



Microsemi



A2F200M3F-1FG256I

Part Number:	A2F200M3F-1FG256I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA 200K GATES 256KB 256-BGA
Datasheets:	 A2F200M3F-1FG256I.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	4458 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of A2F200M3F-1FG256I

PART NUMBER	A2F200M3F-1FG256I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA 200K GATES 256KB 256-BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4458 pcs
DATA SHEET	 A2F200M3F-1FG256I.pdf
SUPPLIER DEVICE PACKAGE	256-FPBGA (17x17)
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	256-LBGA
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	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 256-FPBGA (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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