



Microsemi



Image may be representation. See specifications for product details.

|                     |                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S060TS-1FGG484I                                                                                                                                                                                                      |
| Manufacturer/Brand: | Microsemi                                                                                                                                                                                                              |
| Product description | IC FPGA SOC 60K LUTS                                                                                                                                                                                                   |
| Datasheets:         |  1.M2S060TS-1FGG484I.pdf<br> 2.M2S060TS-1FGG484I.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                           |
| Stock Condition     | 778 pcs stock                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

Specifications of M2S060TS-1FGG484I

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S060TS-1FGG484I                                                                                                                                                                                                          |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA SOC 60K LUTS                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 778 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.M2S060TS-1FGG484I.pdf<br> 2.M2S060TS-1FGG484I.pdf |
| SUPPLIER DEVICE PACKAGE          | 484-FPBGA (23x23)                                                                                                                                                                                                          |
| SPEED                            | 166MHz                                                                                                                                                                                                                     |
| SERIES                           | SmartFusion®2                                                                                                                                                                                                              |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                       |
| PRIMARY ATTRIBUTES               | FPGA - 60K 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   | 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 484-FPBGA (23x23)                                                                                                         |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                            |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                                                                                                                                |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                  |

Related Tags

|                                                            |                                                       |                                                             |
|------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|
| Microsemi M2S060TS-1FGG484I                                | M2S060TS-1FGG484I Distributor                         | M2S060TS-1FGG484I Supplier                                  |
| M2S060TS-1FGG484I Price                                    | M2S060TS-1FGG484I Pictures                            | M2S060TS-1FGG484I Image                                     |
| M2S060TS-1FGG484I PDF Datasheet                            | M2S060TS-1FGG484I Download Datasheet                  | M2S060TS-1FGG484I Datasheet                                 |
| M2S060TS-1FGG484I Stock                                    | Buy M2S060TS-1FGG484I                                 | Buy Microsemi M2S060TS-1FGG484I                             |
| Microsemi M2S060TS-1FGG484I                                | Microsemi Supplier                                    | Microsemi Distributor                                       |
| Microsemi M2S060TS-1FGG484I                                | Microsemi Analog Mixed Signal Group M2S060TS-1FGG484I | Microsemi Analog Mixed Signal Group [MIL] M2S060TS-1FGG484I |
| Microsemi Consumer Medical Product Group M2S060TS-1FGG484I | Microsemi HI-REL [MIL] M2S060TS-1FGG484I              | Microsemi Power Management Group M2S060TS-1FGG484I          |
| Microsemi Power Products Group M2S060TS-1FGG484I           | Microsemi SoC M2S060TS-1FGG484I                       | Microsemi Commercial Components Group M2S060TS-1FGG484I     |
| Microsemi Corporation M2S060TS-1FGG484I                    | Microsemi Solutions Sdn Bhd. M2S060TS-1FGG484I        |                                                             |

Related Products

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|  <div><b>M2S060TS-1FGG676</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 628 pcs</div> <div>RFQ</div>  |  <div><b>M2S060TS-1FGG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: 381 pcs</div> <div>RFQ</div>         |
|  <div><b>M2S060TS-1VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 720 pcs</div> <div>RFQ</div>   |  <div><b>M2S060TS-1FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 784 pcs</div> <div>RFQ</div>  |
|  <div><b>M2S060TS-1FGG484T2</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: 583 pcs</div> <div>RFQ</div>         |  <div><b>M2S060TS-1FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 819 pcs</div> <div>RFQ</div> |
|  <div><b>M2S060TS-1FGG676I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 650 pcs</div> <div>RFQ</div> |  <div><b>M2S060TS-1FG676I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 733 pcs</div> <div>RFQ</div> |
|  <div><b>M2S060TS-1FG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: 297 pcs</div> <div>RFQ</div>           |  <div><b>M2S060TS-1FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 786 pcs</div> <div>RFQ</div> |
|  <div><b>M2S060TS-1FGG676T2</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: 563 pcs</div> <div>RFQ</div>         |  <div><b>M2S060TS-1FG676</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 60K LUTS<br/>In stock: 695 pcs</div> <div>RFQ</div>  |

