

M1A3P1000-FGG144 Datasheet

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DiGi Electronics Part Number	M1A3P1000-FGG144-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	M1A3P1000-FGG144
Description	IC FPGA 97 I/O 144FBGA
Detailed Description	ProASIC3 Field Programmable Gate Array (FPGA) IC 97 147456 144-LBGA

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Manufacturer Product Number:

M1A3P1000-FGG144

Series:

ProASIC3

DiGi-Electronics Programmable:

Not Verified

Number of I/O:

97

Voltage - Supply:

1.425V ~ 1.575V

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

144-FPBGA (13x13)

Manufacturer:

Microchip Technology

Product Status:

Active

Total RAM Bits:

147456

Number of Gates:

1000000

Mounting Type:

Surface Mount

Package / Case:

144-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

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