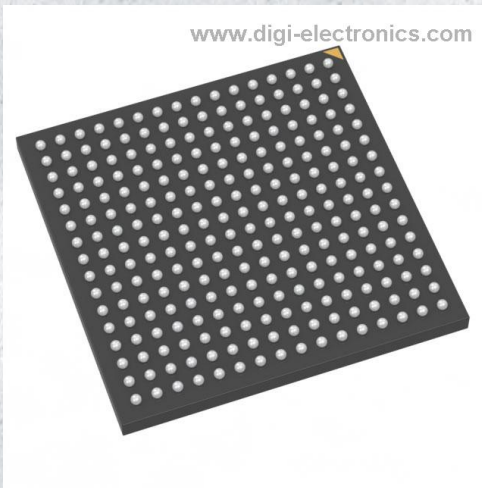


# M1A3P1000-2FGG256I Datasheet



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

|                              |  |
|------------------------------|--|
| DiGi Electronics Part Number | M1A3P1000-2FGG256I-DG  |
| Manufacturer                 | <a href="#">Microchip Technology</a>                                 |
| Manufacturer Product Number  | M1A3P1000-2FGG256I   |
| Description                  | IC FPGA 177 I/O 256FBGA  |
| Detailed Description         | ProASIC3 Field Programmable Gate Array (FPGA) IC 177 147456 256-LBGA |

This model M1A3P1000-2FGG256I 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:

M1A3P1000-2FGG256I

Series:

ProASIC3

DiGi-Electronics Programmable:

Not Verified

Number of I/O:

177

Voltage - Supply:

1.425V ~ 1.575V

Operating Temperature:

-40°C ~ 100°C (TJ)

Supplier Device Package:

256-FPBGA (17x17)

Manufacturer:

Microchip Technology

Product Status:

Active

Total RAM Bits:

147456

Number of Gates:

1000000

Mounting Type:

Surface Mount

Package / Case:

256-LBGA

Base Product Number:

M1A3P1000

## Environmental & Export classification

RoHS Status:

ROHS3 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.