



A2F500M3G-1PQG208

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|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A2F500M3G-1PQG208                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                               |
| Product description | IC FPGA 500K GATES 512KB 208QFP                                                                                         |
| Datasheets:         |  <a href="#">A2F500M3G-1PQG208.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 5183 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Specifications of A2F500M3G-1PQG208

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A2F500M3G-1PQG208                                                                                                                      |
| MANUFACTURER                     | Microsemi                                                                                                                              |
| DESCRIPTION                      | IC FPGA 500K GATES 512KB 208QFP                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| QUANTITY AVAILABLE               | 5183 pcs                                                                                                                               |
| DATA SHEET                       |  <a href="#">A2F500M3G-1PQG208.pdf</a>              |
| SUPPLIER DEVICE PACKAGE          | 208-PQFP (28x28)                                                                                                                       |
| 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                   | 208-BFQFP                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                        |
| NUMBER OF I/O                    | MCU - 22, 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 100MHz 208-PQFP (28x28) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                        |
| CONNECTIVITY                     | Ethernet, I²C, SPI, UART/USART                                                                                                         |
| BASE PART NUMBER                 | A2F500M3G                                                                                                                              |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                              |

Related Tags

|                                                            |                                                       |                                                             |
|------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|
| Microsemi A2F500M3G-1PQG208                                | A2F500M3G-1PQG208 Distributor                         | A2F500M3G-1PQG208 Supplier                                  |
| A2F500M3G-1PQG208 Price                                    | A2F500M3G-1PQG208 Pictures                            | A2F500M3G-1PQG208 Image                                     |
| A2F500M3G-1PQG208 PDF Datasheet                            | A2F500M3G-1PQG208 Download Datasheet                  | A2F500M3G-1PQG208 Datasheet                                 |
| A2F500M3G-1PQG208 Stock                                    | Buy A2F500M3G-1PQG208                                 | Buy Microsemi A2F500M3G-1PQG208                             |
| Microsemi A2F500M3G-1PQG208                                | Microsemi Supplier                                    | Microsemi Distributor                                       |
| Microsemi A2F500M3G-1PQG208                                | Microsemi Analog Mixed Signal Group A2F500M3G-1PQG208 | Microsemi Analog Mixed Signal Group [MIL] A2F500M3G-1PQG208 |
| Microsemi Consumer Medical Product Group A2F500M3G-1PQG208 | Microsemi HI-REL [MIL] A2F500M3G-1PQG208              | Microsemi Power Management Group A2F500M3G-1PQG208          |
| Microsemi Power Products Group A2F500M3G-1PQG208           | Microsemi SoC A2F500M3G-1PQG208                       | Microsemi Commercial Components Group A2F500M3G-1PQG208     |
| Microsemi Corporation A2F500M3G-1PQG208                    | Microsemi Solutions Sdn Bhd. A2F500M3G-1PQG208        |                                                             |

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-1PQG208I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 208QFP<br/>In stock: 4227 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>A2F500M3G-CSG288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 4406 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-1FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 484-BGA<br/>In stock: 1404 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-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-CSG288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 5754 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>A2F500M3G-CS288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 2021 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-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-CS288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 2450 pcs</div> <div>RFQ</div>   |