



Microsemi



Image may be representation. See specifications for product details.

A2F500M3G-1FGG484I

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A2F500M3G-1FGG484I                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                                |
| Product description | IC FPGA 500K GATES 512KB 484-BGA                                                                                         |
| Datasheets:         |  <a href="#">A2F500M3G-1FGG484I.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 1404 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

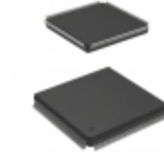
Specifications of A2F500M3G-1FGG484I

|                                  |                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A2F500M3G-1FGG484I                                                                                                                      |
| MANUFACTURER                     | Microsemi                                                                                                                               |
| DESCRIPTION                      | IC FPGA 500K GATES 512KB 484-BGA                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                              |
| QUANTITY AVAILABLE               | 1404 pcs                                                                                                                                |
| DATA SHEET                       |  <a href="#">A2F500M3G-1FGG484I.pdf</a>              |
| SUPPLIER DEVICE PACKAGE          | 484-FPBGA (23x23)                                                                                                                       |
| 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                   | 484-BGA                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                      |
| NUMBER OF I/O                    | MCU - 41, FPGA - 128                                                                                                                    |
| 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 100MHz 484-FPBGA (23x23) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                         |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, SPI, UART/USART                                                                                                 |
| BASE PART NUMBER                 | A2F500M3G                                                                                                                               |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                               |

Related Tags

|                                                             |                                                        |                                                              |
|-------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------|
| Microsemi A2F500M3G-1FGG484I                                | A2F500M3G-1FGG484I Distributor                         | A2F500M3G-1FGG484I Supplier                                  |
| A2F500M3G-1FGG484I Price                                    | A2F500M3G-1FGG484I Pictures                            | A2F500M3G-1FGG484I Image                                     |
| A2F500M3G-1FGG484I PDF Datasheet                            | A2F500M3G-1FGG484I Download Datasheet                  | A2F500M3G-1FGG484I Datasheet                                 |
| A2F500M3G-1FGG484I Stock                                    | Buy A2F500M3G-1FGG484I                                 | Buy Microsemi A2F500M3G-1FGG484I                             |
| Microsemi A2F500M3G-1FGG484I                                | Microsemi Supplier                                     | Microsemi Distributor                                        |
| Microsemi A2F500M3G-1FGG484I                                | Microsemi Analog Mixed Signal Group A2F500M3G-1FGG484I | Microsemi Analog Mixed Signal Group [MIL] A2F500M3G-1FGG484I |
| Microsemi Consumer Medical Product Group A2F500M3G-1FGG484I | Microsemi HI-REL [MIL] A2F500M3G-1FGG484I              | Microsemi Power Management Group A2F500M3G-1FGG484I          |
| Microsemi Power Products Group A2F500M3G-1FGG484I           | Microsemi SoC A2F500M3G-1FGG484I                       | Microsemi Commercial Components Group A2F500M3G-1FGG484I     |
| Microsemi Corporation A2F500M3G-1FGG484I                    | Microsemi Solutions Sdn Bhd. A2F500M3G-1FGG484I        |                                                              |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>A2F500M3G-1FGG484</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 512K FLASH 484FBGA<br/>In stock: 1510 pcs</div> <div>RFQ</div>        | <div></div> <div><b>A2F500M3G-1PQ208</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 208QFP<br/>In stock: 3146 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>A2F500M3G-1PQ208I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 208QFP<br/>In stock: 5113 pcs</div> <div>RFQ</div>   | <div></div> <div><b>A2F500M3G-1FG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484FBGA<br/>In stock: 130 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F500M3G-1FGG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256FBGA<br/>In stock: 141 pcs</div> <div>RFQ</div>  | <div></div> <div><b>A2F500M3G-1PQG208</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 208QFP<br/>In stock: 5183 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F500M3G-1FGG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256-BGA<br/>In stock: 6946 pcs</div> <div>RFQ</div> | <div></div> <div><b>A2F500M3G-1FG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484-BGA<br/>In stock: 1382 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>A2F500M3G-CS288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 2450 pcs</div> <div>RFQ</div>    | <div></div> <div><b>A2F500M3G-1FGG484M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484FBGA<br/>In stock: 143 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>A2F500M3G-1FGG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 512K FLASH 256FBGA<br/>In stock: 3443 pcs</div> <div>RFQ</div>        | <div></div> <div><b>A2F500M3G-1PQG208I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 208QFP<br/>In stock: 4227 pcs</div> <div>RFQ</div> |