

Stratix II FPGA 180K FBGA-1020

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-1020
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP2S180F1020C3N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP2S180F1020C3N is a product code for a Field Programmable Gate Array (FPGA) manufactured by Intel Corporation. This FPGA belongs to the Stratix II family and features 180,000 logic elements, making it a high-end FPGA.

## Features

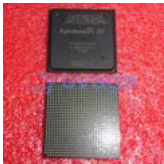
- 180,000 logic elements
- 2,072 embedded memory blocks
- 6.4 Gbps transceiver channels
- 1,036 user I/O pins
- PCI Express x8 endpoint block
- High-speed differential I/O support (up to 840 Mbps)

## Application

- Aerospace and defense
- Automotive
- Industrial automation
- Medical equipment
- Networking
- Telecommunications



## 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