

A2F060M3E-1FGG256M



Part Number: [A2F060M3E-1FGG256M](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 60K GATES 128KB 256FBGA

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

RoHs Status: Lead free / RoHS Compliant

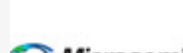
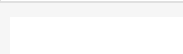
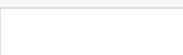
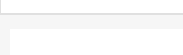
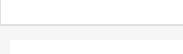
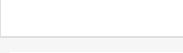
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Request For Quotation

PRODUCT PARAMETER			
Part Number	A2F060M3E-1FGG256M	Manufacturer	Microsemi
Description	IC FPGA 60K GATES 128KB 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4198 pcs	Data sheet	Military Grade SmartFusion (cSoC)
Category	Integrated Circuits (ICs)	Supplier Device Package	256-FBGA (17x17)
Speed	100MHz	Series	SmartFusion®
RAM Size	16KB	Primary Attributes	ProASIC®3 FPGA, 60K Gates, 1536D-Flip-Flops
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	256-LBGA	Operating Temperature	-55°C ~ 125°C (TJ)
Number of I/O	MCU - 26, FPGA - 66	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Flash Size	128KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 60K Gates, 1536D-Flip-Flops 128KB 16KB 100MHz 256-FBGA (17x17)	Core Processor	ARM® Cortex®-M3
Connectivity	EBI/EMI, I²C, SPI, UART/USART	Base Part Number	A2F060M3E
Architecture	MCU, FPGA		
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