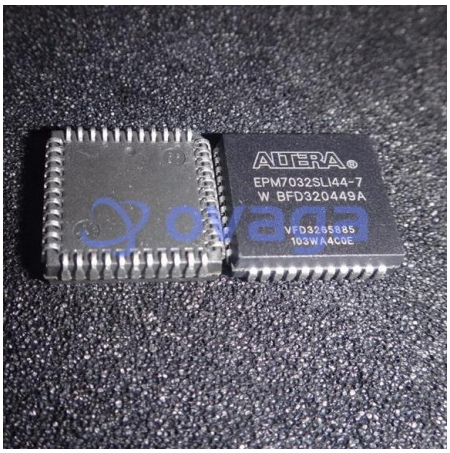
EPM7032SLI44-7

Data Sheet

CPLD MAX? 7000S Family 600 Gates 32 Macro Cells 116.3MHz 5V 44-Pin PLCC Tube

Manufacturers	Altera Corporation (Intel)
Package/Case	PLCC44
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EPM7032SLI44-7 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

EPM7032SLI44-7 is a specific type of programmable logic device (PLD) manufactured by Intel (previously known as Altera). It is a member of the MAX 7000 series of PLDs and features 32 macrocells, which can be used to implement logic functions, arithmetic operations, and state machines.

Features

32 macrocells with 32 product terms each

32 input pins and 32 output pins

Operating voltage range of 4.75V to 5.25V

Low-power standby mode with less than 10µA typical current consumption

In-system programmable through the Joint Test Action Group (JTAG) interface

High-reliability, non-volatile design with no requirement for external programming voltage or power supply during programming

