



Microsemi



Image may be representation. See specifications for product details.

M2S005S-1VFG400

|                     |                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S005S-1VFG400                                                                                                                                                                                         |
| Manufacturer/Brand: | Microsemi                                                                                                                                                                                               |
| Product description | IC FPGA SOC 5K LUTS<br><a href="#">PDF</a> 1.M2S005S-1VFG400.pdf<br><a href="#">PDF</a> 2.M2S005S-1VFG400.pdf<br><a href="#">PDF</a> 3.M2S005S-1VFG400.pdf<br><a href="#">PDF</a> 4.M2S005S-1VFG400.pdf |
| Datasheets:         |                                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                   |

REQUEST FOR QUOTATION

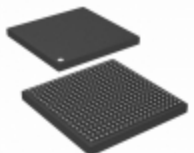
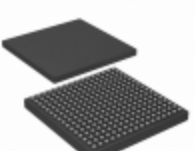
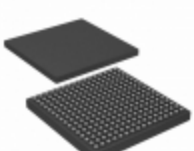
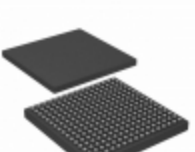
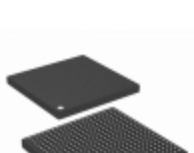
Specifications of M2S005S-1VFG400

|                                  |                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S005S-1VFG400                                                                                                                                                                  |
| MANUFACTURER                     | Microsemi                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA SOC 5K LUTS                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                       |
| DATA SHEET                       | <a href="#">PDF</a> 1.M2S005S-1VFG400.pdf<br><a href="#">PDF</a> 2.M2S005S-1VFG400.pdf<br><a href="#">PDF</a> 3.M2S005S-1VFG400.pdf<br><a href="#">PDF</a> 4.M2S005S-1VFG400.pdf |
| SUPPLIER DEVICE PACKAGE          | 400-VFBGA (17x17)                                                                                                                                                                |
| SPEED                            | 166MHz                                                                                                                                                                           |
| SERIES                           | SmartFusion®2                                                                                                                                                                    |
| RAM SIZE                         | 64KB                                                                                                                                                                             |
| PRIMARY ATTRIBUTES               | FPGA - 5K Logic Modules                                                                                                                                                          |
| PERIPHERALS                      | DDR                                                                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                                                             |
| PACKAGE / CASE                   | 400-LFBGA                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                  |
| NUMBER OF I/O                    | 171                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                       |
| FLASH SIZE                       | 128KB                                                                                                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 400-VFBGA (17x17)                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                  |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                                                                                      |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                        |

Related Tags

|                                                          |                                                     |                                                           |
|----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|
| Microsemi M2S005S-1VFG400                                | M2S005S-1VFG400 Distributor                         | M2S005S-1VFG400 Supplier                                  |
| M2S005S-1VFG400 Price                                    | M2S005S-1VFG400 Pictures                            | M2S005S-1VFG400 Image                                     |
| M2S005S-1VFG400 PDF Datasheet                            | M2S005S-1VFG400 Download Datasheet                  | M2S005S-1VFG400 Datasheet                                 |
| M2S005S-1VFG400 Stock                                    | Buy M2S005S-1VFG400                                 | Buy Microsemi M2S005S-1VFG400                             |
| Microsemi M2S005S-1VFG400                                | Microsemi Supplier                                  | Microsemi Distributor                                     |
| Microsemi M2S005S-1VFG400                                | Microsemi Analog Mixed Signal Group M2S005S-1VFG400 | Microsemi Analog Mixed Signal Group [MIL] M2S005S-1VFG400 |
| Microsemi Consumer Medical Product Group M2S005S-1VFG400 | Microsemi HI-REL [MIL] M2S005S-1VFG400              | Microsemi Power Management Group M2S005S-1VFG400          |
| Microsemi Power Products Group M2S005S-1VFG400           | Microsemi SoC M2S005S-1VFG400                       | Microsemi Commercial Components Group M2S005S-1VFG400     |
| Microsemi Corporation M2S005S-1VFG400                    | Microsemi Solutions Sdn Bhd. M2S005S-1VFG400        |                                                           |

Related Products

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|  <div><b>M2S005S-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>M2S005S-1VF400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>M2S005S-1VFG256T2</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>M2S005S-1VFG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div>          |
|  <div><b>M2S005S-1VFG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>M2S005S-1VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div>            |
|  <div><b>M2S005S-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>M2S005S-1VFG400T2</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>M2S005S-1VF256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>M2S005S-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div>            |
|  <div><b>M2S005S-FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>M2S005S-1VFG400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 5K LUTS 400VFBGA<br/>In stock: Out stock<br/>RFQ</div> |