

A2F500M3G-1CS288I Datasheet



DiGi Electronics Part Number	A2F500M3G-1CS288I-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	A2F500M3G-1CS288I
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-1CS288I 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

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

A2F500M3G-1CS288I

Series:

SmartFusion®

Architecture:

MCU, FPGA

Flash Size:

512KB

Peripherals:

DMA, POR, WDT

Speed:

100MHz

Operating Temperature:

-40°C ~ 100°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



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.