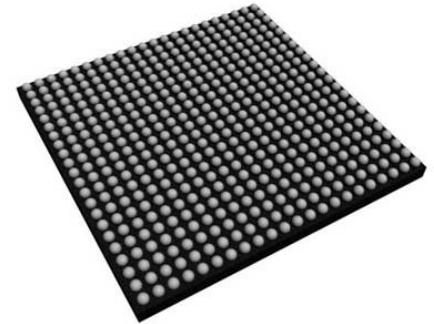


Field Programmable Gate Array, 11520 CLBs, 500000Gates, 80MHz, 11520-Cell, CMOS, PBGA484, 23 X 23MM, 2.23MM HEIGHT, 1MM PITCH, GREEN, FBGA-484



Images are for reference only

Manufacturers [Microchip Technology, Inc](#)

Package/Case 484-BGA

Product Type Programmable Logic ICs

RoHS Green

Lifecycle

Please submit RFQ for A2F500M3G-FGG484 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

## Features

Microcontroller Subsystem (MSS)

Hard industry-standard 100 MHz, 32-bit ARM Cortex-M3 CPU

10/100 Ethernet MAC with RMI interface

Two of each: SPI, I2C, UART, 32-bit timers

256 KB flash and 64 KB of SRAM

8-channel DMA controller

41 MSS I/Os

FPGA Fabric

350 MHz system performance

128 FPGA I/Os

Programmable Analog

Analog compute engine (ACE)

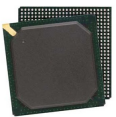
Integrated ADCs and DACs with 1 percent accuracy

12-/10-/8-bit mode ADCs with 500/550/600 Ksps sampling rate

Up to ten 15 ns high-speed comparators

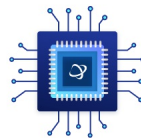
Up to 32 analog inputs and 3 outputs

## Related Products



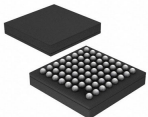
### [A2F500M3G-FGG484I](#)

Microchip Technology, Inc  
FPBGA-484



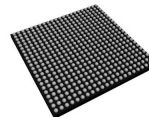
### [A2F200M3F-FGG256I](#)

Microchip Technology, Inc  
FG256



### [A2F500M3G-CS288I](#)

Microchip Technology, Inc  
288-TFBGA



### [A2F500M3G-FG484M](#)

Microchip Technology, Inc  
484-BGA



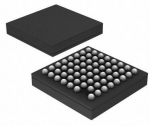
### [A2F500M3G-1CS288](#)

Microchip Technology, Inc  
288-TFBGA, CSPBG



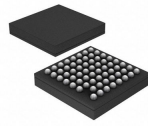
### [A2F500M3G-PQ208I](#)

Microchip Technology, Inc  
208-BFQFP



[A2F500M3G-1CSG288](#)

Microchip Technology, Inc  
288-TFBGA, CSPBG



[A2F500M3G-CS288](#)

Microchip Technology, Inc  
288-TFBGA, CSPBG