

FPGA Cyclone III Family 55856 Cells 437.5MHz 65nm Technology 1.2V 780Pin FBGA

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



Images are for reference only

Please submit RFQ for EP3C55F780I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP3C55F780I7N is a field-programmable gate array (FPGA) device manufactured by Altera (now part of Intel). It belongs to the Cyclone III family and has a density of 55,000 logic elements. Here are some of its key features:

### Features

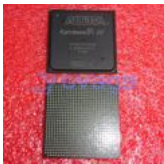
- Logic elements: 55,000
- RAM: 3.8 Mbits
- PLLs: 4
- User I/Os: 372
- Operating frequency: up to 400 MHz
- Power supply voltage: 1.2V

### Application

- Industrial automation
- Motor control
- Medical equipment
- Test and measurement equipment
- Broadcast video

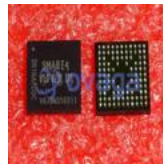


**Related Products**



[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](#)

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TQFP-100



[EP2C35F484C7N](#)

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FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)  
FBGA-484