

M1A3PE3000-FGG896 Datasheet



DiGi Electronics Part Number	M1A3PE3000-FGG896-DG
Manufacturer	Microchip Technology
Manufacturer Product Number	M1A3PE3000-FGG896
Description	IC FPGA 620 I/O 896FBGA
Detailed Description	ProASIC3E Field Programmable Gate Array (FPGA) I C 620 516096 896-BGA

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Manufacturer Product Number:

M1A3PE3000-FGG896

Series:

ProASIC3E

DiGi-Electronics Programmable:

Not Verified

Number of I/O:

620

Voltage - Supply:

1.425V ~ 1.575V

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

896-FBGA (31x31)

Manufacturer:

Microchip Technology

Product Status:

Active

Total RAM Bits:

516096

Number of Gates:

3000000

Mounting Type:

Surface Mount

Package / Case:

896-BGA

Base Product Number:

M1A3PE3000

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

3A001A7A

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