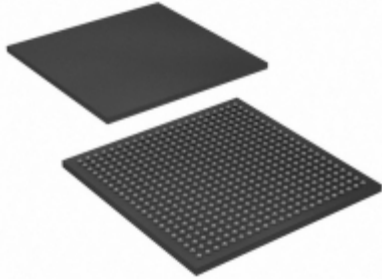


A2F500M3G-1FG484M





Part Number: [A2F500M3G-1FG484M](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 500K GATES 512KB 484FBGA

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

RoHs Status: Contains lead / RoHS non-compliant

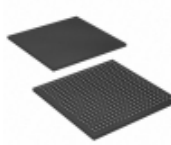
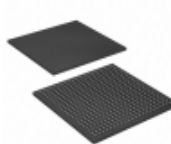
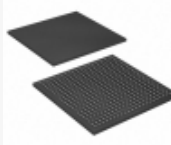
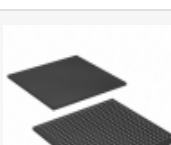
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	A2F500M3G-1FG484M	Manufacturer	Microsemi
Description	IC FPGA 500K GATES 512KB 484FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	133 pcs	Data sheet	Military Grade SmartFusion (cSoC)
Category	Integrated Circuits (ICs)	Supplier Device Package	484-FPBGA (23x23)
Speed	100MHz	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	Contains lead / RoHS non-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 100MHz 484-FPBGA (23x23)		
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART	Core Processor	ARM® Cortex®-M3
		Base Part Number	A2F500M3G
Architecture	MCU, FPGA		
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	Part#: A2F500M3G-1FGG256 Description: IC FPGA 512K FLASH 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1FG256I Description: IC FPGA 500K GATES 512KB 256-BGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1CSG288I Description: IC FPGA 500K GATES 512KB 288-CSP	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1FG256M Description: IC FPGA 500K GATES 512KB 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1FGG256M Description: IC FPGA 500K GATES 512KB 256FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1PQG208I Description: IC FPGA 500K GATES 512KB 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1FGG484M Description: IC FPGA 500K GATES 512KB 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1FGG484 Description: IC FPGA 512K FLASH 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1CS288 Description: IC FPGA 500K GATES 512KB 288-CSP	Manufacturers: Microsemi	RFQ

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