

Distinguish, differentiate, compare and explain what is the main difference Between ARM7 and 8051 Microcontroller. Comparison and Differences.

## **Difference Between ARM7 and 8051 Microcontroller**

1. ARM7 is based on RISC Architecture. 8051 Microcontroller is based on CISC Architecture.
2. ARM7 is Have less number of Instruction. 8051 Microcontroller have the number of instruction.
3. ARM7 executes all instruction in one cycle. 8051 Microcontroller executes an instruction in more than one cycle.
4. ARM7 is more reliable. 8051 Microcontroller is Less Reliable.
5. ARM7 has 32 bits controller. 8051 Microcontroller is an 8 Bit controller.

Steady Run