

M2S010-FG484I



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Part Number: M2S010-FG484I

Manufacturer: Microsemi

Description: IC FPGA SOC 10K LUTS

Data sheet:  [SmartFusion2 Pin Descriptions](#)
 [SmartFusion2 Product Brief](#)
 [IGL002 FPGA,SmartFusion2 Datasheet](#)
 [SmartFusion2 Datasheet](#)
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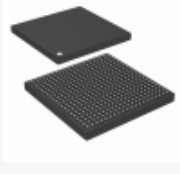
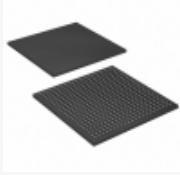
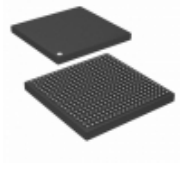
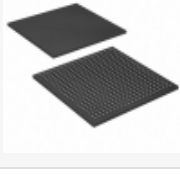
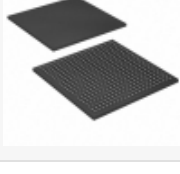
RoHs Status: Contains lead / RoHS non-compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	M2S010-FG484I	Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	1793 pcs	Data sheet	SmartFusion2 Pin Descriptions SmartFusion2 Product Brief IGL002 FPGA,SmartFusion2 Datasheet SmartFusion2 Datasheet SmartFusion2 Product Brief
Category	Integrated Circuits (ICs)	Supplier Device Package	484-FPBGA (23x23)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 10K Logic Modules
Peripherals	DDR, PCIe, SERDES	Packaging	Tray
Package / Case	484-BGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	233	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	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 484-FPBGA (23x23)
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB
Architecture	MCU, FPGA		
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