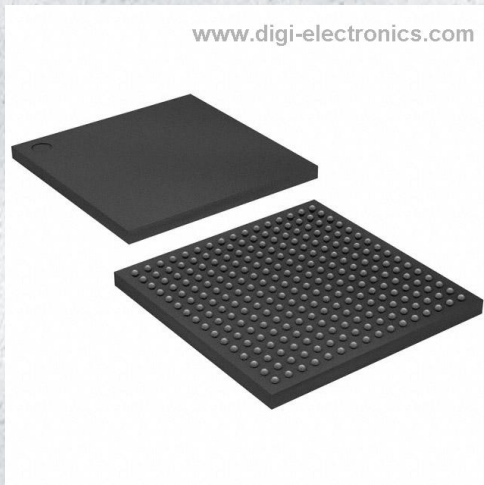


# XA2S100E-6FT256Q Datasheet



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DiGi Electronics Part Number	XA2S100E-6FT256Q-DG
Manufacturer	<a href="#">AMD</a>
Manufacturer Product Number	XA2S100E-6FT256Q
Description	IC FPGA 182 I/O 256FTBGA
Detailed Description	Spartan®-IIE XA Field Programmable Gate Array (FPGA) IC 182 40960 2700 256-LBGA

This model XA2S100E-6FT256Q is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

XA2S100E-6FT256Q

Series:

Spartan®-IIE XA

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

2700

Number of I/O:

182

Voltage - Supply:

1.71V ~ 1.89V

Operating Temperature:

-40°C ~ 125°C (TJ)

Qualification:

AEC-Q100

Supplier Device Package:

256-FTBGA (17x17)

Manufacturer:

AMD

Product Status:

Obsolete

Number of LABs/CLBs:

600

Total RAM Bits:

40960

Number of Gates:

100000

Mounting Type:

Surface Mount

Grade:

Automotive

Package / Case:

256-LBGA

Base Product Number:

XA2S100E

## 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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