

**FPGA ACEX 1K Family 50K Gates 2880 Cells 166.67MHz 0.22um
Technology 2.5V 208-Pin PQFP**



Images are for reference only

Manufacturer:	Intel Corp
Package/Case:	QFP208
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

[Inquiry](#)

General Description

EP1K50QC208-3 is a specific model of the Altera Cyclone FPGA (Field-Programmable Gate Array) family. It is a high-density, low-cost, and low-power device designed for a wide range of applications.

Key Features

- 50,000 logic elements (LEs)
- 3.3V core voltage
- 208-pin Quad Flat Package (QFP)
- 332 user I/Os
- 1.5 ns maximum delay performance
- 378Kbits of embedded memory
- Up to 266 MHz internal performance

Application

- Industrial control systems
- Automotive electronics
- Communications
- Medical equipment
- Audio and video processing
- High-speed data processing
- Robotics



Recommended For You

EPMB3256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

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

EPC1P18N

Intel Corp

DIP8

EPC2L120N

Intel Corp

PLCC