

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



Images are for reference only

Please submit RFQ for EP3C120F780C7AD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP3C120F780C7AD is a specific model number for a field-programmable gate array (FPGA) manufactured by Altera (now Intel).

## Features

120,000 logic elements

475 user I/O pins

6 PLLs (phase-locked loops) for clock management

1.2V core voltage

780-pin fine-pitch ball-grid array (BGA) package

Support for various communication protocols, such as PCI Express, Gigabit Ethernet, and DDR3 memory.

## Application

Digital signal processing (DSP)

High-speed communication systems

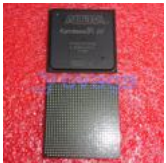
Video processing and display

Industrial control and automation

Test and measurement equipment.



## 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