

A2F500M3G-1FGG256



Part Number: [A2F500M3G-1FGG256](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 512K FLASH 256FBGA

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

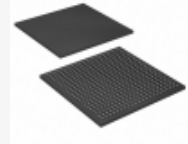
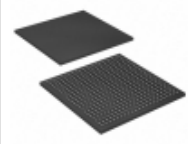
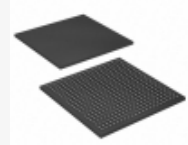
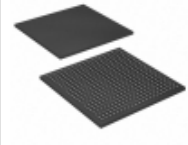
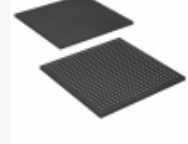
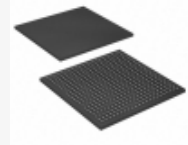
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PRODUCT PARAMETER			
Part Number	A2F500M3G-1FGG256	Manufacturer	Microsemi
Description	IC FPGA 512K FLASH 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4402 pcs	Data sheet	SmartFusion cSoC Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	256-FBGA (17x17)
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	256-LBGA	Other Names	1100-1007 A2F500M3G1FGG256
Operating Temperature	0°C ~ 85°C (TJ)	Number of I/O	MCU - 25, FPGA - 66
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 100MHz 256-FBGA (17x17)
Core Processor	ARM® Cortex®-M3	Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART
Base Part Number	A2F500M3G	Architecture	MCU, FPGA

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