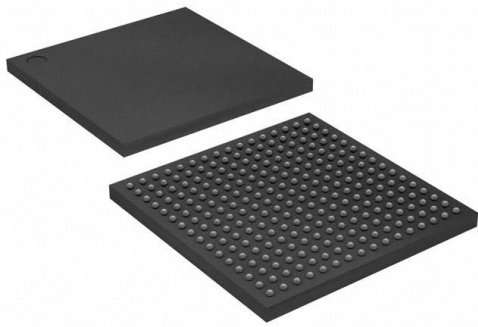


XC2S50-6FGG256C Datasheet

www.digi-electronics.com



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DiGi Electronics Part Number	XC2S50-6FGG256C-DG
Manufacturer	AMD
Manufacturer Product Number	XC2S50-6FGG256C
Description	IC FPGA 176 I/O 256FBGA
Detailed Description	Spartan®-II Field Programmable Gate Array (FPGA) IC 176 32768 1728 256-BGA

This model XC2S50-6FGG256C is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

XC2S50-6FGG256C

Series:

Spartan®-II

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

1728

Number of I/O:

176

Voltage - Supply:

2.375V ~ 2.625V

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

256-FBGA (17x17)

Manufacturer:

AMD

Product Status:

Last Time Buy

Number of LABs/CLBs:

384

Total RAM Bits:

32768

Number of Gates:

50000

Mounting Type:

Surface Mount

Package / Case:

256-BGA

Base Product Number:

XC2S50

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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