

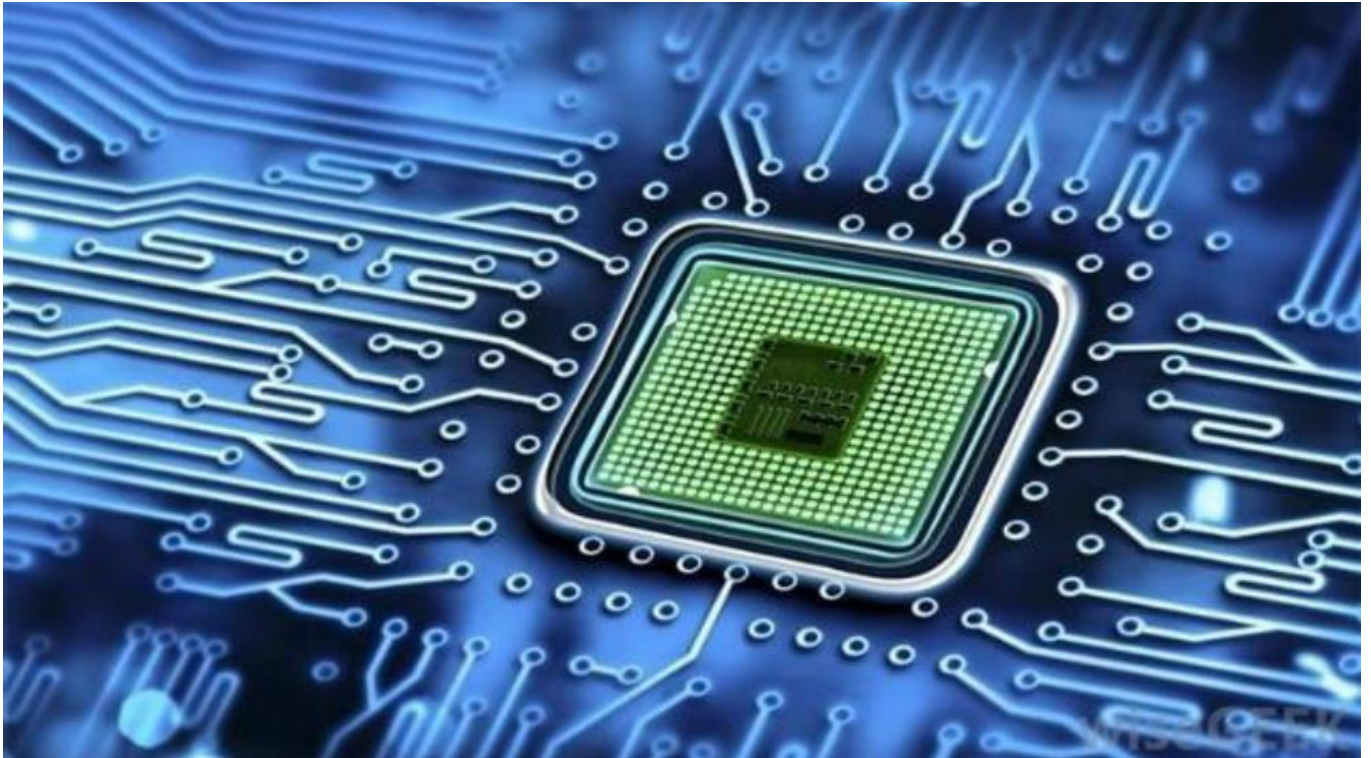


جامعة الفرات الاوسط التقنية

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الكلية التقنية الهندسية /نجف
هندسة تقنيات الليزر والالكترونيات البصرية

مختبر معالج دقيق



Exp. No: 7

Exp. Name: Arithmetic group (subtraction)

Experiment No.:- 7**Experiment Name: Arithmetic group.****AIM: subtraction two number (16- bit).****Theory:**

Subtraction - Any 16-bit number, or the contents of a register or the contents of a memory location can be subtracted to the contents of the accumulator and the result is stored in the accumulator. The content of the registers can't be subtracted directly (e.g., the contents of register B cannot be subtracted directly to the contents of the register C).we can't subtract tow 16-bit numbers immediately we need to split the number in to two parts (8-bit number) to be subtracted.