

FPGA, FLEX 10K, 20K GATES, TQFP144; Logic IC family:FPGA; Logic IC Base Number:10; Logic IC function:EPF10K20; Voltage, supply:5.0V; Case style:TQFP; Gates, No. of:20000; I/O lines, No. of:102; Pins, No. of:144; Temp, op. RoHS Compliant: Yes



Images are for reference only

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

Please submit RFQ for EPF10K20TC144-3N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EPF10K20TC144-3N is a field-programmable gate array (FPGA) chip manufactured by Intel (formerly Altera). It is a member of the MAX 7000 series of FPGAs and has a capacity of 20,000 logic elements.

Features

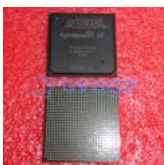
- 20,000 logic elements
- 144-pin thin quad flat pack (TQFP) package
- 3.3V operating voltage
- 3ns maximum pin-to-pin delay
- 96 user I/O pins
- 288 macrocells
- 10 global clocks

Application

- Communications systems
- Industrial control systems
- Automotive systems
- Test and measurement equipment
- Video and image processing
- Consumer electronics

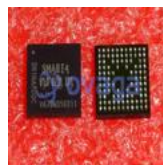


Related Products



[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