

Cyclone FPGA 6K TQFP-144

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



Images are for reference only

Please submit RFQ for EP1C6T144I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP1C6T144I7N is a product code for a specific variant of the Altera (now Intel) Cyclone FPGA (Field Programmable Gate Array) device.

Features

- 6,272 logic elements (LEs)
- 108 embedded multipliers
- 414 user I/O pins
- 8 PLLs (phase-locked loops)
- Maximum operating frequency of 250 MHz
- 1.2V core voltage and 3.3V I/O voltage

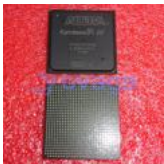
Application

- Embedded systems
- Industrial automation
- Medical devices
- Audio and video processing
- Automotive systems
- Aerospace and defense systems
- Robotics
- Wireless communication





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