

Cyclone® V E FPGA 5CEA9 (F31) 5CEFA9F31I7NAA

Explore detailed specifications for this Ordering Part Number (OPN), including electrical, packaging, and performance attributes for this Altera® FPGA device variant.

Identifiers

Product Line Package	Cyclone® V E FPGA 5CEA9 (F31)
Product Name	Cyclone® V E FPGA 5CEA9 (F31) 5CEFA9F31I7NAA
Ordering Part Number	5CEFA9F31I7NAA

Trade Compliance

ECCN	3A991
US HTS	8542390070

Packaging Manufacturing

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Moisture Sensitivity Level	3
Shelf Life Duration	156 weeks
Floor Life	168 hours
Floor Life Condition	< or = 30C/60% RH

Reliability

MTTF / MTBF (hours)	82644628.1
MTTF / MTBF (years)	9434
FIT (60%Confidence Level, 70C Junction Operating Temp)	12.1

Materials

Low Halogen Status	Yes
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Other Product Attributes

Product Category	FPGA IC
Provider	Altera

Status

Product Lifecycle	Active
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