

FPGA Cyclone III Family 5136 Cells 437.5MHz 65nm Technology 1.2V 144Pin EQFP EP

Manufacturers	Altera Corporation (Intel)
Package/Case	QFP-144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C5E144I7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

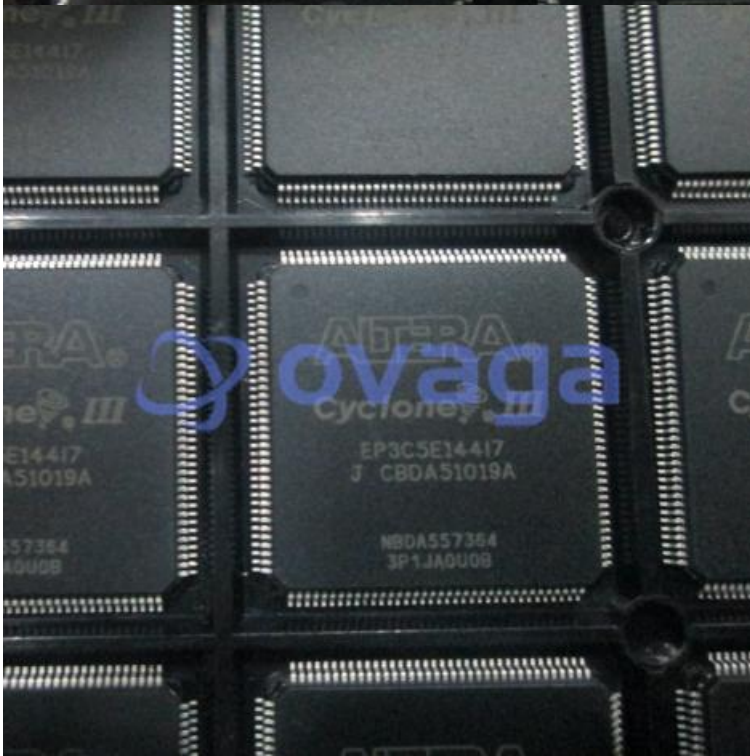
EP3C5E144I7 is a field-programmable gate array (FPGA) manufactured by Altera, which is now a part of Intel Corporation. It belongs to the Cyclone III family of FPGAs and has 5,136 logic elements (LEs) and 270 Kbits of embedded memory.

Features

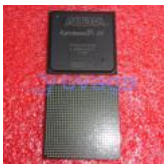
- 5,136 Logic Elements (LEs)
- 270 Kbits of embedded memory
- 288 user I/O pins
- Four phase-locked loops (PLLs)
- Up to 622 Mbps LVDS performance
- Built-in multipliers and memory controllers
- On-chip analog-to-digital converters (ADCs)

Application

- Automotive and industrial control systems
- Video and image processing
- High-speed communication systems
- Medical equipment
- Aerospace and defense systems
- Robotics and automation



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