

A2F060M3E-1TQ144



Part Number: [A2F060M3E-1TQ144](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 60K GATES 128KB 144-TQFP

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

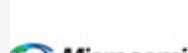
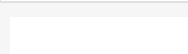
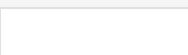
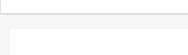
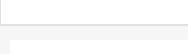
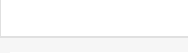
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PRODUCT PARAMETER			
Part Number	A2F060M3E-1TQ144	Manufacturer	Microsemi
Description	IC FPGA 60K GATES 128KB 144-TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4045 pcs	Data sheet	SmartFusion cSoC Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	144-TQFP (20x20)
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	144-LQFP	Operating Temperature	0°C ~ 85°C (TJ)
Number of I/O	MCU - 21, FPGA - 33	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-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 144-TQFP (20x20)	Core Processor	ARM® Cortex®-M3
Connectivity	EBI/EMI, I²C, SPI, UART/USART	Base Part Number	A2F060M3E
Architecture	MCU, FPGA		
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	Part#: A2F060M3E-1TQG144I Description: IC FPGA 60K GATES 128KB 144-TQFP	Manufacturers: Microsemi	RFQ
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	Part#: A2F060M3E-CS288 Description: IC FPGA 60K GATES 128KB 288-CSP	Manufacturers: Microsemi	RFQ
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	Part#: A2F060M3E-1FG256M Description: IC FPGA 60K GATES 128KB 256FBGA	Manufacturers: Microsemi	RFQ
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