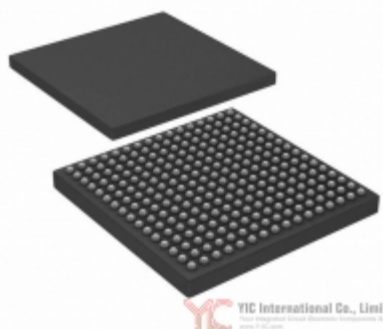



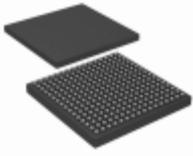
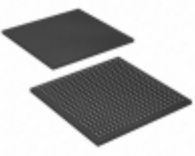
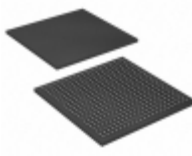
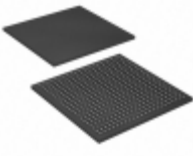
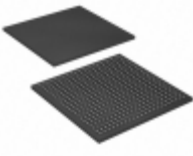
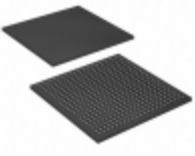
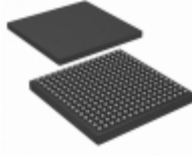
	<b>A2F500M3G-1FGG256I</b>
	<b>Manufacturer Part Number:</b> <a href="#">A2F500M3G-1FGG256I</a>
	<b>Manufacturer/Brand:</b> <a href="#">Microsemi</a>
	<b>Part of Description:</b> IC FPGA 500K GATES 512KB 256-BGA
<b>Datasheets:</b>  <a href="#">A2F500M3G-1FGG256I.pdf</a>	<b>RoHs Status:</b>  Lead free / RoHS
<b>Stock Condition:</b> Compliant New original, Stock Available.	<b>Ship From:</b> Hong Kong
<b>Image may be representation. See specs for product details.</b>	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	<a href="#">A2F500M3G-1FGG256I</a>
Manufacturer	<a href="#">Microsemi</a>
Description	IC FPGA 500K GATES 512KB 256-BGA
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - System On Chip</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	SmartFusion®
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	256-LBGA
Supplier Device Package	256-FBGA (17x17)
Peripherals	DMA, POR, WDT
Primary Attributes	ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops
Core Processor	ARM® Cortex®-M3
Speed	100MHz
Architecture	MCU, FPGA
Number of I/O	MCU - 25, FPGA - 66
Connectivity	EBI/EMI, Ethernet, I²C, SPI, UART/USART
MCU Flash	512KB
MCU RAM	64KB
Packaging	Tray



















































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 <b>A2F500M3G-1FG484M</b> Microsemi IC FPGA 500K GATES 512KB 484FBGA	 <b>A2F500M3G-1FG484I</b> Microsemi IC FPGA 500K GATES 512KB 484- BGA	 <b>A2F500M3G-1FGG484I</b> Microsemi IC FPGA 500K GATES 512KB 484- BGA	 <b>A2F500M3G-1FGG256M</b> Microsemi IC FPGA 500K GATES 512KB 256FBGA

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|  CB0005H02              |  CM316X5R476M06AT  |  D DMC3032LSD-13-F |  DS1086HU-C02+T   |  EA61FC4G-TE16F2    |
|  ELM33415CA-S           |  ESDZV5-1BF4       |  HSMP-386F-TR1     |  INA193AMDBVREP   |  IP-2N4-EU          |
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