

# A2F500M3G-1CS288 Datasheet



DiGi Electronics Part Number	A2F500M3G-1CS288-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	A2F500M3G-1CS288
Description	IC SOC CORTEX-M3 100MHZ 288CSP
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops 100MHz 288-CSP (11x11)

<https://www.DiGi-Electronics.com>

This model A2F500M3G-1CS288 is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

**Manufacturer Product Number:**

A2F500M3G-1CS288

**Series:**

SmartFusion®

**Architecture:**

MCU, FPGA

**Flash Size:**

512KB

**Peripherals:**

DMA, POR, WDT

**Speed:**

100MHz

**Operating Temperature:**

0°C ~ 85°C (TJ)

**Supplier Device Package:**

288-CSP (11x11)

**Base Product Number:**

A2F500

**Manufacturer:**

Microchip Technology

**Product Status:**

Active

**Core Processor:**

ARM® Cortex®-M3

**RAM Size:**

64KB

**Connectivity:**

EBI/EMI, Ethernet, I2C, SPI, UART/USART

**Primary Attributes:**

ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops

**Package / Case:**

288-TFBGA, CSPBGA

**Number of I/O:**

MCU - 31, FPGA - 78

## Environmental & Export classification

**RoHS Status:**

RoHS non-compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.39.0001

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

3A991D

## OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.