


**CPLD MAX® 3000A Family 600 Gates 32 Macro Cells 227.3MHz
3.3V 44-Pin TQFP Tray**



Images are for reference only

[Inquiry](#)

Manufacturer:	Intel Corp
Package/Case:	QFP44
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete

General Description

CPLDs are programmable logic devices used to implement custom digital logic designs. The EPM3032ATC44-4N is a member of the MAX 3000A series, which offers a low-cost, high-performance solution for various digital logic applications.

Key Features

- CMOS EEPROM-based programmable logic devices (PLDs) built on a MAX® architecture
- Built-in boundary-scan test (BST) circuitry compliant with IEEE Std. 1149.1-1990
- Enhanced ISP features
- 4.5ns Pin-to-pin logic delays with counter frequencies of up to 227.3MHz
- Hot-socketing support
- Programmable interconnect array (PIA) continuous routing structure for fast, predictable performance
- Industrial temperature range
- PCI Compatible
- Bus-friendly architecture including programmable slew-rate control
- Open-drain output option
- Programmable macrocell flip-flops with individual clear, preset, clock and clock enable controls
- Configurable expander product-term distribution, allowing up to 32 product terms per macrocell
- Programmable security bit for protection of proprietary designs

Application

- Glue Logic
- Control Logic
- State Machines
- Bus Interface
- Signal Processing
- System Configuration

Recommended For You

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC2II32

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

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PLCC