



Microsemi



Image may be representation. See specifications for product details.

A2F500M3G-FGG256

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A2F500M3G-FGG256                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                              |
| Product description | IC FPGA 512K FLASH 256FBGA                                                                                             |
| Datasheets:         |  <a href="#">A2F500M3G-FGG256.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 5904 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of A2F500M3G-FGG256

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A2F500M3G-FGG256                                                                                                                      |
| MANUFACTURER                     | Microsemi                                                                                                                             |
| DESCRIPTION                      | IC FPGA 512K FLASH 256FBGA                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                            |
| QUANTITY AVAILABLE               | 5904 pcs                                                                                                                              |
| DATA SHEET                       |  <a href="#">A2F500M3G-FGG256.pdf</a>              |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                      |
| 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                   | 256-LBGA                                                                                                                              |
| OTHER NAMES                      | 1100-1009<br>A2F500M3GFGG256                                                                                                          |
| 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   | Lead free / RoHS 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 256-FBGA (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-FGG256                                | A2F500M3G-FGG256 Distributor                         | A2F500M3G-FGG256 Supplier                                  |
| A2F500M3G-FGG256 Price                                    | A2F500M3G-FGG256 Pictures                            | A2F500M3G-FGG256 Image                                     |
| A2F500M3G-FGG256 PDF Datasheet                            | A2F500M3G-FGG256 Download Datasheet                  | A2F500M3G-FGG256 Datasheet                                 |
| A2F500M3G-FGG256 Stock                                    | Buy A2F500M3G-FGG256                                 | Buy Microsemi A2F500M3G-FGG256                             |
| Microsemi A2F500M3G-FGG256                                | Microsemi Supplier                                   | Microsemi Distributor                                      |
| Microsemi A2F500M3G-FGG256                                | Microsemi Analog Mixed Signal Group A2F500M3G-FGG256 | Microsemi Analog Mixed Signal Group [MIL] A2F500M3G-FGG256 |
| Microsemi Consumer Medical Product Group A2F500M3G-FGG256 | Microsemi HI-REL [MIL] A2F500M3G-FGG256              | Microsemi Power Management Group A2F500M3G-FGG256          |
| Microsemi Power Products Group A2F500M3G-FGG256           | Microsemi SoC A2F500M3G-FGG256                       | Microsemi Commercial Components Group A2F500M3G-FGG256     |
| Microsemi Corporation A2F500M3G-FGG256                    | Microsemi Solutions Sdn Bhd. A2F500M3G-FGG256        |                                                            |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>A2F500M3G-FGG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484FBGA<br/>In stock: 188 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F500M3G-FG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484FBGA<br/>In stock: 192 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F500M3G-FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 512K FLASH 484FBGA<br/>In stock: 1377 pcs</div> <div>RFQ</div>        | <div></div> <div><b>A2F500M3G-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484-BGA<br/>In stock: 1158 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>A2F500M3G-PQ208</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 208QFP<br/>In stock: 4822 pcs</div> <div>RFQ</div>    | <div></div> <div><b>A2F500M3G-FG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256-BGA<br/>In stock: 6686 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F500M3G-FG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256FBGA<br/>In stock: 2852 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F500M3G-FG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256-BGA<br/>In stock: 2326 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F500M3G-FGG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256-BGA<br/>In stock: 2830 pcs</div> <div>RFQ</div> | <div></div> <div><b>A2F500M3G-FG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484-BGA<br/>In stock: 1873 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F500M3G-FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484-BGA<br/>In stock: 1355 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F500M3G-FGG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256FBGA<br/>In stock: 5939 pcs</div> <div>RFQ</div> |