

FPGA ACEX 1K Family 10K Gates 576 Cells 200MHz 0.22um Technology 2.5V

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



Images are for reference only

Please submit RFQ for EP1K10TC144-3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP1K10TC144-3 is a part number from the Altera Corporation's FPGA (Field-Programmable Gate Array) family. Specifically, it is a member of the EP1K family of FPGAs, which are based on the MAX architecture and are designed for high-speed applications. The "TC" in the part number indicates that it is a RoHS-compliant part.

Features

- 10,000 logic elements (LEs)
- 144-pin TQFP (Thin Quad Flat Package) package
- 269 user I/Os
- 1.5V core voltage
- 3.3V I/O voltage

Application

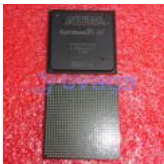
- Digital signal processing
- High-speed networking
- Video and image processing
- Industrial automation and control
- Test and measurement equipment
- Medical imaging



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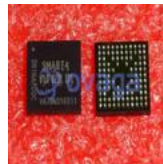


Related Products



[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