

FPGA - Field Programmable Gate Array FPGA - Stratix III 3200 LABs 744 IOs



Images are for reference only

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-1152
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for EP3SE80F1152C4N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP3SE80F1152C4N is a field-programmable gate array (FPGA) from the Altera/Intel Cyclone III family. It features 80,000 logic elements, 4.5 Mbits of RAM, and 288 multipliers. The "EP" prefix indicates that it is an enhanced product, while "SE" indicates that it is part of the Cyclone III family. The "80" indicates the number of thousands of logic elements, while "F" indicates that it uses flash memory technology for configuration. The "1152" indicates the pin count, and "C4N" indicates the package type.

## Features

80,000 logic elements

4.5 Mbits of RAM

288 18x18 multipliers

784 user I/O pins

Up to 622 differential I/O pairs

Four phase-locked loops (PLLs)

Built-in PCI Express (PCIe) hard IP block

## Application

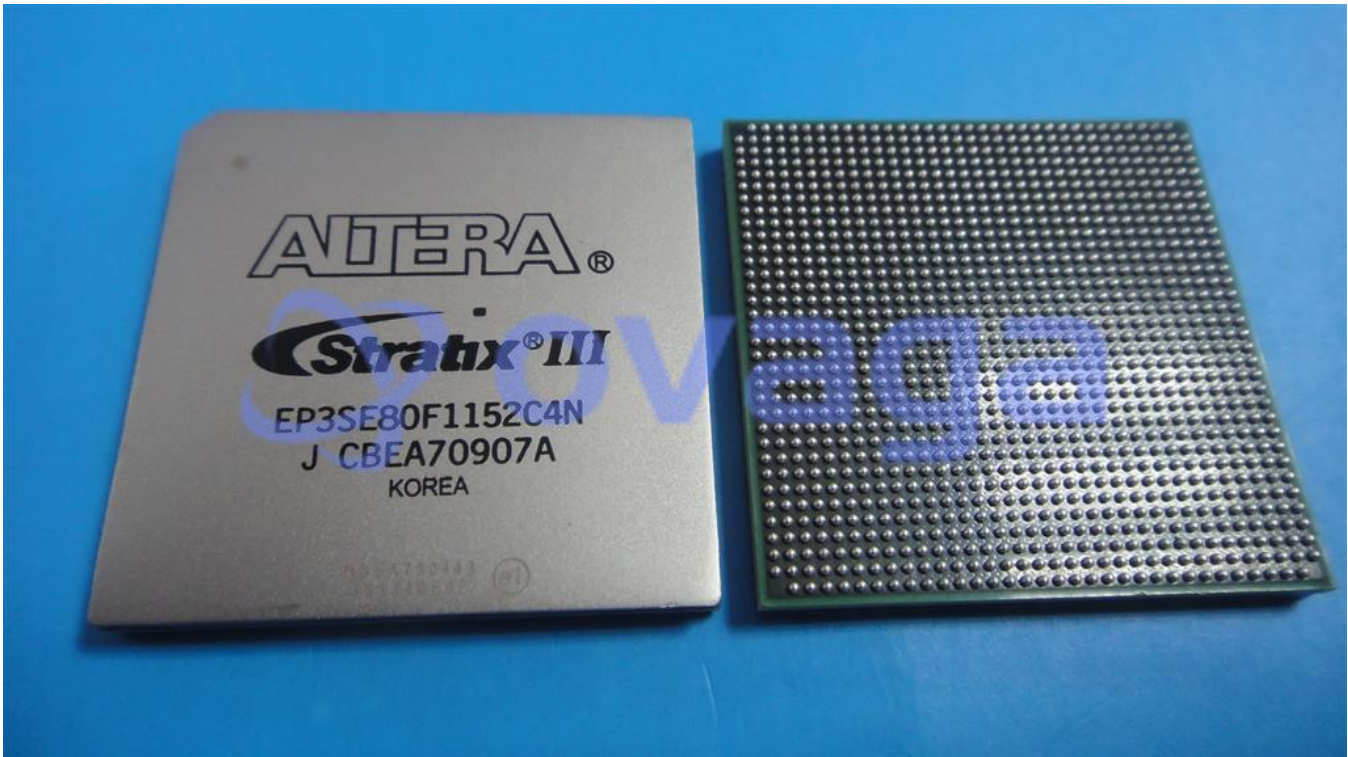
EP3C80F484C8N

EP3C120F484C8N

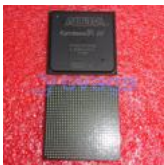
EP3C80U484C8N

EP3C80U484C7N

EP3C80F780C8N



### Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



[EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



[EPM570F256C5N](#)

Altera Corporation (Intel)  
FBGA-256



[EP2C35F672C8N](#)

Altera Corporation (Intel)  
FBGA-672



[EPM7128AETC100-10](#)

Altera Corporation (Intel)  
TQFP-100



[EP2C35F484C7N](#)

Altera Corporation (Intel)  
FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)  
FBGA-484