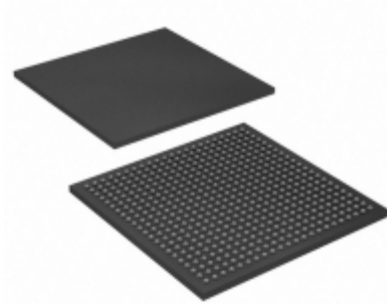


M2S090-1FG484



Part Number: [M2S090-1FG484](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 90K LUTS 484FBGA

Data sheet:  [SmartFusion2 Pin Descriptions](#)
 [SmartFusion2 Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

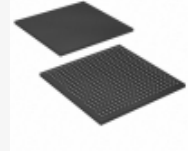
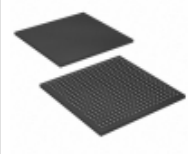
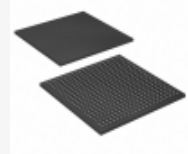
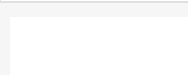
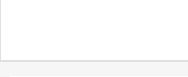
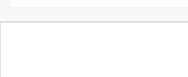
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	M2S090-1FG484	Manufacturer	Microsemi
Description	IC FPGA SOC 90K LUTS 484FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	506 pcs	Data sheet	SmartFusion2 Pin Descriptions SmartFusion2 Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	484-FPBGA (23x23)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 90K Logic Modules
Peripherals	DDR, PCIe, SERDES	Packaging	Tray
Package / Case	484-BGA	Operating Temperature	0°C ~ 85°C (TJ)
Number of I/O	267	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Flash Size	512KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 90K Logic Modules 512KB 64KB 166MHz 484-FPBGA (23x23)	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Base Part Number	M2S090
Architecture	MCU, FPGA		
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	Part#: M2S060TS-FGG676 Description: IC FPGA SOC 60K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FGG484 Description: IC FPGA SOC 90K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S060TS-VFG400I Description: IC FPGA SOC 60K LUTS	Manufacturers: Microsemi	RFQ
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	Part#: M2S090-1FGG484I Description: IC FPGA SOC 90K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
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	Part#: M2S060TS-VF400I Description: IC FPGA SOC 60K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FCSG325I Description: IC FPGA SOC 90K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FG676IX417 Description: IC FPGA SOC 90K LUTS 676FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S060TS-FGG676I Description: IC FPGA SOC 60K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FG676 Description: IC FPGA SOC 90K LUTS 676FBGA	Manufacturers: Microsemi	RFQ
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	Part#: M2S090-1FCSG325 Description: IC FPGA SOC 90K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FGG676 Description: IC FPGA SOC 90K LUTS 676FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FCS325I Description: IC FPGA SOC 90K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-FCS325 Description: IC FPGA SOC 90K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-FCS325I Description: IC FPGA SOC 90K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S090-1FG676I Description: IC FPGA SOC 90K LUTS 676FBGA	Manufacturers: Microsemi	RFQ

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