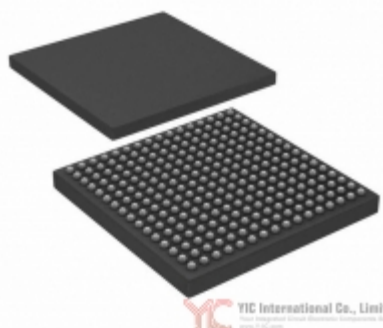

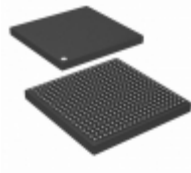


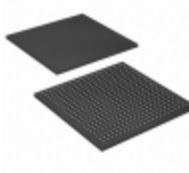
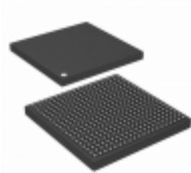

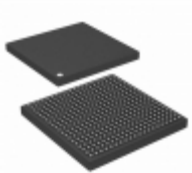
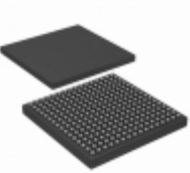
	<h2 style="color: #e67e22;">M2S010-1VFG256</h2>	
	Manufacturer Part Number:	M2S010-1VFG256
	Manufacturer/Brand:	Microsemi
	Part of Description:	IC FPGA SOC 10K LUTS
	Datasheets:	1.M2S010-1VFG256.pdf 2.M2S010-1VFG256.pdf 3.M2S010-1VFG256.pdf 4.M2S010-1VFG256.pdf
	RoHs Status:	 Lead free / RoHS
Stock Condition:	Compliant New original, Stock Available.	
Ship From:	Hong Kong	
Shipment Way:	DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>		

Specifications	
Part Number	M2S010-1VFG256
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-LBGA
Supplier Device Package	256-FPBGA (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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| D CL10A106KQ8NNNC | ⊕ CL31A106KACLNNL | ⊖ CR13032-R1 | ⊕ CY23EP05SXI-1H | ➔ DT25N14KOF |
| ➔ FJX597JBTF | ➔ FQI13N06 | ⊕ GRM0337U1H7R5CD01D | ⊖ H-A300S3 | ➔ HGT1S10N120BNS |
| ➔ HW-108A-F | ➔ IS45S16100C1-7BLA1-T | D ISL6843IU | ⊕ LD063C224KAB2A | ⊖ LM1117T-5.0 |
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| ⊕ PH100F24-3/MOT | ⊖ S-80734AN-DY-T1 | ⊕ SM12CXC400 | D SMAJ20CA-E3/61 | ➔ SS3P3L-M3/86A |
| ➔ STMPE2401TBR | ⊕ TLV1544IPWR | ⊖ TMP423AIDCNRG4 | ⊕ TSV9111ID | ➔ XCS20XL-4VQG100C |

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