

M2S005-VFG256I



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Part Number: [M2S005-VFG256I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 5K LUTS

Data sheet:  [SmartFusion2 Pin Descriptions](#)
 [IGL002 FPGA,SmartFusion2 Datasheet](#)
 [SmartFusion2 Datasheet](#)
 [SmartFusion2 Product Brief](#)

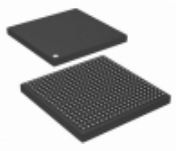
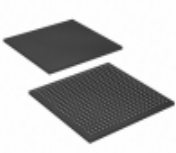
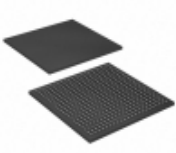
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	M2S005-VFG256I	Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4846 pcs	Data sheet	SmartFusion2 Pin Descriptions IGL002 FPGA,SmartFusion2 Datasheet SmartFusion2 Datasheet SmartFusion2 Product Brief
Category	Integrated Circuits (ICs)	Supplier Device Package	256-VFPBGA (14x14)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 5K Logic Modules
Peripherals	DDR	Packaging	Tray
Package / Case	256-LFBGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	161	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	3 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Flash Size	128KB	Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 256-VFPBGA (14x14)
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB
Architecture	MCU, FPGA		
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