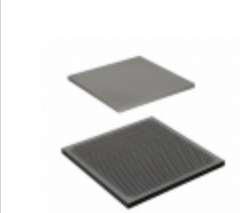
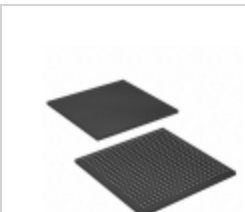
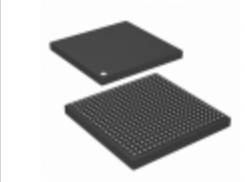
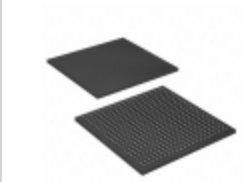
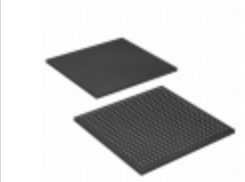
Specifications of M2S050T-1FG484I

|                                  |                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S050T-1FG484I                                                                                                                                                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA SOC 50K LUTS 484FBGA                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                      |
| DATA SHEET                       | <div>1.M2S050T-1FG484I.pdf</div> <div>2.M2S050T-1FG484I.pdf</div> |
| 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)                                                                                                                                                                                                                           |
| 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                                                                                                                                                                                             |
| BASE PART NUMBER                 | M2S050T                                                                                                                                                                                                                                 |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                               |

Related Tags

|                                                          |                                                     |                                                           |
|----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|
| Microsemi M2S050T-1FG484I                                | M2S050T-1FG484I Distributor                         | M2S050T-1FG484I Supplier                                  |
| M2S050T-1FG484I Price                                    | M2S050T-1FG484I Pictures                            | M2S050T-1FG484I Image                                     |
| M2S050T-1FG484I PDF Datasheet                            | M2S050T-1FG484I Download Datasheet                  | M2S050T-1FG484I Datasheet                                 |
| M2S050T-1FG484I Stock                                    | Buy M2S050T-1FG484I                                 | Buy Microsemi M2S050T-1FG484I                             |
| Microsemi M2S050T-1FG484I                                | Microsemi Supplier                                  | Microsemi Distributor                                     |
| Microsemi M2S050T-1FG484I                                | Microsemi Analog Mixed Signal Group M2S050T-1FG484I | Microsemi Analog Mixed Signal Group [MIL] M2S050T-1FG484I |
| Microsemi Consumer Medical Product Group M2S050T-1FG484I | Microsemi HI-REL [MIL] M2S050T-1FG484I              | Microsemi Power Management Group M2S050T-1FG484I          |
| Microsemi Power Products Group M2S050T-1FG484I           | Microsemi SoC M2S050T-1FG484I                       | Microsemi Commercial Components Group M2S050T-1FG484I     |
| Microsemi Corporation M2S050T-1FG484I                    | Microsemi Solutions Sdn Bhd. M2S050T-1FG484I        |                                                           |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    |
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| <div></div> <div>M2S050T-1FGG484M</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>M2S050T-1FCSG325</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>          |
| <div></div> <div>M2S050T-1FCS325</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>          | <div></div> <div>M2S050T-1FCS325I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>          |
| <div></div> <div>M2S050T-1FG896I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>M2S050T-1FG896</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div>M2S050T-1FG484</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div>M2S050T-1FCSG325I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS</div> <div>In stock: Out stock</div> <div>RFQ</div>         |
| <div></div> <div>M2S050T-1FG484M</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>M2S050S-1VFG400I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 400VFBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>M2S050T-1FGG484I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>M2S050T-1FGG484</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 50K LUTS 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>   |