

# Microprocessor integrated circuits.

## - - Microprocessor



Description: -

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## What are the 5 Generations of Computers?

When a P region touches an N region, the boundary between them is referred to as a PN junction. As these small computers became more powerful, they could be linked together to form networks, which eventually led to the development of the Internet.

## Integrated Circuits

The invention of the transistor in 1948 eliminated the need for bulky vacuum tubes in computers, televisions, and other electronic devices. The larger, more recent microprocessor families have gradually acquired most of the features of large computers.

## Microprocessor Chips

Sun Microsystems has released the and chips, both of which feature an eight-core design. Sensors Modern digital sensors, like temperature sensors, , and all come packed into an integrated circuit.

6502,65C02,65C816,65C22,65C21,65C134,65C265

However, the transistors and other parts of the circuit were made separately and then had to be wired together—a difficult task that became even more difficult as circuit components became smaller and more numerous. The company Advanced Machines only sells IP cores, making it a.

## Integrated Circuit Definition

On the other side of the call I think the circuit works in reverse — or another device is used to convert the digital signal back to analog again. An ASIC does not contain any ability to follow alternate instructions. This was one of the design's few wins, and it disappeared in the late 1980s.

## Digital Integrated Circuits

A , that is combined with memory and special-purpose chips and preprogrammed by software. If power is cut, the information stored in the memory circuit is lost.



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