

FPGA FLEX 6000 Family 16K Gates 1320 Cells 200MHz CMOS Technology 3.3V  
144Pin TQFP

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	TQFP-144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EPF6016ATC144-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EPF6016ATC144-1 is an Integrated Circuit (IC) that belongs to the family of field-programmable gate arrays (FPGAs) and is manufactured by Altera Corporation, which is now part of Intel Corporation. The EPF6016ATC144-1 FPGA contains 16,000 logic elements (LEs) and has a maximum operating frequency of 250 MHz.

## Features

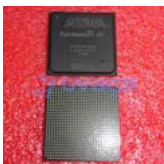
- 16,000 LEs
- 64 embedded multipliers
- 48-bit fixed-point digital signal processing (DSP) blocks
- 5,376 Kbits of embedded memory
- 250 MHz maximum operating frequency
- 3.3 V and 1.5 V power supply options
- 144-pin Thin Quad Flat Pack (TQFP) package

## Application

- Industrial control and automation
- Audio and video processing
- Communications systems
- Medical equipment
- Military and aerospace applications
- Automotive systems
- Consumer electronics



### Related Products



#### [EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



#### [EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



#### [EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



#### [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