

A2F200M3F-1FG256I



Part Number: [A2F200M3F-1FG256I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 200K GATES 256KB 256-BGA

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

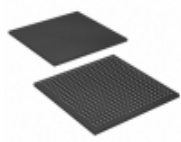
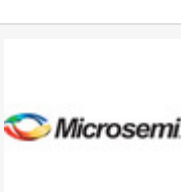
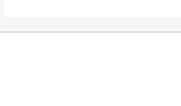
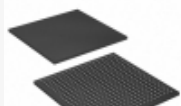
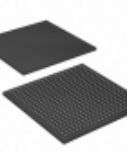
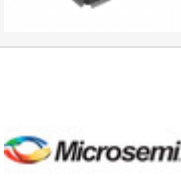
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Request For Quotation

PRODUCT PARAMETER			
Part Number	A2F200M3F-1FG256I	Manufacturer	Microsemi
Description	IC FPGA 200K GATES 256KB 256-BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5186 pcs	Data sheet	SmartFusion cSoC Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	256-FPBGA (17x17)
Speed	100MHz	Series	SmartFusion®
RAM Size	64KB	Primary Attributes	ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	256-LBGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	MCU - 25, FPGA - 66	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Flash Size	256KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops 256KB 64KB 100MHz 256-FPBGA (17x17)	Core Processor	ARM® Cortex®-M3
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART	Base Part Number	A2F200
Architecture	MCU, FPGA		
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	Part#: A2F200M3F-1FG484I Description: IC FPGA 200K GATES 256KB 484-BGA	Manufacturers: Microsemi	RFQ
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	Part#: A2F200M3F-1PQ208 Description: IC FPGA 200K GATES 256KB 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A2F200M3F-1FGG484I Description: IC FPGA 200K GATES 256KB 256-BGA	Manufacturers: Microsemi	RFQ
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	Part#: A2F200M3F-1CSG288I Description: IC FPGA 200K GATES 256KB 288-CSP	Manufacturers: Microsemi	RFQ
	Part#: A2F200M3F-1FGG484 Description: IC FPGA 256K FLASH 484FBGA	Manufacturers: Microsemi	RFQ

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