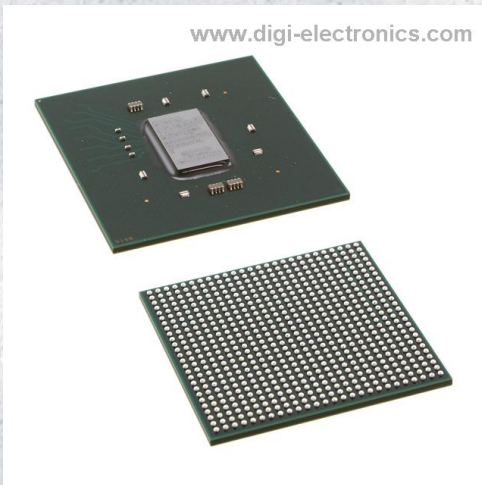


# XCKU040-2FBVA676I Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	XCKU040-2FBVA676I-DG
Manufacturer	AMD
Manufacturer Product Number	XCKU040-2FBVA676I
Description	IC FPGA 312 I/O 676FCBGA
Detailed Description	Kintex® UltraScale™ Field Programmable Gate Array (FPGA) IC 312 21606000 530250 676-BBGA, FCBGA

This model XCKU040-2FBVA676I is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

XCKU040-2FBVA676I

Series:

Kintex® UltraScale™

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

530250

Number of I/O:

312

Mounting Type:

Surface Mount

Package / Case:

676-BBGA, FCBGA

Base Product Number:

XCKU040

Manufacturer:

AMD

Product Status:

Active

Number of LABs/CLBs:

30300

Total RAM Bits:

21606000

Voltage - Supply:

0.922V ~ 0.979V

Operating Temperature:

-40°C ~ 100°C (TJ)

Supplier Device Package:

676-FCBGA (27x27)

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

4 (72 Hours)

ECCN:

3A991D

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