



### M2S010TS-1VF400

Part Number:	M2S010TS-1VF400
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 10K LUTS 400VFBGA
Datasheets:	<a href="#">1.M2S010TS-1VF400.pdf</a> <a href="#">2.M2S010TS-1VF400.pdf</a>
RoHs Status:	Contains lead / RoHS non-compliant
Stock Condition:	1932 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of M2S010TS-1VF400

PART NUMBER	M2S010TS-1VF400
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 10K LUTS 400VFBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	1932 pcs
DATA SHEET	<a href="#">1.M2S010TS-1VF400.pdf</a> <a href="#">2.M2S010TS-1VF400.pdf</a>
SUPPLIER DEVICE PACKAGE	400-VFBGA (17x17)
SPEED	166MHz
SERIES	SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 10K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	400-LFBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	195
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 - 10K Logic Modules 256KB 64KB 166MHz 400-VFBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

#### Related Tags

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<p><b>M2S010TS-1VFG400I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS 400VFBGA                  In stock: 1672 pcs  <a href="#">RFQ</a></p>	<p><b>M2S010TS-1FGG484T2</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC                  In stock: 1307 pcs  <a href="#">RFQ</a></p>
<p><b>M2S010TS-1FGG484</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS 484FBGA                  In stock: 1719 pcs  <a href="#">RFQ</a></p>	<p><b>M2S010TS-1VFG256</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS                  In stock: 2482 pcs  <a href="#">RFQ</a></p>
<p><b>M2S010TS-1VFG400</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS 400VFBGA                  In stock: 1892 pcs  <a href="#">RFQ</a></p>	<p><b>M2S010TS-1VF256I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS                  In stock: 2477 pcs  <a href="#">RFQ</a></p>
<p><b>M2S010TS-1VF400I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS 400VFBGA                  In stock: 1784 pcs  <a href="#">RFQ</a></p>	<p><b>M2S010TS-1VFG256T2</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC                  In stock: 1971 pcs  <a href="#">RFQ</a></p>
<p><b>M2S010TS-1VFG256I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS                  In stock: 2334 pcs  <a href="#">RFQ</a></p>	<p><b>M2S010TS-1FGG484M</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS 484FBGA                  In stock: 777 pcs  <a href="#">RFQ</a></p>
<p><b>M2S010TS-1FGG484I</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS 484FBGA                  In stock: 1632 pcs  <a href="#">RFQ</a></p>	<p><b>M2S010TS-1VF256</b>                  Manufacturers: Microsemi                  Description: IC FPGA SOC 10K LUTS                  In stock: 2346 pcs  <a href="#">RFQ</a></p>