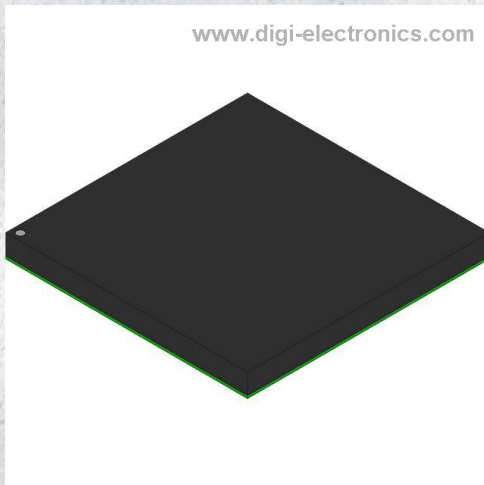


# EP2S180F1020C5 Datasheet



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

DiGi Electronics Part Number	EP2S180F1020C5-DG
Manufacturer	<a href="#">Altera</a>
Manufacturer Product Number	EP2S180F1020C5
Description	IC FPGA 742 I/O 1020FBGA
Detailed Description	Stratix® II Field Programmable Gate Array (FPGA) IC 742 9383040 179400 1020-BBGA, FCBGA

This model EP2S180F1020C5 is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

EP2S180F1020C5

Series:

Stratix® II

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

179400

Number of I/O:

742

Mounting Type:

Surface Mount

Package / Case:

1020-BBGA, FCBGA

Manufacturer:

Altera

Product Status:

Active

Number of LABs/CLBs:

8970

Total RAM Bits:

9383040

Voltage - Supply:

1.15V ~ 1.25V

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

1020-FBGA (33x33)

## Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

4 (72 Hours)

ECCN:

3A001A7A

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