

CPLD MAX® 7000S Family 1.25K Gates 64 Macro Cells 125MHz 5V 44-Pin TQFP Tray

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	TQFP-44
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EPM7064STI44-7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EPM7064STI44-7 is a specific type of Field Programmable Gate Array (FPGA) manufactured by Intel (formerly Altera).

### Features

It has 64 macrocells and 64 inputs/outputs (I/Os)

The "STI44" in the part number refers to the package type, which is a 44-pin Thin Quad Flat Pack (TQFP) package.

The "-7" at the end of the part number indicates that it is rated for operation at a maximum frequency of 7 MHz.

It has a total of 4,096 programmable logic elements (PLEs) and 64 I/O pins.

It has 32 dedicated input pins for clock and control signals.

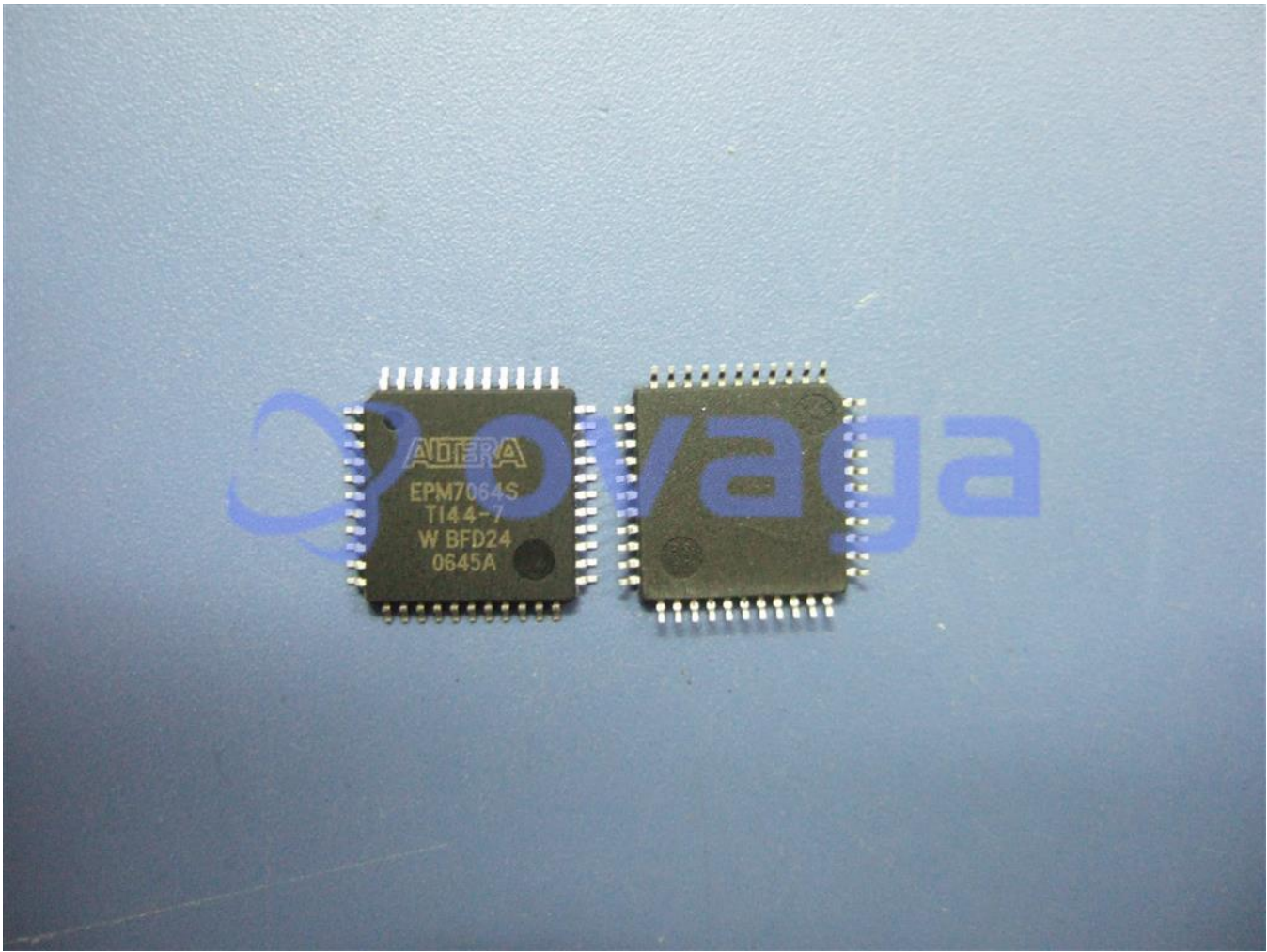
The device is programmable using the Altera MAX+PLUS II design software.

### Application

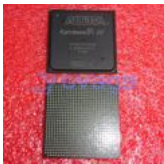
EPM7064STI44-7 is commonly used in digital circuit design, specifically in applications where there is a need for a reconfigurable logic device.

It can be used in a wide range of applications, including telecommunications, data processing, and control systems.

It can also be used in a variety of industrial, automotive, and aerospace applications.



## Related Products



### [EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



### [EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



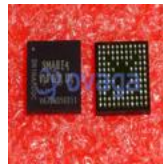
### [EP2C35F672C8N](#)

Altera Corporation (Intel)  
FBGA-672



### [EP2C35F484C7N](#)

Altera Corporation (Intel)  
FBGA-484



### [EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



### [EPM570F256C5N](#)

Altera Corporation (Intel)  
FBGA-256



### [EPM7128AETC100-10](#)

Altera Corporation (Intel)  
TQFP-100



### [EP2C35F484I8N](#)

Altera Corporation (Intel)  
FBGA-484