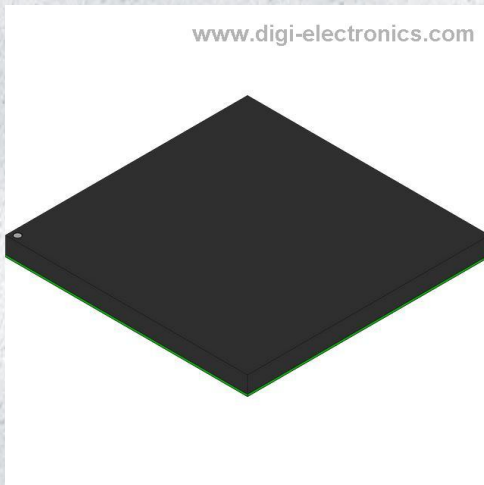


# EP1S40F1508C7 Datasheet



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DiGi Electronics Part Number	EP1S40F1508C7-DG
Manufacturer	<a href="#">Altera</a>
Manufacturer Product Number	EP1S40F1508C7
Description	IC FPGA 822 I/O 1508FBGA
Detailed Description	Stratix® Field Programmable Gate Array (FPGA) IC 8 22 3423744 41250 1508-BBGA, FCBGA

This model EP1S40F1508C7 is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

EP1S40F1508C7

Series:

Stratix®

DiGi-Electronics Programmable:

Not Verified

Number of Logic Elements/Cells:

41250

Number of I/O:

822

Mounting Type:

Surface Mount

Package / Case:

1508-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:

1508-FBGA (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:

3A001A7A

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