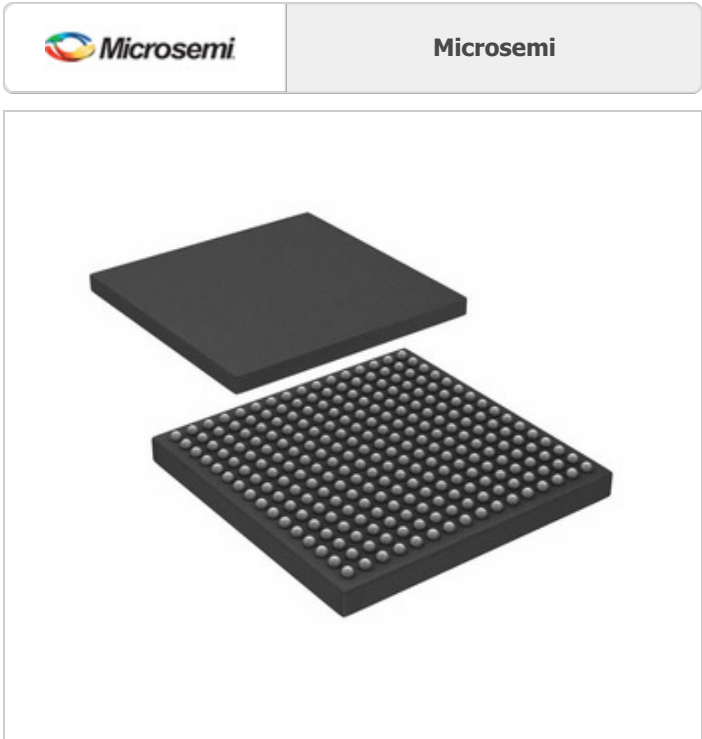




A2F500M3G-1FG256

Part Number:	A2F500M3G-1FG256
Manufacturer/Brand:	Microsemi
Product description	IC FPGA 500K GATES 512KB 256-BGA
Datasheets:	 A2F500M3G-1FG256.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

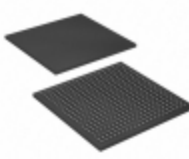
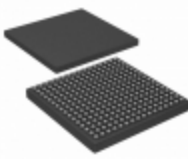
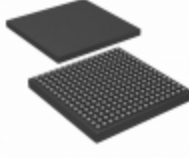
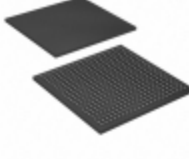
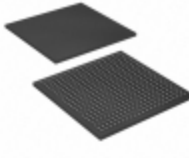
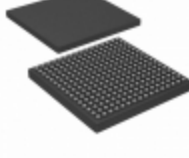
Specifications of A2F500M3G-1FG256

PART NUMBER	A2F500M3G-1FG256
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA 500K GATES 512KB 256-BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 A2F500M3G-1FG256.pdf
SUPPLIER DEVICE PACKAGE	256-FPBGA (17x17)
SPEED	100MHz
SERIES	SmartFusion®
RAM SIZE	64KB
PRIMARY ATTRIBUTES	ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	256-LBGA
OPERATING TEMPERATURE	0°C ~ 85°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	512KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops 512KB 64KB 100MHz 256-FPBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, Ethernet, I²C, SPI, UART/USART
BASE PART NUMBER	A2F500M3G
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi A2F500M3G-1FG256	A2F500M3G-1FG256 Distributor	A2F500M3G-1FG256 Supplier
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Microsemi Power Products Group A2F500M3G-1FG256	Microsemi SoC A2F500M3G-1FG256	Microsemi Commercial Components Group A2F500M3G-1FG256
Microsemi Corporation A2F500M3G-1FG256	Microsemi Solutions Sdn Bhd. A2F500M3G-1FG256	

Related Products

 A2F500M3G-1FG484I Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 484-BGA In stock: Out stock RFQ	 A2F500M3G-1FGG256 Manufacturers: Microsemi Description: IC FPGA 512K FLASH 256FBGA In stock: Out stock RFQ
 A2F500M3G-1FG256M Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 256FBGA In stock: Out stock RFQ	 A2F500-DEV-KIT-2 Manufacturers: Microsemi Description: KIT DEV SMARTFUSION A2F500 In stock: 9 pcs RFQ
 A2F500M3G-1FG484 Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 484-BGA In stock: Out stock RFQ	 A2F500M3G-1CS288I Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 288-CSP In stock: Out stock RFQ
 A2F500M3G-1CS288 Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 288-CSP In stock: Out stock RFQ	 A2F200M3F-PQG208I Manufacturers: Microsemi Description: IC FPGA 200K GATES 256KB 208QFP In stock: Out stock RFQ
 A2F500M3G-1FG484M Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 484FBGA In stock: Out stock RFQ	 A2F500M3G-1CSG288 Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 288-CSP In stock: Out stock RFQ
 A2F500M3G-1FG256I Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 256-BGA In stock: Out stock RFQ	 A2F500M3G-1CSG288I Manufacturers: Microsemi Description: IC FPGA 500K GATES 512KB 288-CSP In stock: Out stock RFQ