

XCKU5P-1FFVD900E Datasheet



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DiGi Electronics Part Number	XCKU5P-1FFVD900E-DG
Manufacturer	AMD
Manufacturer Product Number	XCKU5P-1FFVD900E
Description	IC FPGA 304 I/O 900FCBGA
Detailed Description	Kintex® UltraScale+™ Field Programmable Gate Array (FPGA) IC 304 41984000 474600 900-BBGA, FCBGA

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Manufacturer Product Number:

XCKU5P-1FFVD900E

Series:

Kintex® UltraScale+™

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

474600

Number of I/O:

304

Mounting Type:

Surface Mount

Package / Case:

900-BBGA, FCBGA

Base Product Number:

XCKU5

Manufacturer:

AMD

Product Status:

Active

Number of LABs/CLBs:

27120

Total RAM Bits:

41984000

Voltage - Supply:

0.825V ~ 0.876V

Operating Temperature:

0°C ~ 100°C (TJ)

Supplier Device Package:

900-FCBGA (31x31)

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

3A991D

Moisture Sensitivity Level (MSL):

4 (72 Hours)

HTSUS:

8542.39.0001

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