

CPLD - Complex Programmable Logic Devices CPLD - MAX 7000 64 Macro 68 IOs

|               |  |
|---------------|--|
| Manufacturers | <a href="#">Altera Corporation (Intel)</a> |
| Package/Case  | TQFP-100                                   |
| Product Type  | Programmable Logic ICs                     |
| RoHS          |  |
| Lifecycle     |  |



Images are for reference only

Please submit RFQ for EPM7064AETC100-7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EPM7064AETC100-7 is a type of programmable logic device (PLD) manufactured by Intel (formerly Altera) which belongs to the MAX 7000 family of CPLDs (Complex Programmable Logic Devices). CPLDs are digital electronic devices that are used to implement digital circuits and systems.

## Features

It has 64 macrocells or logic blocks which can be programmed to implement digital logic functions.

It has 64 input/output (I/O) pins.

It operates at a 5V power supply voltage.

It has a maximum of 7.5 ns pin-to-pin propagation delay.

It has a total of 64 programmable macrocell registers (PMCRs) and 64 output enable control (OEC) product terms.

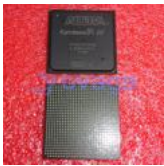
## Application

It is commonly used in embedded systems, industrial automation, telecommunications, and consumer electronics for implementing digital logic functions.

It can be used for various applications such as data processing, control logic, state machines, signal processing, and interface protocol implementation.



**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](#)

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[EPM7128AETC100-10](#)

Altera Corporation (Intel)  
TQFP-100



[EP2C35F484C7N](#)

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FBGA-484



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FBGA-484