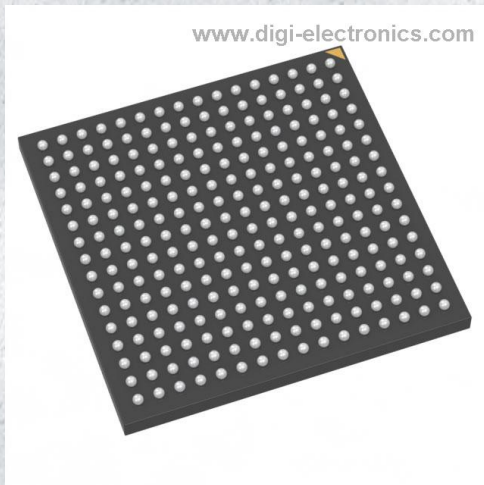


# M1A3P1000L-1FG256 Datasheet



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

DiGi Electronics Part Number	M1A3P1000L-1FG256-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	M1A3P1000L-1FG256
Description	IC FPGA 177 I/O 256FBGA
Detailed Description	ProASIC3L Field Programmable Gate Array (FPGA) I C 177 147456 256-LBGA

This model M1A3P1000L-1FG256 is available at DiGi Electronics.

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

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## Purchase and inquiry

Manufacturer Product Number:

M1A3P1000L-1FG256

Series:

ProASIC3L

DiGi-Electronics Programmable:

Not Verified

Number of I/O:

177

Voltage - Supply:

1.14V ~ 1.575V

Operating Temperature:

0°C ~ 85°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:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

3A991D

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