

A2F500M3G-1CS288I



Part Number: [A2F500M3G-1CS288I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 500K GATES 512KB 288-CSP

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

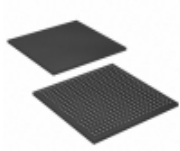
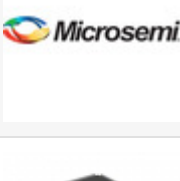
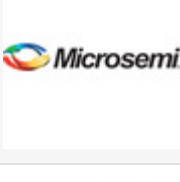
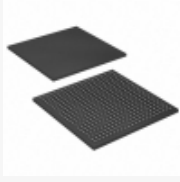
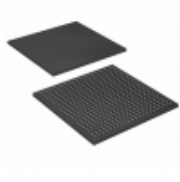
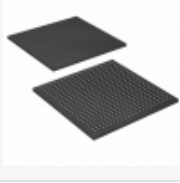
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Request For Quotation

PRODUCT PARAMETER			
Part Number	A2F500M3G-1CS288I	Manufacturer	Microsemi
Description	IC FPGA 500K GATES 512KB 288-CSP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4852 pcs	Data sheet	SmartFusion cSoC Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	288-CSP (11x11)
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	288-TFBGA, CSPBGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	MCU - 31, FPGA - 78	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 288-CSP (11x11)		
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART	Core Processor	ARM® Cortex®-M3
Architecture	MCU, FPGA	Base Part Number	A2F500M3G
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	Part#: A2F500M3G-1FG484 Description: IC FPGA 500K GATES 512KB 484-BGA	Manufacturers: Microsemi	RFQ
	Part#: A2F200M3F-FGG256I Description: IC FPGA 200K GATES 256KB 256-BGA	Manufacturers: Microsemi	RFQ
	Part#: A2F200M3F-PQ208 Description: IC FPGA 200K GATES 256KB 208QFP	Manufacturers: Microsemi	RFQ
	Part#: A2F500M3G-1CS288 Description: IC FPGA 500K GATES 512KB 288-CSP	Manufacturers: Microsemi	RFQ
	Part#: A2F200M3F-PQG208 Description: IC FPGA 256K FLASH 208QFP	Manufacturers: Microsemi	RFQ
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	Part#: A2F500M3G-1FG484I Description: IC FPGA 500K GATES 512KB 484-BGA	Manufacturers: Microsemi	RFQ
	Part#: A2F200M3F-FGG256 Description: IC FPGA 256K FLASH 256FBGA	Manufacturers: Microsemi	RFQ

Related keywords for **A2F500M3G-1CS288I**

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