

FPGA - Field Programmable Gate Array FPGA - Cyclone I 1206 LABs 185 IOs

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-256
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP1C12F256C8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP1C12F256C8N appears to be a part number for an FPGA (Field-Programmable Gate Array) device, specifically from the Cyclone series by Intel (formerly Altera). Here's some information about it:

### Features

It has a capacity of 12,000 logic elements (LEs), which are basic building blocks of FPGA logic.

It has 256 kilobits (Kb) of embedded memory.

It has 378 user I/O pins for interfacing with external devices.

It supports various I/O voltage standards, such as 3.3V, 2.5V, and 1.8V.

It operates with a 1.2V core voltage and supports various clocking options.

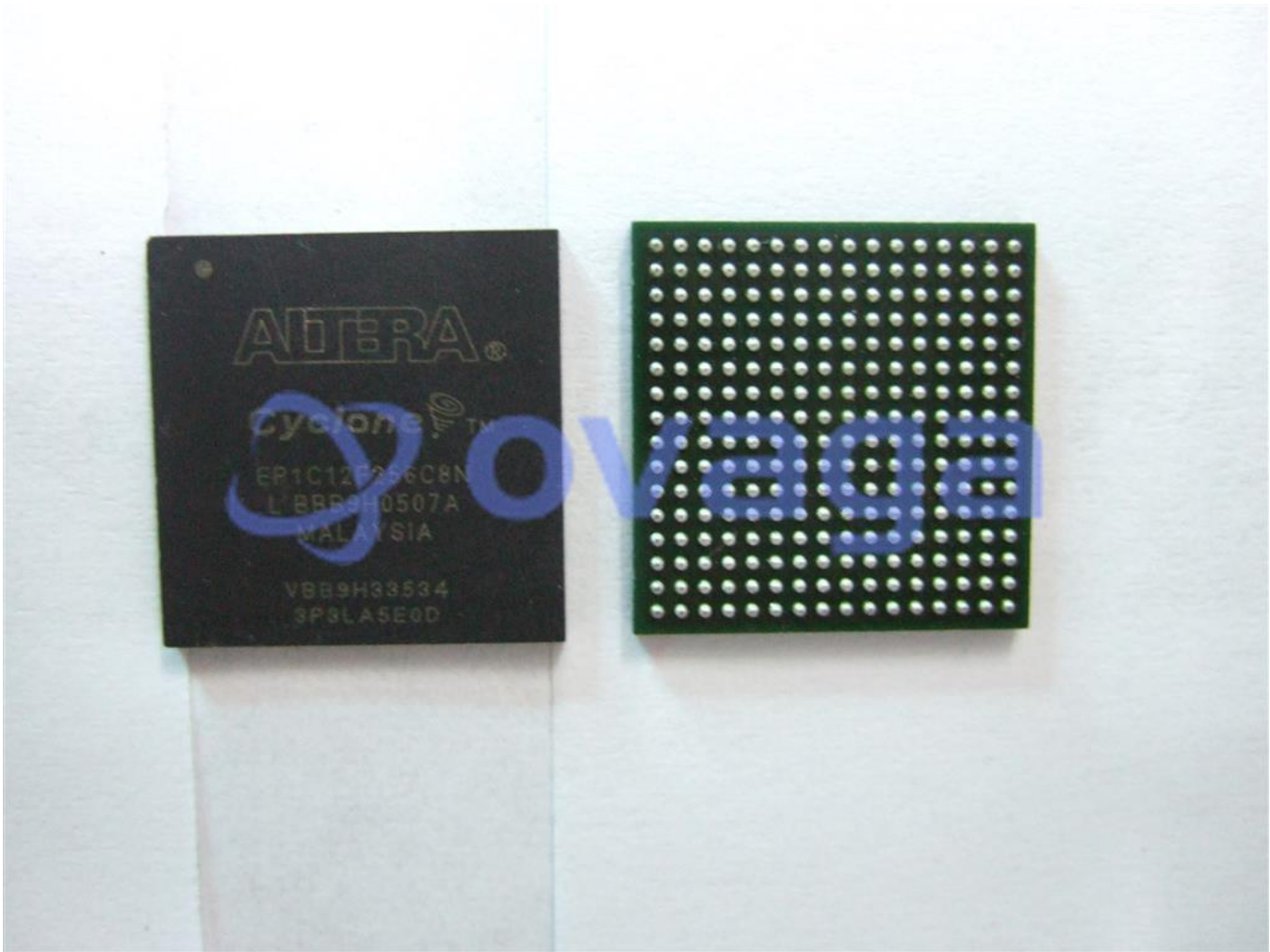
### Application

EP1C12F256C8N can be used in a wide range of applications that require digital logic processing, such as embedded systems, industrial automation, telecommunications, and consumer electronics.

It can be used for functions such as data processing, signal processing, and control logic implementation.

EP1C12F256C8N is commonly used for prototyping, testing, and developing digital systems due to its reprogrammable nature.



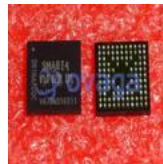


## Related Products



### [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