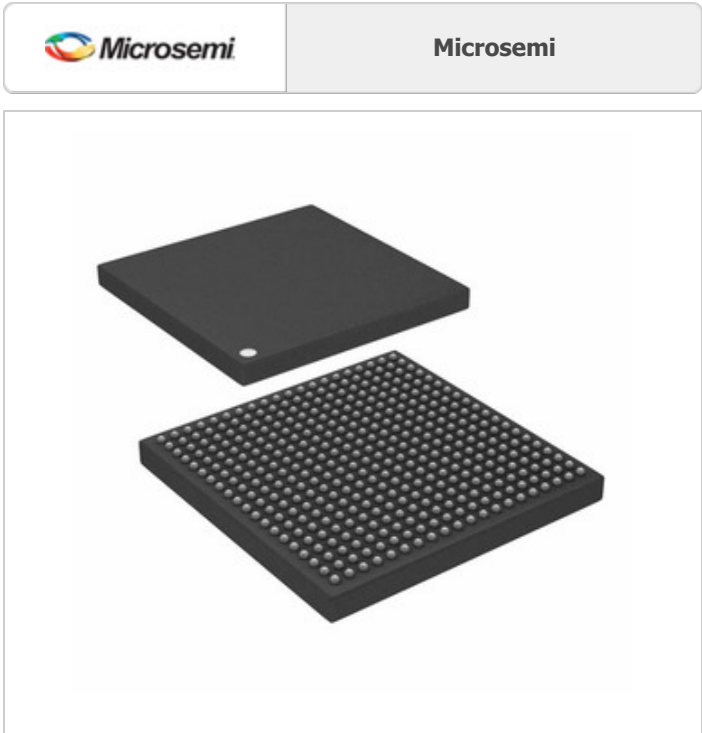




M2S050TS-1VFG400I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M2S050TS-1VFG400I                                                                                            |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC FPGA SOC 50K LUTS 400VFBGA                                                                                |
| Datasheets:         | <a href="#">1.M2S050TS-1VFG400I.pdf</a><br><a href="#">2.M2S050TS-1VFG400I.pdf</a>                           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

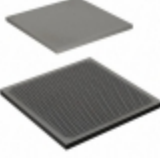
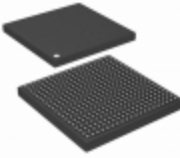
Specifications of M2S050TS-1VFG400I

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M2S050TS-1VFG400I                                                                                                  |
| MANUFACTURER                     | Microsemi                                                                                                          |
| DESCRIPTION                      | IC FPGA SOC 50K LUTS 400VFBGA                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       | <a href="#">1.M2S050TS-1VFG400I.pdf</a><br><a href="#">2.M2S050TS-1VFG400I.pdf</a>                                 |
| SUPPLIER DEVICE PACKAGE          | 400-VFBGA (17x17)                                                                                                  |
| SPEED                            | 166MHz                                                                                                             |
| SERIES                           | SmartFusion®2                                                                                                      |
| RAM SIZE                         | 64KB                                                                                                               |
| PRIMARY ATTRIBUTES               | FPGA - 50K 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 - 50K Logic Modules 256KB 64KB 166MHz 400-VFBGA (17x17) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                    |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, SPI, UART/USART, USB                                                                        |
| BASE PART NUMBER                 | M2S050TS                                                                                                           |
| ARCHITECTURE                     | MCU, FPGA                                                                                                          |

Related Tags

|                                                            |                                                       |                                                             |
|------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|
| Microsemi M2S050TS-1VFG400I                                | M2S050TS-1VFG400I Distributor                         | M2S050TS-1VFG400I Supplier                                  |
| M2S050TS-1VFG400I Price                                    | M2S050TS-1VFG400I Pictures                            | M2S050TS-1VFG400I Image                                     |
| M2S050TS-1VFG400I PDF Datasheet                            | M2S050TS-1VFG400I Download Datasheet                  | M2S050TS-1VFG400I Datasheet                                 |
| M2S050TS-1VFG400I Stock                                    | Buy M2S050TS-1VFG400I                                 | Buy Microsemi M2S050TS-1VFG400I                             |
| Microsemi M2S050TS-1VFG400I                                | Microsemi Supplier                                    | Microsemi Distributor                                       |
| Microsemi M2S050TS-1VFG400I                                | Microsemi Analog Mixed Signal Group M2S050TS-1VFG400I | Microsemi Analog Mixed Signal Group [MIL] M2S050TS-1VFG400I |
| Microsemi Consumer Medical Product Group M2S050TS-1VFG400I | Microsemi HI-REL [MIL] M2S050TS-1VFG400I              | Microsemi Power Management Group M2S050TS-1VFG400I          |
| Microsemi Power Products Group M2S050TS-1VFG400I           | Microsemi SoC M2S050TS-1VFG400I                       | Microsemi Commercial Components Group M2S050TS-1VFG400I     |
| Microsemi Corporation M2S050TS-1VFG400I                    | Microsemi Solutions Sdn Bhd. M2S050TS-1VFG400I        |                                                             |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>M2S050TS-1FGG896</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 896FBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>M2S050TS-1VFG400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 400VFBGA<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>M2S050TS-FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock</div><div>RFQ</div></div>            | <div><div><b>M2S050TS-FCSG325</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock</div><div>RFQ</div></div>          |
| <div><div><b>M2S050TS-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock</div><div>RFQ</div></div>           | <div><div><b>M2S050TS-1FGG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 484FBGA<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>M2S050TS-FCS325</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock</div><div>RFQ</div></div>           | <div><div><b>M2S050TS-1VF400</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 400VFBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  |
| <div><div><b>M2S050TS-1FGG896I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 896FBGA<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>M2S050TS-1VF400I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS 400VFBGA<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>M2S050TS-FCSG325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock</div><div>RFQ</div></div>         | <div><div><b>M2S050TS-FCS325I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA SOC 50K LUTS<br/>In stock: Out stock</div><div>RFQ</div></div>          |