

Field Programmable Gate Array, 119088 CLBs, 472.5MHz, 119088-Cell, CMOS, PBGA780, 29 X 29MM, 2.6MM HEIGHT, 1MM PITCH, LEAD FREE, FBGA-780

Manufacturers	<u>Altera Corporation (Intel)</u>
Package/Case	FBGA-780
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C120F780C7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

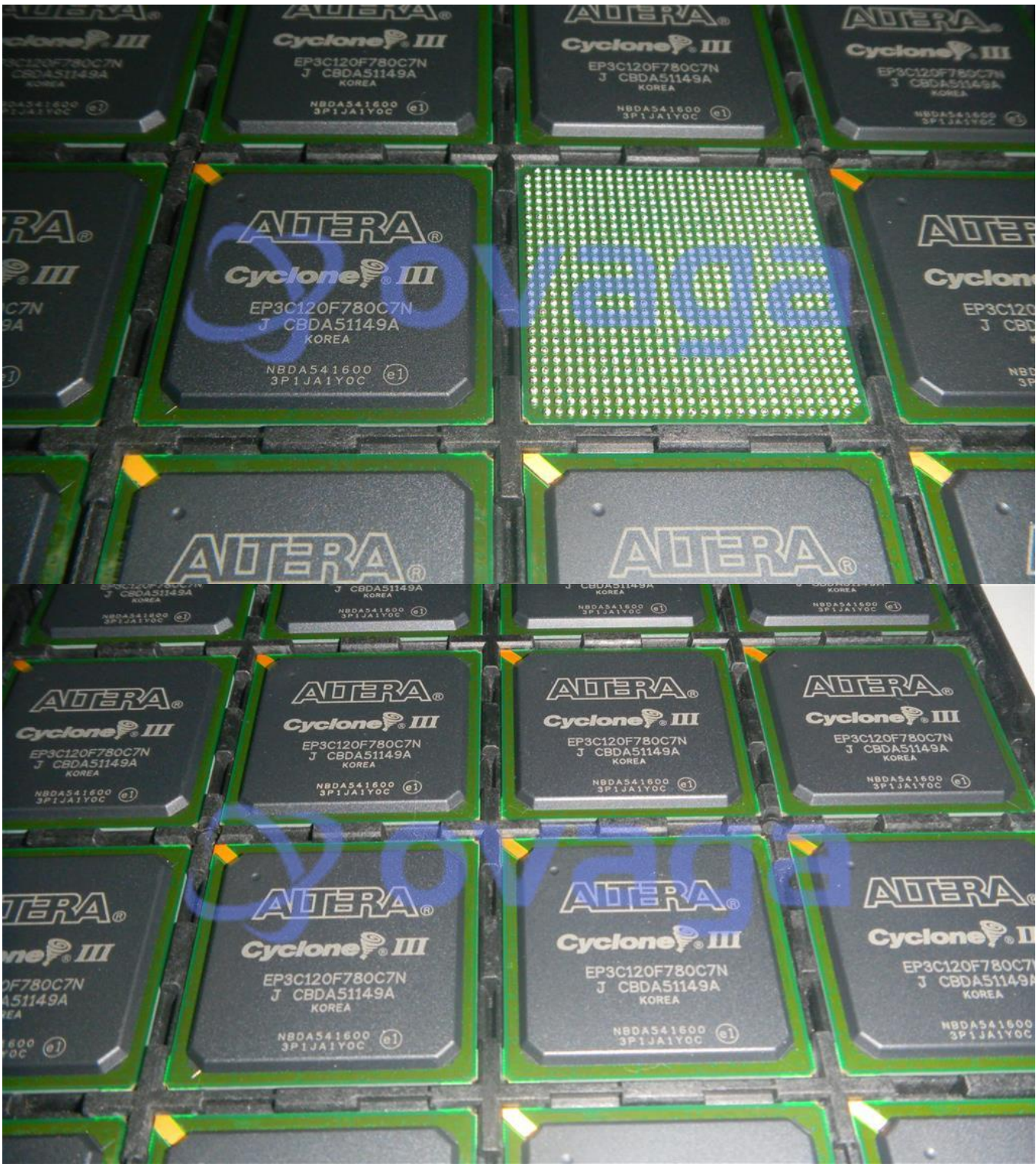
EP3C120F780C7N is an FPGA (Field Programmable Gate Array) from the Cyclone III family of FPGAs by Altera (now Intel). Here are some of its features:

Features

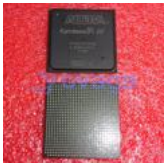
- Logic elements: 120,000
- Block RAM: 4,608 Kbits
- Clock networks
- PLLs (Phase-Locked Loops)
- User I/Os: 622
- Embedded Multipliers: 288
- On-chip Memory: 2,560 Kbits
- Power supply: 1.2V, 3.3V

Application

- Video and image processing
- High-speed networking
- Industrial automation and control
- Automotive applications
- Medical equipment
- Military and aerospace



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