



A2F500M3G-PQ208I

Part Number:	A2F500M3G-PQ208I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA 500K GATES 512KB 208QFP
Datasheets:	 A2F500M3G-PQ208I.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

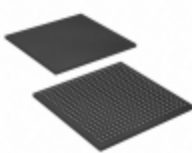
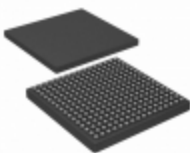
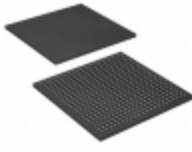
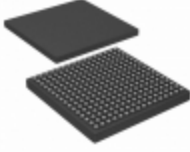
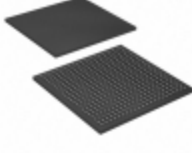
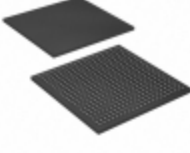
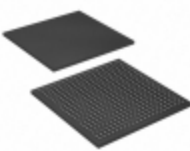
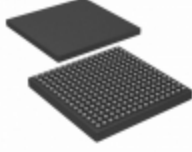
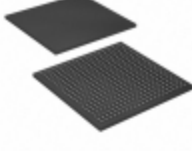
Specifications of A2F500M3G-PQ208I

PART NUMBER	A2F500M3G-PQ208I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA 500K GATES 512KB 208QFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 A2F500M3G-PQ208I.pdf
SUPPLIER DEVICE PACKAGE	208-PQFP (28x28)
SPEED	80MHz
SERIES	SmartFusion®
RAM SIZE	64KB
PRIMARY ATTRIBUTES	ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	208-BFQFP
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	MCU - 22, 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 80MHz 208-PQFP (28x28)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	Ethernet, I²C, SPI, UART/USART
BASE PART NUMBER	A2F500M3G
ARCHITECTURE	MCU, FPGA

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