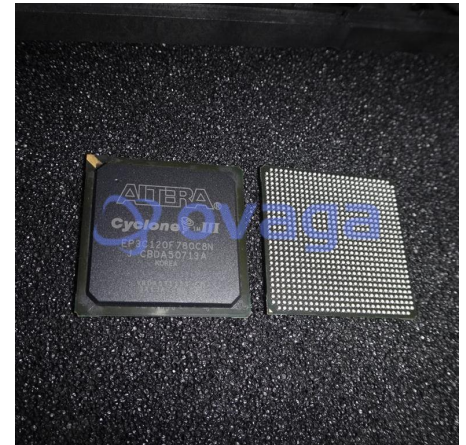


FPGA, CYCLONE III, 119K LE, 780FBGA Programmable Logic Type:FPGA; Logic IC function:FPGA; Logic IC family:Cyclone III; Logic IC Base Number:3; I/O lines, No. of:531;

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-780
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C120F780C8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

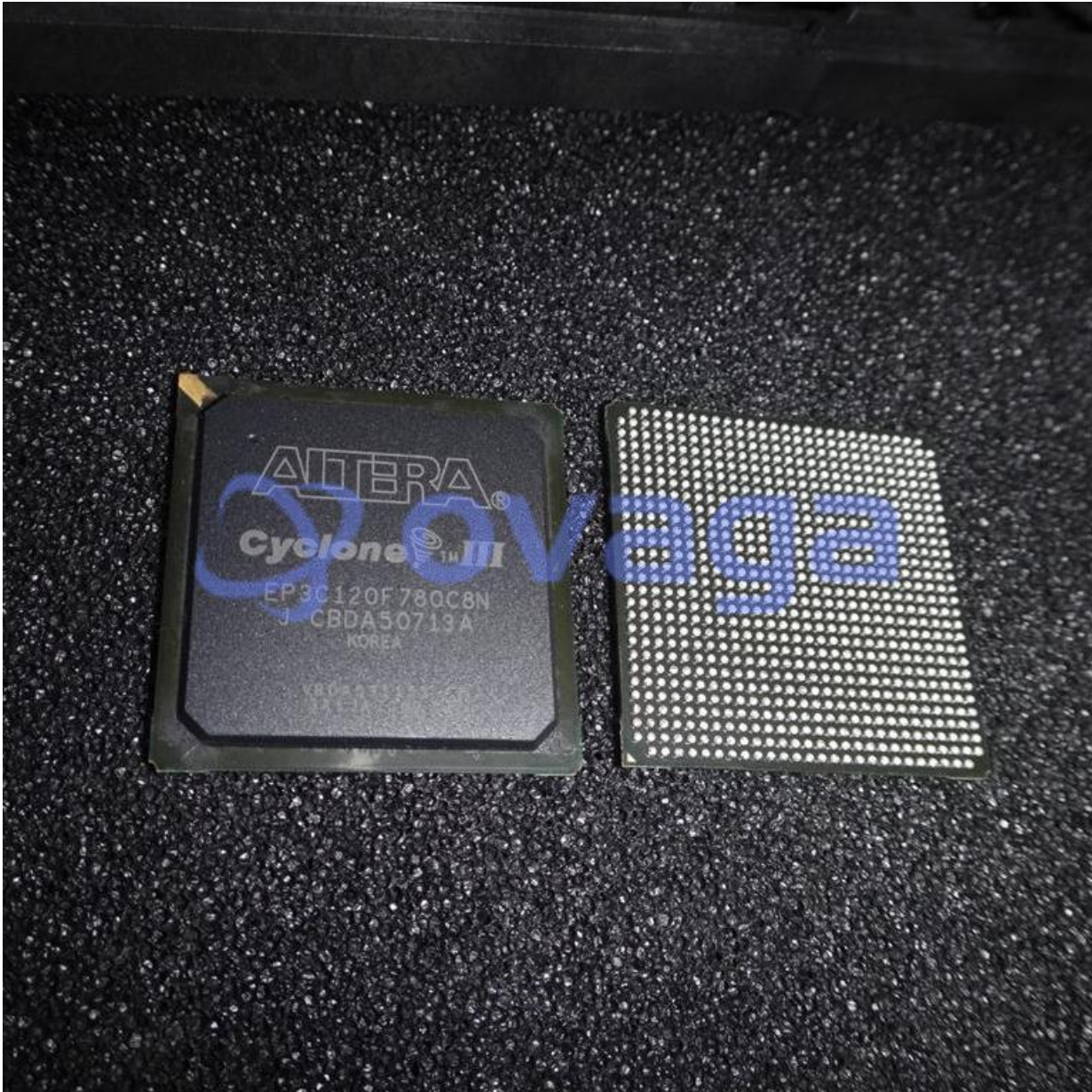
EP3C120F780C8N is a model number of a Field Programmable Gate Array (FPGA) manufactured by Altera Corporation (now owned by Intel). It belongs to the Cyclone III family of FPGAs and has 120,000 logic elements, 4-phase locked loops (PLLs), and 266 user I/O pins.

