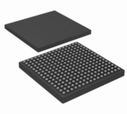
A2F200M3F-FGG256I



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Microsemi

Part Number: A2F200M3F-FGG256I
Manufacturer Microsemi
Description IC FPGA 200K GATES 256KB 256-BGA
Data sheet: SmartFusion cSoC Datasheet

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

Part Number	A2F200M3F-FGG256I
Manufacturer	Microsemi
Description	IC FPGA 200K GATES 256KB 256-BGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3351 pcs
Product Photo	A2F200M3F-FGG256I.jpg
Category	Integrated Circuits (ICs)
Supplier Device Package	256-FBGA (17x17)
Speed	80MHz
Series	SmartFusion®
RAM Size	64KB
Primary Attributes	ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops
Peripherals	DMA, POR, WDT
Packaging	Tray
Package / Case	256-LBGA
Other Names	1100-1233 A2F200M3F-FGG256I-ND
Operating Temperature	-40°C ~ 100°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	256KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops 256KB 64KB 80MHz 256-FBGA (17x17)
Core Processor	ARM® Cortex®-M3
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART
Base Part Number	A2F200
Architecture	MCU, FPGA

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