

FPGA ACEX 1K Family 30K Gates 1728 Cells 250MHz 0.22um Technology 2.5V 144-Pin TQFP

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



Images are for reference only

Please submit RFQ for EP1K30TC144-1N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP1K30TC144-1N is a part number for a specific member of the EP1K family of field-programmable gate arrays (FPGAs) manufactured by Altera (now owned by Intel).

Features

- 30,000 logic elements (LEs)
- 1,620 kilobits of RAM
- 177 user I/O pins
- 2-phase and 3-phase clocking support
- Up to 240 programmable I/O pins
- Internal configuration memory
- Low power consumption
- JTAG boundary-scan testing support

Application

- High-performance digital signal processing (DSP) applications
- Communications systems
- Industrial automation
- Video and image processing
- Medical imaging
- Test and measurement equipment
- Military and aerospace systems





Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



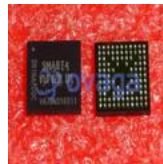
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM570F256C5N](#)

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FBGA-256



[EPM7128AETC100-10](#)

Altera Corporation (Intel)
TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484