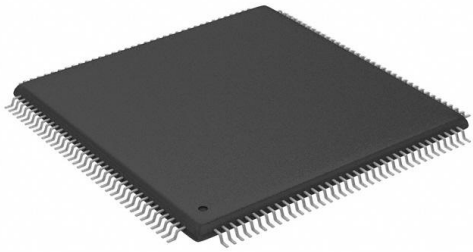


# XA2S50E-6TQ144I Datasheet

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DiGi Electronics Part Number	XA2S50E-6TQ144I-DG
Manufacturer	<a href="#">AMD</a>
Manufacturer Product Number	XA2S50E-6TQ144I
Description	IC FPGA 102 I/O 144TQFP
Detailed Description	Spartan®-IIE XA Field Programmable Gate Array (FPGA) IC 102 32768 1728 144-LQFP

This model XA2S50E-6TQ144I is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

XA2S50E-6TQ144I

Series:

Spartan®-IIE XA

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

1728

Number of I/O:

102

Voltage - Supply:

1.71V ~ 1.89V

Operating Temperature:

-40°C ~ 100°C (TJ)

Qualification:

AEC-Q100

Supplier Device Package:

144-TQFP (20x20)

Manufacturer:

AMD

Product Status:

Obsolete

Number of LABs/CLBs:

384

Total RAM Bits:

32768

Number of Gates:

50000

Mounting Type:

Surface Mount

Grade:

Automotive

Package / Case:

144-LQFP

Base Product Number:

XA2S50E

## 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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