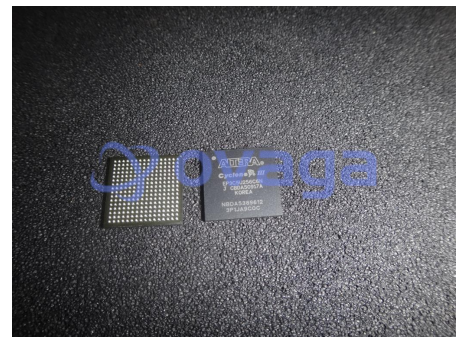


FPGA - Field Programmable Gate Array FPGA - Cyclone III 321 LABs 182 IOs

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



Images are for reference only

Please submit RFQ for EP3C5U256C6N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

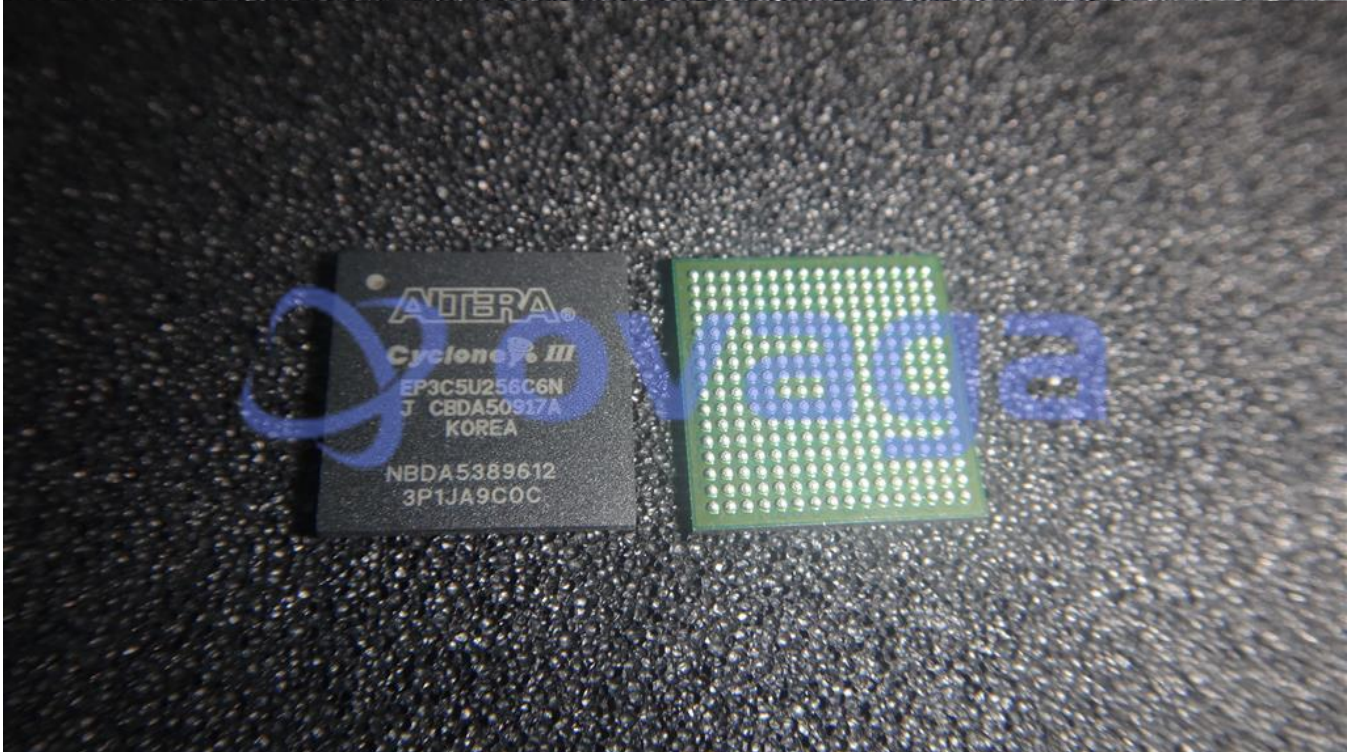
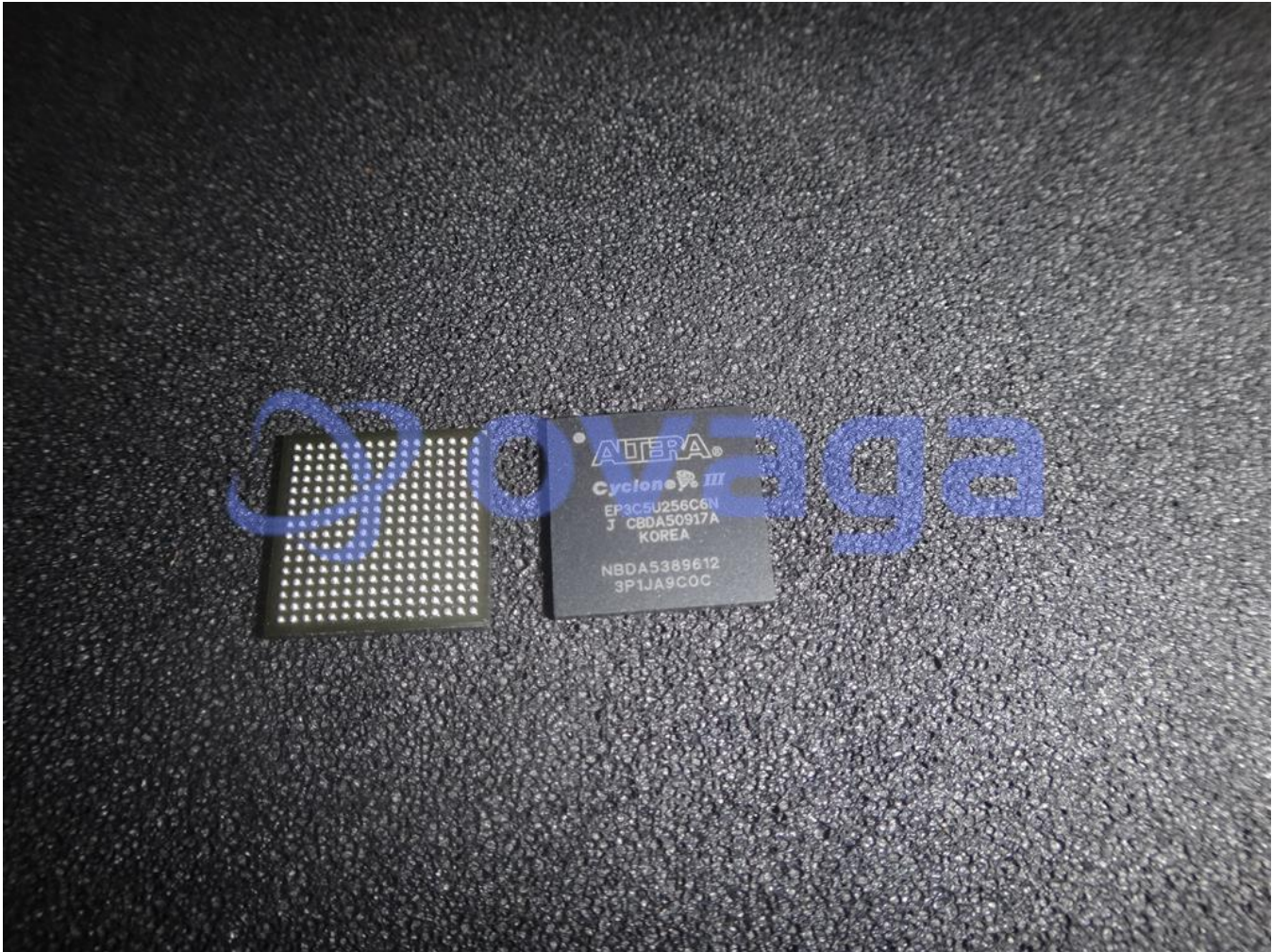
EP3C5U256C6N is a field-programmable gate array (FPGA) manufactured by Intel (formerly Altera). Here are some of its features:

### Features

- Logic elements: 4,608
- Embedded memory: 288 Kbits
- Embedded multipliers: 24
- Maximum user I/Os: 179
- Operating temperature range: -40°C to 100°C
- Package: 256-pin FBGA

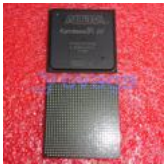
### Application

- EP3C5F256C8N
- EP3C5E144C8N
- EP3C5M164C8N
- EP3C5F256C7N
- EP3C5E144C7N



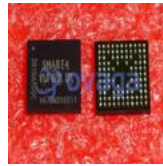
**Related Products**





[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