

FPGA - Field Programmable Gate Array FPGA - Cyclone III 5079 LABs 295 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	484-BBGA, FCBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C80F484I7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

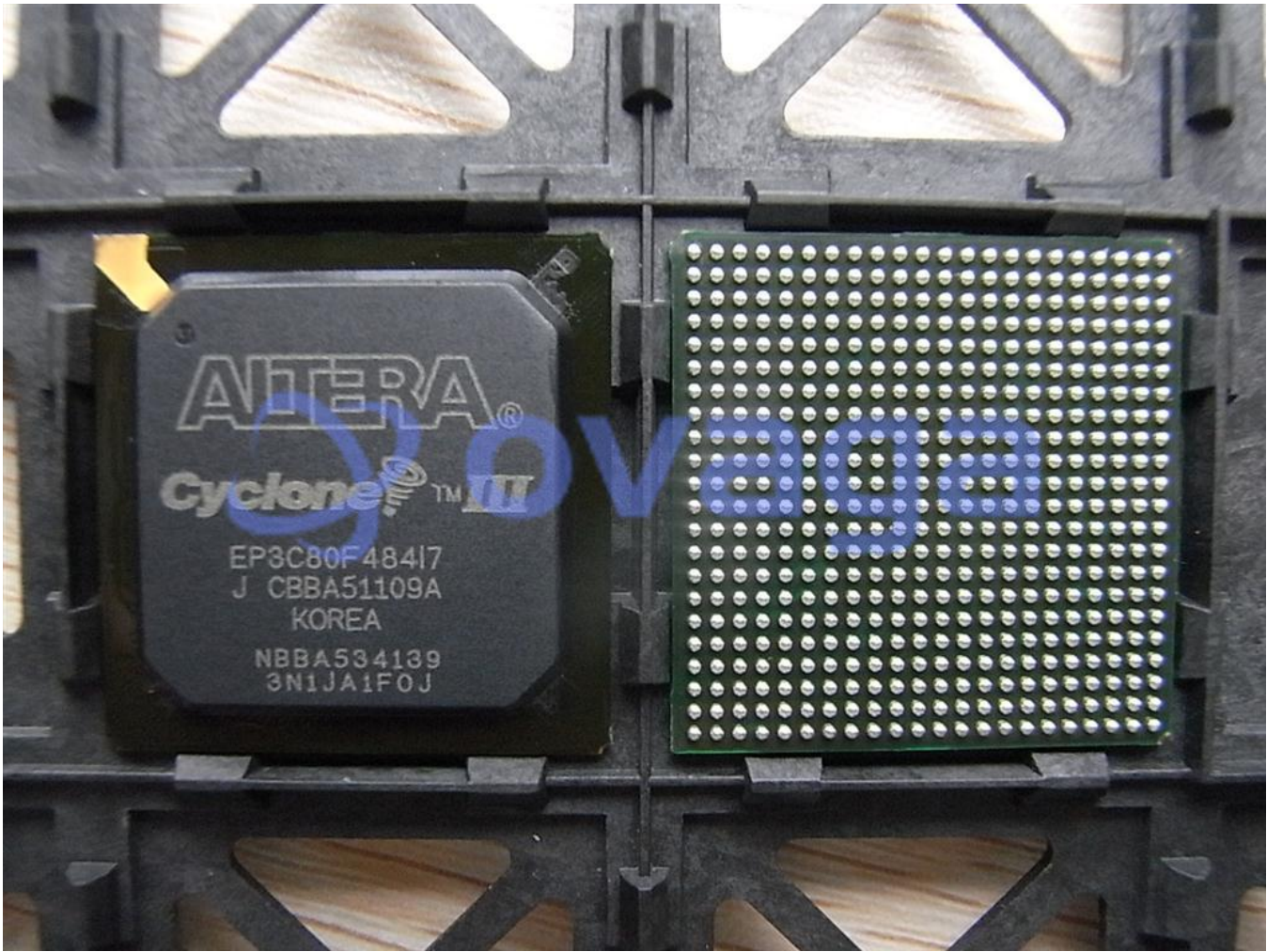
The EP3C80F484I7 is a member of the Cyclone III FPGA (Field-Programmable Gate Array) family from Intel (formerly Altera). It offers a balance of cost, power, and performance, making it suitable for a wide range of applications.

Features

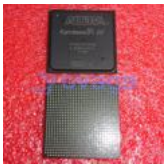
- FPGA with 80,000 logic elements
- Support for up to 622 Mbps LVDS (Low Voltage Differential Signaling) channels
- Embedded multipliers and memory blocks
- High-speed serial transceivers for data communication
- Flexible I/O standards and voltage levels
- On-chip oscillator for clock generation
- JTAG (Joint Test Action Group) boundary scan for testing and debugging

Application

- Digital signal processing (DSP)
- Video and image processing
- High-speed data communication
- Industrial automation and control systems
- Embedded systems
- Medical equipment
- Test and measurement instruments



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