

# A2F200M3F-FG256 Datasheet



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DiGi Electronics Part Number	A2F200M3F-FG256-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	A2F200M3F-FG256
Description	IC SOC CORTEX-M3 80MHZ 256FBGA
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 200K Gates, 4608 D-Flip-Flops 80MHz 256-FPBGA (17x17)

This model A2F200M3F-FG256 is available at DiGi Electronics.

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## Purchase and inquiry

### Manufacturer Product Number:

A2F200M3F-FG256

### Series:

SmartFusion®

### Architecture:

MCU, FPGA

### Flash Size:

256KB

### Peripherals:

DMA, POR, WDT

### Speed:

80MHz

### Operating Temperature:

0°C ~ 85°C (TJ)

### Supplier Device Package:

256-FPBGA (17x17)

### Base Product Number:

A2F200

### 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, 200K Gates, 4608 D-Flip-Flops

### Package / Case:

256-LBGA

### Number of I/O:

MCU - 25, FPGA - 66

## 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

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