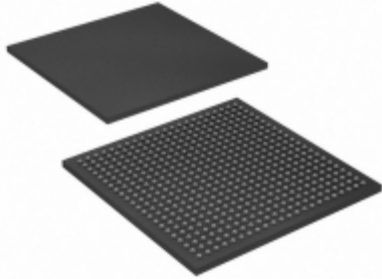


M2S005-1FG484I



Images are for reference only.
See Product Specifications for product details.
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Part Number: [M2S005-1FG484I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 5K LUTS 484FBGA

Data sheet:
[SmartFusion2 Pin Descriptions](#)
[IGL002 FPGA,SmartFusion2 Datasheet](#)
[SmartFusion2 Datasheet](#)
[SmartFusion2 SOC IGL002 FPGA Automotive Grade 2](#)
[SmartFusion2 Product Brief](#)

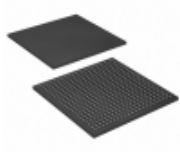
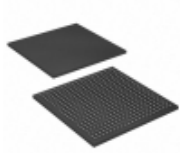
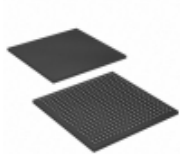
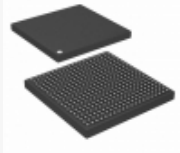
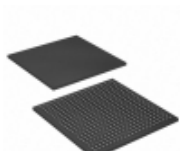
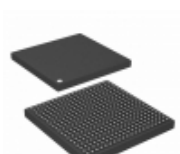
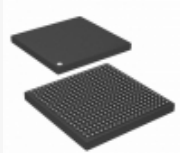
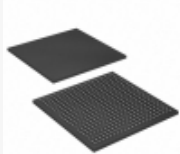
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	M2S005-1FG484I	Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS 484FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	3272 pcs	Data sheet	SmartFusion2 Pin Descriptions IGL002 FPGA,SmartFusion2 Datasheet SmartFusion2 Datasheet SmartFusion2 SOC IGL002 FPGA Automotive Grade 2 SmartFusion2 Product Brief
Category	Integrated Circuits (ICs)	Supplier Device Package	484-FPBGA (23x23)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 5K Logic Modules
Peripherals	DDR	Packaging	Tray
Package / Case	484-BGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	209	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Flash Size	128KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 484-FPBGA (23x23)	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Base Part Number	M2S005
Architecture	MCU, FPGA		
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	Part#: M2S005-1TQG144I Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S005-1VF256 Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
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	Part#: M2S005-1VF400I Description: IC FPGA SOC 5K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
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	Part#: M2S005-FG484I Description: IC FPGA SOC 5K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S005-1TQG144 Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S005-1VFG400I Description: IC FPGA SOC 5K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ

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