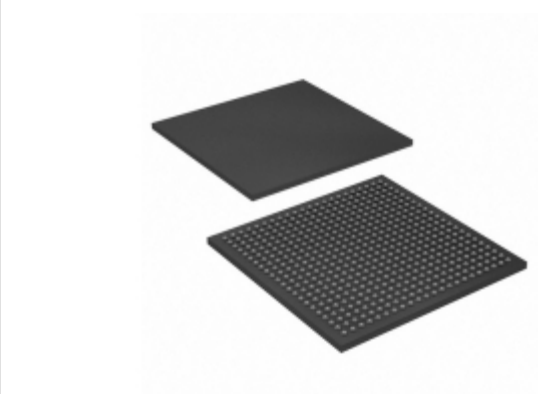


M2S010-FG484



Images are for reference only.
See Product Specifications for product details.
Buy M2S010-FG484 with confidence from Component-World.HK, 1 Year Warranty



Part Number: [M2S010-FG484](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 10K LUTS 484FBGA

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

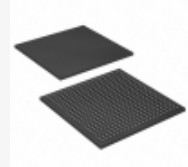
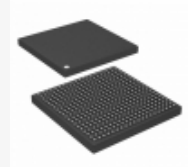
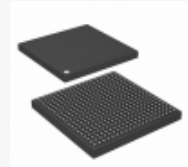
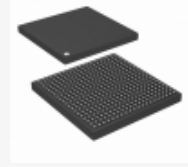
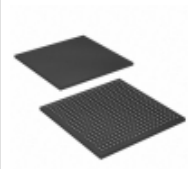
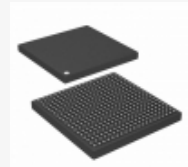
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	M2S010-FG484	Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS 484FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	2530 pcs	Data sheet	SmartFusion2 Pin Descriptions 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	0°C ~ 85°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
Base Part Number	M2S010	Architecture	MCU, FPGA
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	Part#: M2S010-1VF400I Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-MKR-KIT Description: SMARTFUSION2 MAKER-BOARD	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG400I Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1TQG144I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-FG484I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VF256 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VF256I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-FGG484I Description: IC FPGA SOC 10K LUT 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG400 Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ

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