

Cyclone™ III FPGAs: An Unprecedented Combination of Power, Functionality, and Cost; 144 pin EQFP; -40 to 100°C

Manufacturers	Altera Corporation (Intel)
Package/Case	TQFP144
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C16E144I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP3C16E144I7N is a part number for a Field Programmable Gate Array (FPGA) device manufactured by Intel Corporation (formerly Altera). It belongs to the Cyclone III family of FPGAs and has the following features:

Features

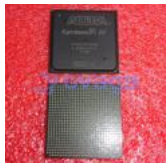
- 16,064 logic elements (LEs)
- 622 user I/O pins
- 484 user I/O pins with programmable output slew rate
- 12 Dedicated Clock Networks
- 288 Kbits of RAM
- 56 18x18 multipliers
- 4 phase-locked loops (PLLs)

Application

- EP3C16F256C8N
- EP3C16U256C8N
- EP3C16F484C6N
- EP3C16Q240C8N



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