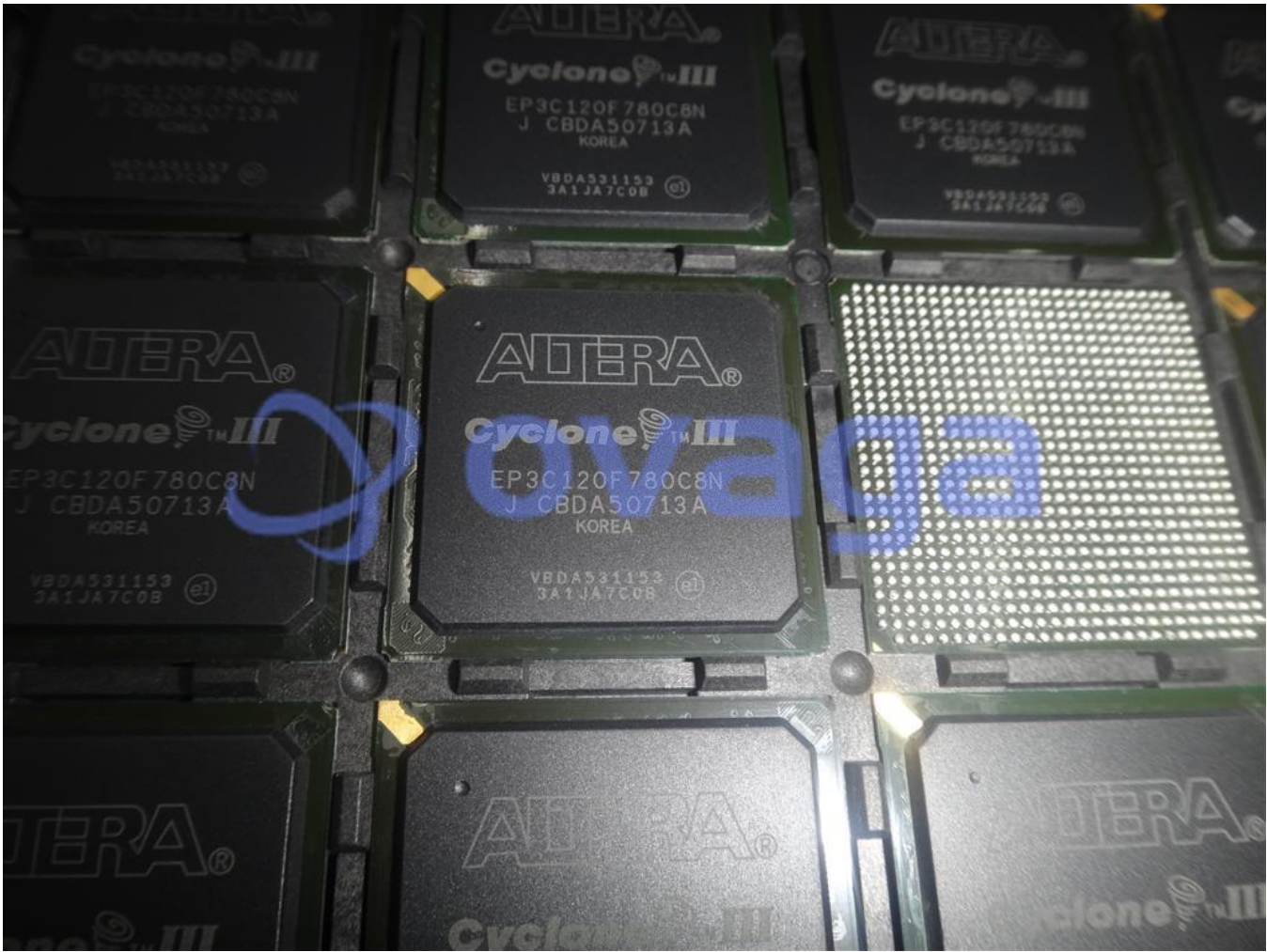
### Features

- 120,000 logic elements
- 266 user I/O pins
- 4-phase locked loops (PLLs)
- 1.2V core voltage
- Low power consumption
- High-speed performance
- On-chip memory blocks
- Embedded multipliers
- Programmable interconnects

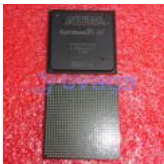
### Application

- Embedded systems
- Video and image processing
- Automotive systems
- Industrial control systems
- Networking
- Telecom
- Medical devices
- Aerospace and defense



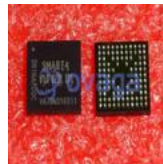


**Related Products**



[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