



Microsemi



Image may be representation. See specifications for product details.

M2S060TS-1VFG400I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S060TS-1VFG400I                                                                                            |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA SOC 60K LUTS                                                                                         |
| Datasheets:         |  1.M2S060TS-1VFG400I.pdf    |
|                     |  2.M2S060TS-1VFG400I.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 735 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of M2S060TS-1VFG400I

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S060TS-1VFG400I                                                                                                                                                                                                          |
| MANUFACTURER                     | Microsemi                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA SOC 60K LUTS                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 735 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.M2S060TS-1VFG400I.pdf<br> 2.M2S060TS-1VFG400I.pdf |
| SUPPLIER DEVICE PACKAGE          | 400-VFBGA (17x17)                                                                                                                                                                                                          |
| SPEED                            | 166MHz                                                                                                                                                                                                                     |
| SERIES                           | SmartFusion®2                                                                                                                                                                                                              |
| RAM SIZE                         | 64KB                                                                                                                                                                                                                       |
| PRIMARY ATTRIBUTES               | FPGA - 60K Logic Modules                                                                                                                                                                                                   |
| PERIPHERALS                      | DDR, PCIe, SERDES                                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 400-LFBGA                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 207                                                                                                                                                                                                                        |
| 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 400-VFBGA (17x17)                                                                                                         |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                            |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                                                                                                                                |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                  |

Related Tags

|                                                            |                                                       |                                                             |
|------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|
| Microsemi M2S060TS-1VFG400I                                | M2S060TS-1VFG400I Distributor                         | M2S060TS-1VFG400I Supplier                                  |
| M2S060TS-1VFG400I Price                                    | M2S060TS-1VFG400I Pictures                            | M2S060TS-1VFG400I Image                                     |
| M2S060TS-1VFG400I PDF Datasheet                            | M2S060TS-1VFG400I Download Datasheet                  | M2S060TS-1VFG400I Datasheet                                 |
| M2S060TS-1VFG400I Stock                                    | Buy M2S060TS-1VFG400I                                 | Buy Microsemi M2S060TS-1VFG400I                             |
| Microsemi M2S060TS-1VFG400I                                | Microsemi Supplier                                    | Microsemi Distributor                                       |
| Microsemi M2S060TS-1VFG400I                                | Microsemi Analog Mixed Signal Group M2S060TS-1VFG400I | Microsemi Analog Mixed Signal Group [MIL] M2S060TS-1VFG400I |
| Microsemi Consumer Medical Product Group M2S060TS-1VFG400I | Microsemi HI-REL [MIL] M2S060TS-1VFG400I              | Microsemi Power Management Group M2S060TS-1VFG400I          |
| Microsemi Power Products Group M2S060TS-1VFG400I           | Microsemi SoC M2S060TS-1VFG400I                       | Microsemi Commercial Components Group M2S060TS-1VFG400I     |
| Microsemi Corporation M2S060TS-1VFG400I                    | Microsemi Solutions Sdn Bhd. M2S060TS-1VFG400I        |                                                             |

Related Products

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>M2S060TS-1FGG676T2</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC</div> <div>In stock: 563 pcs</div> <div>RFQ</div>         |  <div>M2S060TS-1VFG400</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 803 pcs</div> <div>RFQ</div>  |
|  <div>M2S060TS-1VF400I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 720 pcs</div> <div>RFQ</div>  |  <div>M2S060TS-1FGG676</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 628 pcs</div> <div>RFQ</div>  |
|  <div>M2S060TS-1VF400</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 720 pcs</div> <div>RFQ</div>   |  <div>M2S060TS-FCS325</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 1128 pcs</div> <div>RFQ</div>  |
|  <div>M2S060TS-FCSG325I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 888 pcs</div> <div>RFQ</div> |  <div>M2S060TS-1VFG400T2</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC</div> <div>In stock: 672 pcs</div> <div>RFQ</div>         |
|  <div>M2S060TS-FG484</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 925 pcs</div> <div>RFQ</div>    |  <div>M2S060TS-FCSG325</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 1224 pcs</div> <div>RFQ</div> |
|  <div>M2S060TS-FCS325I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 974 pcs</div> <div>RFQ</div>  |  <div>M2S060TS-1FGG676I</div> <div>Manufacturers: Microsemi</div> <div>Description: IC FPGA SOC 60K LUTS</div> <div>In stock: 650 pcs</div> <div>RFQ</div> |