

A2F500M3G-FGG484I





Part Number: [A2F500M3G-FGG484I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 500K GATES 512KB 484-BGA

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

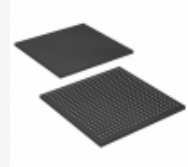
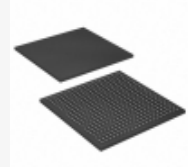
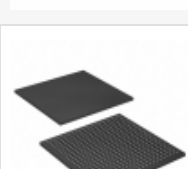
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PRODUCT PARAMETER			
Part Number	A2F500M3G-FGG484I	Manufacturer	Microsemi
Description	IC FPGA 500K GATES 512KB 484-BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1599 pcs	Data sheet	SmartFusion cSoC Datasheet
Category	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	Other Names	1100-1234 A2F500M3G-FGG484I-ND
Operating Temperature	-40°C ~ 100°C (TJ)	Number of I/O	MCU - 41, FPGA - 128
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
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)		
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART	Core Processor	ARM® Cortex®-M3
Architecture	MCU, FPGA	Base Part Number	A2F500M3G
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