

A2F500M3G-CSG288I



Part Number: [A2F500M3G-CSG288I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA 500K GATES 512KB 288-CSP

Data sheet:  [SmartFusion cSoC Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

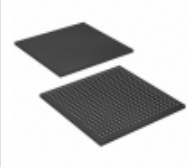
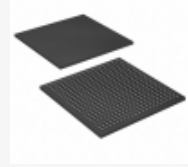
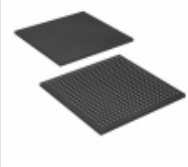
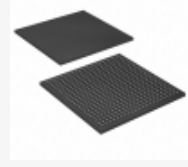
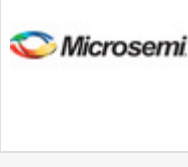
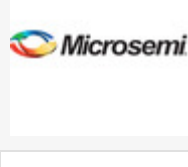
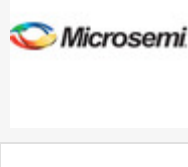
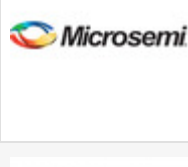
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy **A2F500M3G-CSG288I** with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                      |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | A2F500M3G-CSG288I                                                                                                                    | Manufacturer                     | <a href="#">Microsemi</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FPGA 500K GATES 512KB 288-CSP                                                                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 4576 pcs                                                                                                                             | Data sheet                       | <a href="#">SmartFusion cSoC Datasheet</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                                                            | Supplier Device Package          | 288-CSP (11x11)                                |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                   | 288-TFBGA, CSPBGA                                                                                                                    | Operating Temperature            | -40°C ~ 100°C (TJ)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                    | MCU - 31, FPGA - 78                                                                                                                  | 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 288-CSP (11x11) |                                  |                                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                     | EBI/EMI, Ethernet, I²C, SPI, UART/USART                                                                                              | Core Processor                   | ARM® Cortex®-M3                                |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                     | MCU, FPGA                                                                                                                            | Base Part Number                 | A2F500M3G                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 4576 pieces of Microsemi A2F500M3G-CSG288I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                                      |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                                                                            |                                          |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------|----------------|
|  | Part#: <a href="#">A2F500M3G-FGG484</a><br>Description: IC FPGA 512K FLASH 484FBGA         | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1FGG484M</a><br>Description: IC FPGA 500K GATES 512KB 484FBGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FG484</a><br>Description: IC FPGA 500K GATES 512KB 484-BGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FG484M</a><br>Description: IC FPGA 500K GATES 512KB 484FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1PQG208</a><br>Description: IC FPGA 500K GATES 512KB 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FG256M</a><br>Description: IC FPGA 500K GATES 512KB 256FBGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-CS288</a><br>Description: IC FPGA 500K GATES 512KB 288-CSP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-CS288I</a><br>Description: IC FPGA 500K GATES 512KB 288-CSP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FGG256</a><br>Description: IC FPGA 512K FLASH 256FBGA         | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-CSG288</a><br>Description: IC FPGA 500K GATES 512KB 288-CSP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FG256I</a><br>Description: IC FPGA 500K GATES 512KB 256-BGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1PQG208I</a><br>Description: IC FPGA 500K GATES 512KB 208QFP  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1FGG484I</a><br>Description: IC FPGA 500K GATES 512KB 484-BGA | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FGG256I</a><br>Description: IC FPGA 500K GATES 512KB 256-BGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FGG256M</a><br>Description: IC FPGA 500K GATES 512KB 256FBGA  | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1PQ208I</a><br>Description: IC FPGA 500K GATES 512KB 208QFP   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1PQ208</a><br>Description: IC FPGA 500K GATES 512KB 208QFP    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FG484I</a><br>Description: IC FPGA 500K GATES 512KB 484-BGA   | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-1FGG484</a><br>Description: IC FPGA 512K FLASH 484FBGA        | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A2F500M3G-FG256</a><br>Description: IC FPGA 500K GATES 512KB 256-BGA    | Manufacturers: <a href="#">Microsemi</a> | <div>RFQ</div> |

Related keywords for **A2F500M3G-CSG288I**

|                                          |                                                       |                                                             |                                                            |
|------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| Microsemi A2F500M3G-CSG288I              | A2F500M3G-CSG288I distributor                         | A2F500M3G-CSG288I supplier                                  | A2F500M3G-CSG288I price                                    |
| A2F500M3G-CSG288I download datasheet     | A2F500M3G-CSG288I datasheet                           | A2F500M3G-CSG288I stock                                     | buy A2F500M3G-CSG288I                                      |
| Microsemi A2F500M3G-CSG288I              | Microsemi Analog Mixed Signal Group A2F500M3G-CSG288I | Microsemi Analog Mixed Signal Group [MIL] A2F500M3G-CSG288I | Microsemi Consumer Medical Product Group A2F500M3G-CSG288I |
| Microsemi HI-REL [MIL] A2F500M3G-CSG288I | Microsemi Power Management Group A2F500M3G-CSG288I    | Microsemi Power Products Group A2F500M3G-CSG288I            | Microsemi SoC A2F500M3G-CSG288I                            |
|                                          |                                                       |                                                             | Microsemi Commercial Components Group A2F500M3G-CSG288I    |
| Microsemi Corporation A2F500M3G-CSG288I  | Microsemi Solutions Sdn Bhd. A2F500M3G-CSG288I        |                                                             |                                                            |

