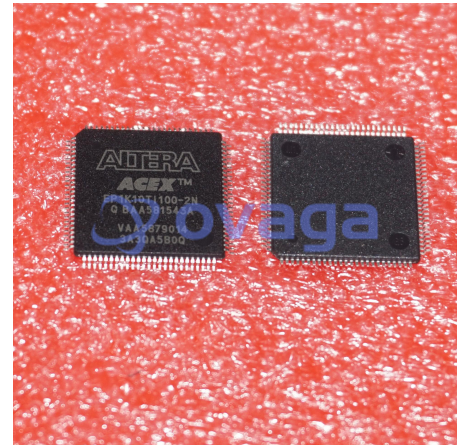


FPGA ACEX 1K Family 10K Gates 576 Cells 200MHz 0.22um Technology 2.5V 100-Pin TQFP

Manufacturers	Altera Corporation (Intel)
Package/Case	TQFP-100
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP1K10TI100-2N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP1K10TI100-2N is a part number for a Field-Programmable Gate Array (FPGA) manufactured by Intel (formerly Altera). Here are some details about this specific device:

Features

"EP1" refers to the device family, which is the Cyclone device family.

"K10" refers to the specific device within the Cyclone family. In this case, it has 10,000 logic elements.

"T" indicates the package type, which is a "144-pin Thin Quad Flat Pack" (TQFP).

"T100" indicates the maximum operating speed grade, which is 100 MHz.

"-2N" indicates the device is RoHS compliant and has a 2.5V core voltage.

Application

10,000 logic elements (LEs)

288 Kbits of embedded memory

72 embedded 18 x 18 multipliers

Four phase-locked loops (PLLs)

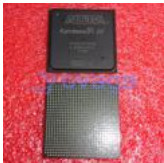
3.3V or 2.5V core voltage options

Up to 100 MHz maximum operating frequency





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