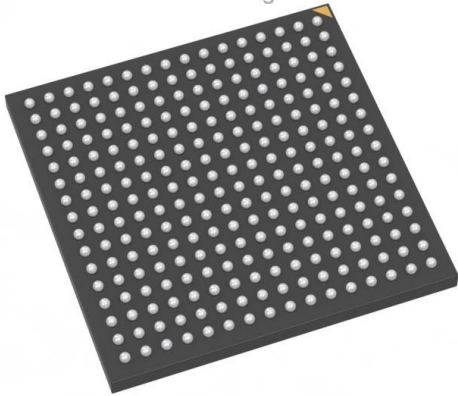


A3P1000-2FG256I Datasheet

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DiGi Electronics Part Number	A3P1000-2FG256I-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	A3P1000-2FG256I
Description	IC FPGA 177 I/O 256FBGA
Detailed Description	ProASIC3 Field Programmable Gate Array (FPGA) IC 177 147456 256-LBGA

This model A3P1000-2FG256I is available at DiGi Electronics.

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Manufacturer Product Number:

A3P1000-2FG256I

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:

A3P1000

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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