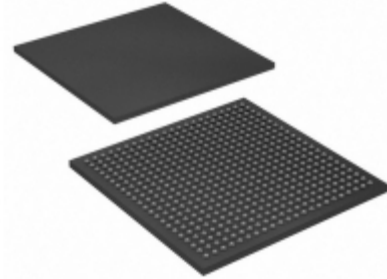


M2S025-FGG484



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



Part Number: [M2S025-FGG484](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 25K LUTS 484FBGA

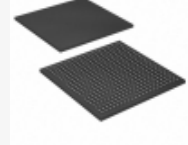
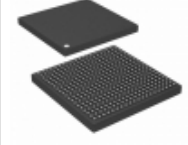
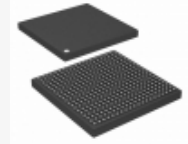
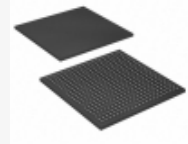
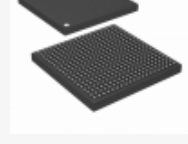
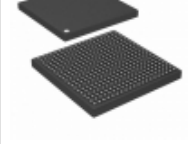
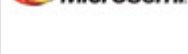
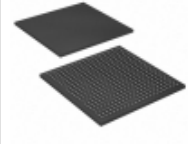
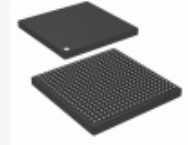
Data sheet:  [SmartFusion2 Pin Descriptions](#)
 [IGLOO2, SmartFusion2 FPGA Datasheet](#)
 [SmartFusion2 Product Brief](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	M2S025-FGG484	Manufacturer	Microsemi
Description	IC FPGA SOC 25K LUTS 484FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1653 pcs	Data sheet	SmartFusion2 Pin Descriptions IGLOO2, SmartFusion2 FPGA 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 - 25K Logic Modules
Peripherals	DDR, PCIe, SERDES	Packaging	Tray
Package / Case	484-BGA	Other Names	1100-1220 M2S025-FGG484-ND
Operating Temperature	0°C ~ 85°C (TJ)	Number of I/O	267
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	2 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Flash Size	256KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion@2 FPGA - 25K Logic Modules 256KB 64KB 166MHz 484-FPBGA (23x23)	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Base Part Number	M2S025
Architecture	MCU, FPGA		
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	Part#: M2S025-VFG256I Description: IC FPGA SOC 25K LUTS 256VFG	Manufacturers: Microsemi	RFQ
	Part#: M2S025-FG484 Description: IC FPGA SOC 25K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S025-VFG400 Description: IC FPGA SOC 25K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
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	Part#: M2S025-VF256 Description: IC FPGA SOC 25K LUTS 256VF	Manufacturers: Microsemi	RFQ
	Part#: M2S025S-1FG484I Description: IC FPGA SOC 25K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S025-FCS325 Description: IC FPGA SOC 25K LUTS	Manufacturers: Microsemi	RFQ
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	Part#: M2S025-1VFG400I Description: IC FPGA SOC 25K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S025-FCSG325 Description: IC FPGA SOC 25K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S025-VFG256 Description: IC FPGA SOC 25K LUTS 256VFG	Manufacturers: Microsemi	RFQ
	Part#: M2S025-FCS325I Description: IC FPGA SOC 25K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S025-FG484I Description: IC FPGA SOC 25K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S025-1VFG256 Description: IC FPGA SOC 25K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S025-FGG484I Description: IC FPGA SOC 25K LUT 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S025-VFG400I Description: IC FPGA SOC 25K LUT 400VFBGA	Manufacturers: Microsemi	RFQ

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