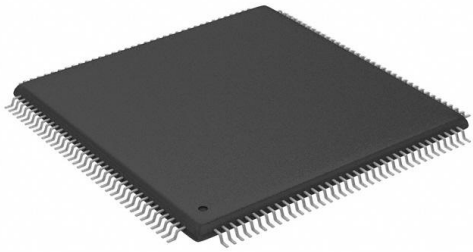


# XC4006E-2TQ144I Datasheet

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DiGi Electronics Part Number	XC4006E-2TQ144I-DG
Manufacturer	<a href="#">AMD</a>
Manufacturer Product Number	XC4006E-2TQ144I
Description	IC FPGA 113 I/O 144TQFP
Detailed Description	XC4000E/X Field Programmable Gate Array (FPGA) IC 113 8192 608 144-LQFP

This model XC4006E-2TQ144I is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

XC4006E-2TQ144I

Series:

XC4000E/X

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

608

Number of I/O:

113

Voltage - Supply:

4.5V ~ 5.5V

Operating Temperature:

-40°C ~ 100°C (TJ)

Supplier Device Package:

144-TQFP (20x20)

Manufacturer:

AMD

Product Status:

Obsolete

Number of LABs/CLBs:

256

Total RAM Bits:

8192

Number of Gates:

6000

Mounting Type:

Surface Mount

Package / Case:

144-LQFP

Base Product Number:

XC4006E

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

EAR99

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