



Microsemi



Image may be representation. See specifications for product details.

A2F500M3G-1CS288

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | A2F500M3G-1CS288                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                              |
| Product description | IC FPGA 500K GATES 512KB 288-CSP                                                                                       |
| Datasheets:         |  <a href="#">A2F500M3G-1CS288.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant   |
| Stock Condition     | 1649 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of A2F500M3G-1CS288

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A2F500M3G-1CS288                                                                                                                      |
| MANUFACTURER                     | Microsemi                                                                                                                             |
| DESCRIPTION                      | IC FPGA 500K GATES 512KB 288-CSP                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                    |
| QUANTITY AVAILABLE               | 1649 pcs                                                                                                                              |
| DATA SHEET                       |  <a href="#">A2F500M3G-1CS288.pdf</a>              |
| SUPPLIER DEVICE PACKAGE          | 288-CSP (11x11)                                                                                                                       |
| 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                   | 288-TFBGA, CSPBGA                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                       |
| NUMBER OF I/O                    | MCU - 31, FPGA - 78                                                                                                                   |
| 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 100MHz 288-CSP (11x11) |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                       |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, SPI, UART/USART                                                                                               |
| BASE PART NUMBER                 | A2F500M3G                                                                                                                             |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                             |

Related Tags

|                                                           |                                                      |                                                            |
|-----------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------|
| Microsemi A2F500M3G-1CS288                                | A2F500M3G-1CS288 Distributor                         | A2F500M3G-1CS288 Supplier                                  |
| A2F500M3G-1CS288 Price                                    | A2F500M3G-1CS288 Pictures                            | A2F500M3G-1CS288 Image                                     |
| A2F500M3G-1CS288 PDF Datasheet                            | A2F500M3G-1CS288 Download Datasheet                  | A2F500M3G-1CS288 Datasheet                                 |
| A2F500M3G-1CS288 Stock                                    | Buy A2F500M3G-1CS288                                 | Buy Microsemi A2F500M3G-1CS288                             |
| Microsemi A2F500M3G-1CS288                                | Microsemi Supplier                                   | Microsemi Distributor                                      |
| Microsemi A2F500M3G-1CS288                                | Microsemi Analog Mixed Signal Group A2F500M3G-1CS288 | Microsemi Analog Mixed Signal Group [MIL] A2F500M3G-1CS288 |
| Microsemi Consumer Medical Product Group A2F500M3G-1CS288 | Microsemi HI-REL [MIL] A2F500M3G-1CS288              | Microsemi Power Management Group A2F500M3G-1CS288          |
| Microsemi Power Products Group A2F500M3G-1CS288           | Microsemi SoC A2F500M3G-1CS288                       | Microsemi Commercial Components Group A2F500M3G-1CS288     |
| Microsemi Corporation A2F500M3G-1CS288                    | Microsemi Solutions Sdn Bhd. A2F500M3G-1CS288        |                                                            |

Related Products

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|  <div><b>A2F200M3F-PQG208I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 208QFP<br/>In stock: 6835 pcs<br/><div>RFQ</div></div>   |  <div><b>A2F200M3F-PQ208</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 208QFP<br/>In stock: 3546 pcs<br/><div>RFQ</div></div>    |
|  <div><b>A2F500M3G-1FG256M</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256FBGA<br/>In stock: 6553 pcs<br/><div>RFQ</div></div>  |  <div><b>A2F200M3F-FGG484I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 256-BGA<br/>In stock: 6967 pcs<br/><div>RFQ</div></div> |
|  <div><b>A2F500-DEV-KIT-2</b><br/>Manufacturers: Microsemi<br/>Description: KIT DEV SMARTFUSION A2F500<br/>In stock: 81 pcs<br/><div>RFQ</div></div>           |  <div><b>A2F500M3G-1CSG288</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 1780 pcs<br/><div>RFQ</div></div> |
|  <div><b>A2F200M3F-PQ208I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 200K GATES 256KB 208QFP<br/>In stock: 6637 pcs<br/><div>RFQ</div></div>    |  <div><b>A2F500M3G-1FG256</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256-BGA<br/>In stock: 1771 pcs<br/><div>RFQ</div></div>  |
|  <div><b>A2F500M3G-1CSG288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 3390 pcs<br/><div>RFQ</div></div> |  <div><b>A2F500M3G-1FG256I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 256-BGA<br/>In stock: 3642 pcs<br/><div>RFQ</div></div> |
|  <div><b>A2F200M3F-PQG208</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 256K FLASH 208QFP<br/>In stock: 4825 pcs<br/><div>RFQ</div></div>          |  <div><b>A2F500M3G-1CS288I</b><br/>Manufacturers: Microsemi<br/>Description: IC FPGA 500K GATES 512KB 288-CSP<br/>In stock: 3413 pcs<br/><div>RFQ</div></div> |