

A2F200M3F-1CS288



Part Number: [A2F200M3F-1CS288](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 200K GATES 256KB 288-CSP

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

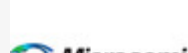
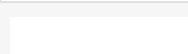
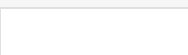
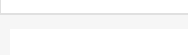
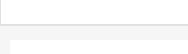
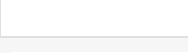
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PRODUCT PARAMETER			
Part Number	A2F200M3F-1CS288	Manufacturer	Microsemi
Description	IC FPGA 200K GATES 256KB 288-CSP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	2681 pcs	Data sheet	SmartFusion cSoC Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	288-CSP (11x11)
Speed	100MHz	Series	SmartFusion®
RAM Size	64KB	Primary Attributes	ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	288-TFBGA, CSPBGA	Operating Temperature	0°C ~ 85°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	256KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops 256KB 64KB 100MHz 288-CSP (11x11)		
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART	Core Processor	ARM® Cortex®-M3
Architecture	MCU, FPGA	Base Part Number	A2F200
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