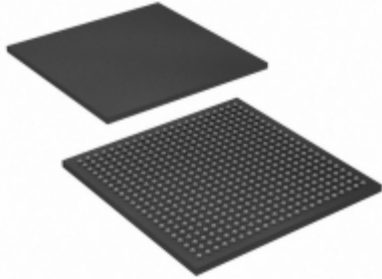


A2F500M3G-FGG484M



Images are for reference only.
See Product Specifications for product details.
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Part Number: A2F500M3G-FGG484M

Manufacturer: Microsemi

Description: IC FPGA 500K GATES 512KB 484FBGA

Data sheet:  [Military Grade SmartFusion \(cSoC\)](#)

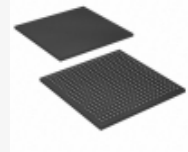
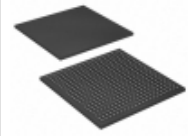
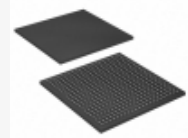
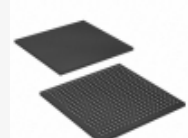
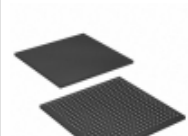
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER				
Part Number	A2F500M3G-FGG484M	Manufacturer	Microsemi	
Description	IC FPGA 500K GATES 512KB 484FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant	
Quantity Available	201 pcs	Data sheet	Military Grade SmartFusion (cSoC)	
Category	Integrated Circuits (ICs)	Supplier Device Package	484-FPBGA (23x23)	
Speed	80MHz	Series	SmartFusion®	
RAM Size	64KB	Primary Attributes	ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops	
Peripherals	DMA, POR, WDT	Packaging	Tray	
Package / Case	484-BGA	Operating Temperature	-55°C ~ 125°C (TJ)	
Number of I/O	MCU - 41, FPGA - 128	Moisture Sensitivity Level (MSL)	3 (168 Hours)	
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Flash Size	512KB	
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops 512KB 64KB 80MHz 484-FPBGA (23x23)		Core Processor	ARM® Cortex®-M3
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART		Base Part Number	A2F500M3G
Architecture	MCU, FPGA			
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	Part#: A2F500M3G-FGG256 Description: IC FPGA 512K FLASH 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1PQG208I Description: IC FPGA 500K GATES 512KB 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-FGG484 Description: IC FPGA 512K FLASH 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-PQ208I Description: IC FPGA 500K GATES 512KB 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-FGG484I Description: IC FPGA 500K GATES 512KB 484-BGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-FG256 Description: IC FPGA 500K GATES 512KB 256-BGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-CSG288 Description: IC FPGA 500K GATES 512KB 288-CSP	Manufacturers: Microsemi	RFQ
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	Part#: A2F500M3G-PQG208I Description: IC FPGA 500K GATES 512KB 208QFP	Manufacturers: Microsemi	RFQ
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	Part#: A2F500M3G-FG256M Description: IC FPGA 500K GATES 512KB 256FBGA	Manufacturers: Microsemi	RFQ
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