

# A3P1000-1FG144T Datasheet

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DiGi Electronics Part Number	A3P1000-1FG144T-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	A3P1000-1FG144T
Description	IC FPGA 97 I/O 144FBGA
Detailed Description	ProASIC3 Field Programmable Gate Array (FPGA) IC 97 147456 144-LBGA

This model A3P1000-1FG144T is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

A3P1000-1FG144T

Series:

ProASIC3

DiGi-Electronics Programmable:

Not Verified

Number of I/O:

97

Voltage - Supply:

1.425V ~ 1.575V

Operating Temperature:

-40°C ~ 125°C (TA)

Qualification:

AEC-Q100

Supplier Device Package:

144-FPBGA (13x13)

Manufacturer:

Microchip Technology

Product Status:

Active

Total RAM Bits:

147456

Number of Gates:

1000000

Mounting Type:

Surface Mount

Grade:

Automotive

Package / Case:

144-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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