

	M2S010-1VF256
	Manufacturer Part Number: M2S010-1VF256
	Manufacturer/Brand: Microsemi
	Part of Description: IC FPGA SOC 10K LUTS
	Datasheets: <ul style="list-style-type: none">  1.M2S010-1VF256.pdf  2.M2S010-1VF256.pdf  3.M2S010-1VF256.pdf  4.M2S010-1VF256.pdf
	RoHs Status: Contains lead / RoHS non-compliant
Stock Condition: New original, Stock Available.	
Ship From: Hong Kong	
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Image may be representation. See specs for product details.	









Specifications

Part Number	M2S010-1VF256
Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS
Category	Integrated Circuits (ICs) > Embedded - System On Chip
Part Status	Require For Quote & Check Stock
Series	SmartFusion@2
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	256-VFBGA
Supplier Device Package	256-BGA (17x17)
Peripherals	DDR, PCIe, SERDES
Primary Attributes	FPGA - 10K Logic Modules
Core Processor	ARM® Cortex®-M3
Speed	166MHz
Architecture	MCU, FPGA
Number of I/O	138
Connectivity	CAN, Ethernet, I ² C, SPI, UART/USART, USB
MCU Flash	256KB
MCU RAM	64KB
Packaging	Tray

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
























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 M2S010-1VFG256I Microsemi IC FPGA SOC 10K LUTS	 M2S010-1TQ144I Microsemi IC FPGA SOC 10K LUTS	 M2S010-1VF256I Microsemi IC FPGA SOC 10K LUTS	 M2S010-1VF400 Microsemi IC FPGA SOC 10K LUTS 400VFBGA

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|  EXB250-48S1V8-ZJ |  HSMG-C120 |  IR21834S |  IR3086AMPBF |  IRKT132-02 |
|  KSA473-OUT |  LM3411M5-5.0 |  LP3879MRX-1.0 |  LQM21DN4R7N00D |  M30620SPGP#U5C |
|  M74HC373RM13TR |  MAX11068GUU |  MC74HC04ADTR2G |  MCD310-12I01 |  MDCG-4-Q2515 |
|  MP20045DN-25-LF-Z |  MPQ18201HQ-A-LF-Z |  PC924LOYIZ |  PCA9633DP2 |  PI3LVD400ZFEX |
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|  SM5877AM-ET |  SSU50N10 |  TC58DYG02D5BAI4 |  TLC0832IP |  TSH110ILT |
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