Application

Logic control and sequencing

Data encryption and decryption

Data compression and decompression

Address decoding and routing

Signal processing and filtering

Motor control and power management

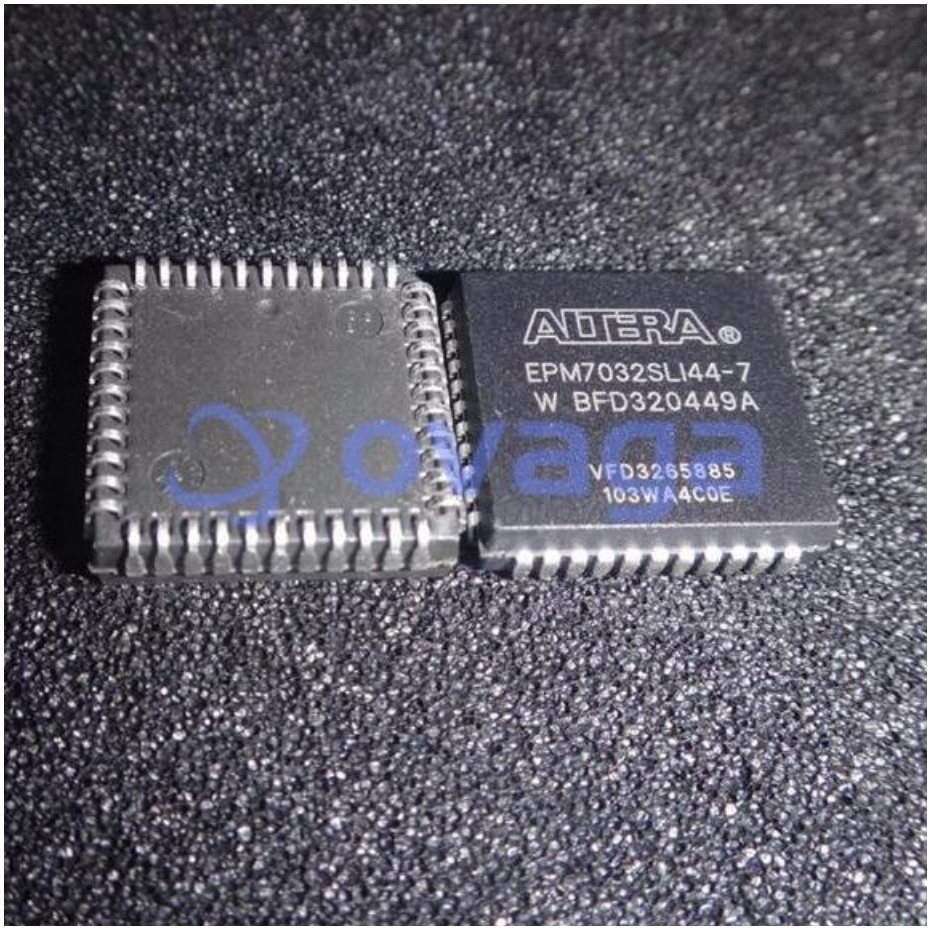
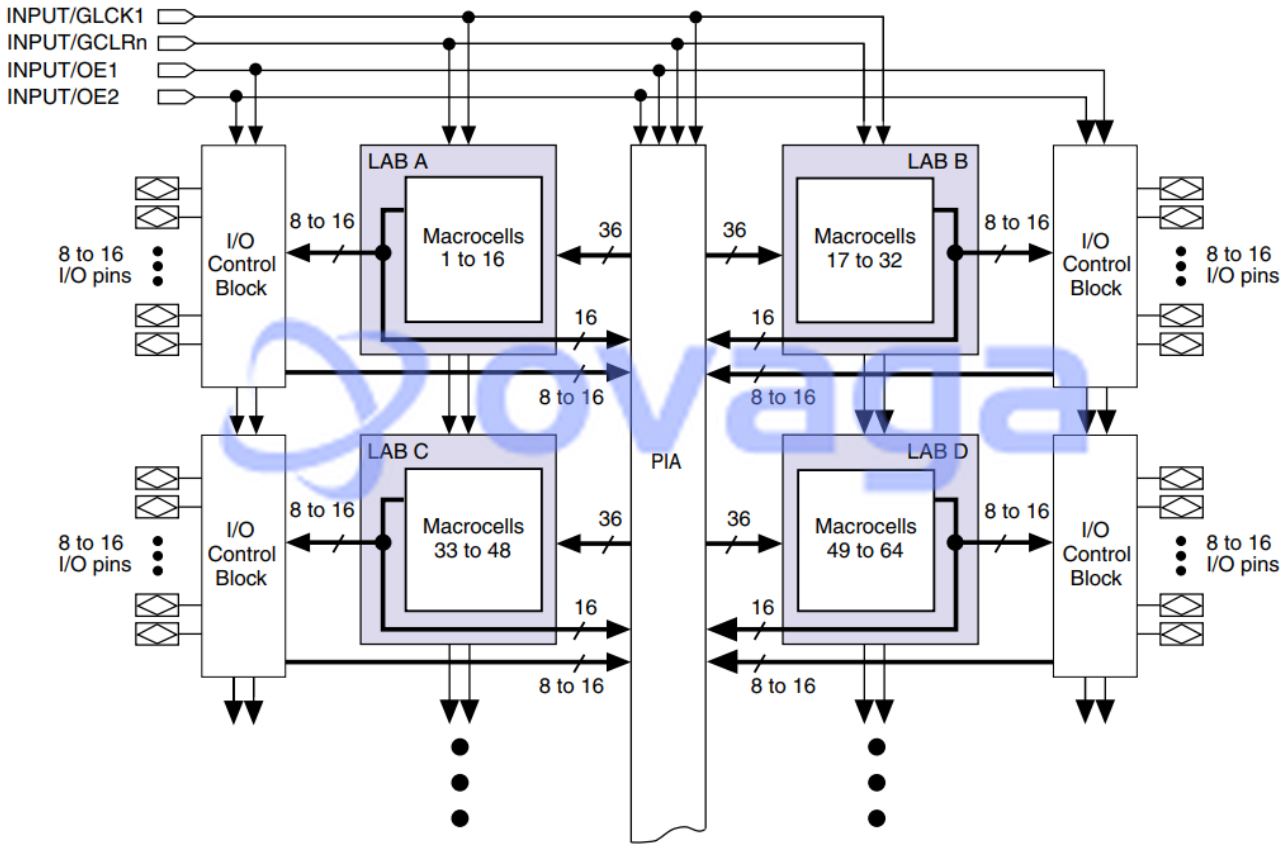
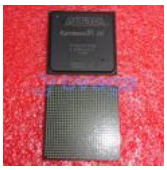


Figure 1. EPM7032, EPM7064 & EPM7096 Device Block Diagram





[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