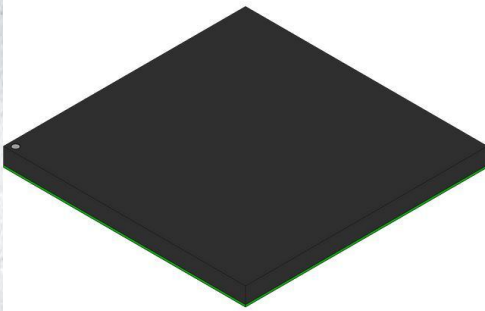


EP1S40B956C5 Datasheet

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DiGi Electronics Part Number	EP1S40B956C5-DG
Manufacturer	Altera
Manufacturer Product Number	EP1S40B956C5
Description	IC FPGA 683 I/O 956BGA
Detailed Description	Stratix® Field Programmable Gate Array (FPGA) IC 683 3423744 41250 956-BBGA, FCBGA

This model EP1S40B956C5 is available at DiGi Electronics.

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Manufacturer Product Number:

EP1S40B956C5

Series:

Stratix®

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

41250

Number of I/O:

683

Mounting Type:

Surface Mount

Package / Case:

956-BBGA, FCBGA

Manufacturer:

Altera

Product Status:

Active

Number of LABs/CLBs:

4125

Total RAM Bits:

3423744

Voltage - Supply:

1.425V ~ 1.575V

Operating Temperature:

0°C ~ 85°C (TJ)

Supplier Device Package:

956-BGA (40x40)

Environmental & Export classification

RoHS Status:

RoHS non-compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

3A991D

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