

## M2S010S-1VFG400I

Part Number:	M2S010S-1VFG400I
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 10K LUTS 400VFBGA
Datasheets:	<a href="#">1.M2S010S-1VFG400I.pdf</a> <a href="#">2.M2S010S-1VFG400I.pdf</a>
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.






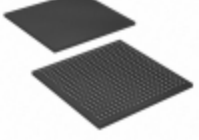
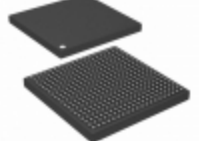
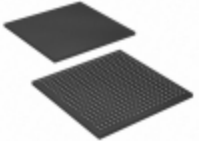
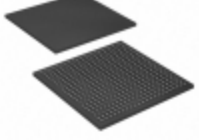



### Specifications of M2S010S-1VFG400I

PART NUMBER	M2S010S-1VFG400I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 10K LUTS 400VFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.M2S010S-1VFG400I.pdf</a> <a href="#">2.M2S010S-1VFG400I.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	-40°C ~ 100°C (TJ)
NUMBER OF I/O	195
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 - 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
BASE PART NUMBER	M2S010S
ARCHITECTURE	MCU, FPGA

### Related Tags

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Microsemi Consumer Medical Product Group M2S010S-1VFG400I	Microsemi HI-REL [MIL] M2S010S-1VFG400I	Microsemi Power Management Group M2S010S-1VFG400I
Microsemi Power Products Group M2S010S-1VFG400I	Microsemi SoC M2S010S-1VFG400I	Microsemi Commercial Components Group M2S010S-1VFG400I
Microsemi Corporation M2S010S-1VFG400I	Microsemi Solutions Sdn Bhd. M2S010S-1VFG400I	

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 <p><b>M2S010S-TQG144</b> Manufacturers: Microsemi Description: IC FPGA SOC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>M2S010S-1TQG144I</b> Manufacturers: Microsemi Description: IC FPGA SOC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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