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MICROPROCESSORS AND MICROCONTROLLERS: ARCHITECTURE :

The Microprocessor-based systems are relatively expensive due to the need for external RAM, ROM, etc. while the microcontroller is a single inexpensive chip that can perform the task on its own. Differences based on Limited and Upgradeable Memory

Difference Between Microprocessor and Microcontroller

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Microprocessor and Microcontroller (MPMC) Pdf Notes – SW

A microcontroller is a computer on a chip in which many support devices like RAM, ROM, timers, counters, I/O peripherals are fixed in one IC. Most of the microcontrollers uses RISC architecture. But, some microcontrollers like 8051, Motorola uses CISC architecture. Microcontrollers is mainly designed to control specific electronic applications.

Difference Between Microprocessor and Microcontroller

A microprocessor is a multipurpose, programmable, clock-driven, register-based electronic device that reads binary instructions from a storage device called memory, accepts binary data as input and processes data according to those instructions and provide results as output.

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Microprocessor – Wikipedia

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