

CPLD - Complex Programmable Logic Devices CPLD - MAX 7000 256 Macro 36 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	TQFP-44
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EPM7256AETI144-7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EPM7256AETI144-7N is a programmable logic device (PLD) manufactured by Intel (formerly Altera). It belongs to the MAX 7000 series of PLDs and is based on the EEPROM technology. The part number indicates that it comes in a 144-pin Thin Quad Flat Package (TQFP) and is rated for operation at a speed grade of 7 (i.e., maximum operating frequency of 7 MHz) over the industrial temperature range (-40°C to +85°C).

Features

- 256 macrocells (i.e., programmable logic blocks)
- 5V-tolerant I/O pins
- In-system programmable (ISP) via the Joint Test Action Group (JTAG) interface
- Low power consumption
- High reliability due to EEPROM technology
- Can be used in both combinatorial and sequential logic designs

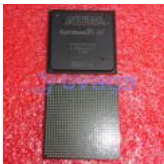
Application

- Digital signal processing (DSP)
- Embedded systems
- Control systems
- Communications systems
- Industrial automation
- Test and measurement equipment





Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



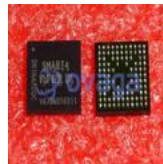
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

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BGA-100



[EPM570F256C5N](#)

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[EPM7128AETC100-10](#)

Altera Corporation (Intel)
TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484