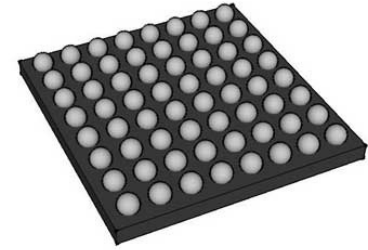


Enhanced Configuration Flash



Images are for reference only

[Inquiry](#)

Manufacturer:	Intel Corp
Package/Case:	BGA
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

General Description

The EPC16UI88AA is a programmable logic device that contains an array of logic elements, interconnects, and I/O blocks that can be configured by the user to perform various digital logic functions. As a CPLD, it is designed for applications that require medium-scale logic integration with low power consumption.

Key Features

Logic Capacity: The "16" in the part number indicates that the FPGA has approximately 16,000 logic elements (equivalent to 16,000 4-input lookup tables or LUTs). This defines its logic capacity and determines the complexity of the digital circuits it can implement.

I/O Count: The "UI88" in the part number indicates that the FPGA has 88 user I/O pins available for interfacing with external devices or other components in a system.

Non-Volatile: The MAX II CPLDs are non-volatile, which means that their configuration data remains intact even when power is removed. This feature eliminates the need for external configuration memory during power-up.

Low Power Consumption: The MAX II CPLDs are designed for low power operation, making them suitable for battery-powered and power-sensitive applications.

In-System Programmable: The EPC16UI88AA FPGA can be programmed in-system, allowing for in-field updates and reconfigurations without removing the device from the circuit board.

Application

- Industrial Automation
- Communication Systems
- Consumer Electronics
- Automotive Electronics
- Embedded Systems

Recommended For You

EPM3256AQC208-10N	EPCQ32ASI8N	EPCQ32SI8N
Intel Corp	Intel Corp	Intel Corp
QFP208	SOP8	SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC2T132

Intel Corp

QFP

EPM7128STC100-15N

Intel Corp

QFP100

EP1C6Q240I7N

Intel Corp

QFP240

EPCQ128SI16N

Intel Corp

SOP16

EPM7128SLC84-15N

Intel Corp

PLCC

EPC1213PC8

Intel Corp

DIP8

EP1K30TC144-3N

Intel Corp

QFP

EPCS1S18

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC