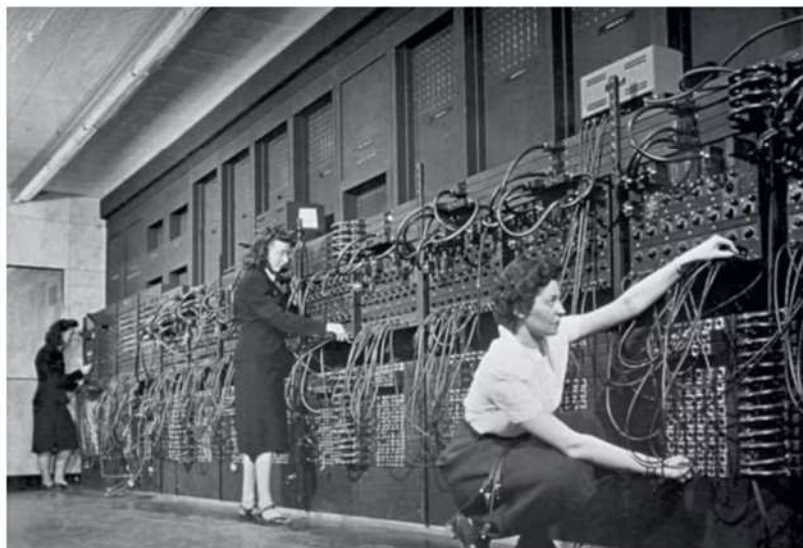
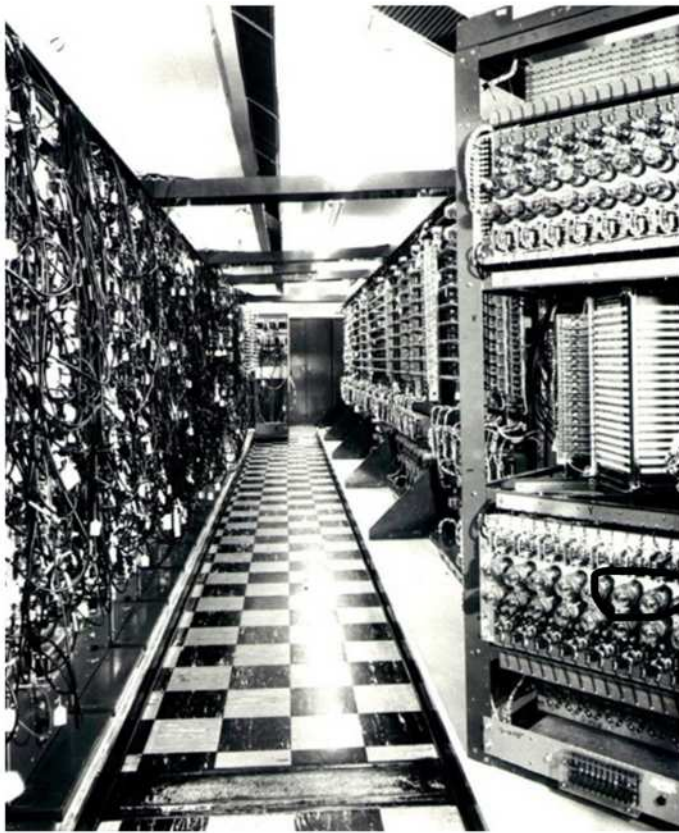
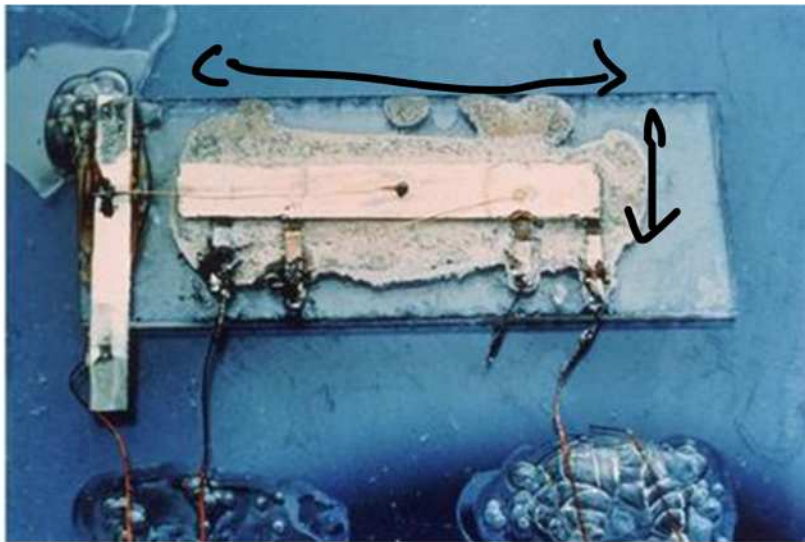
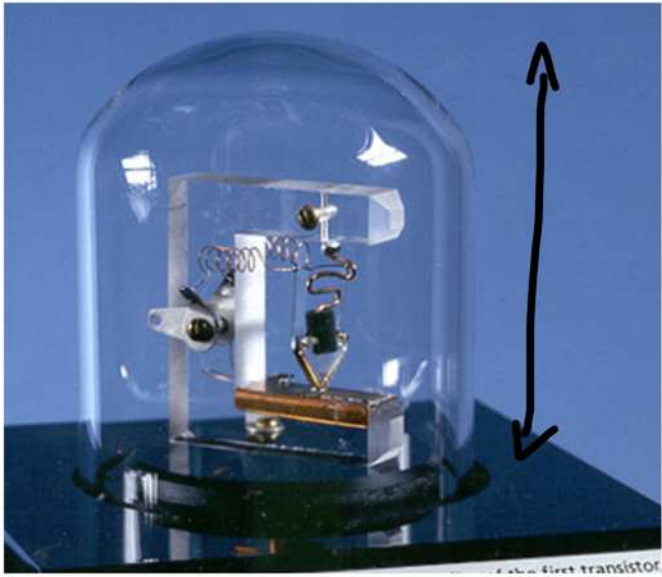




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Integrated
Circuit

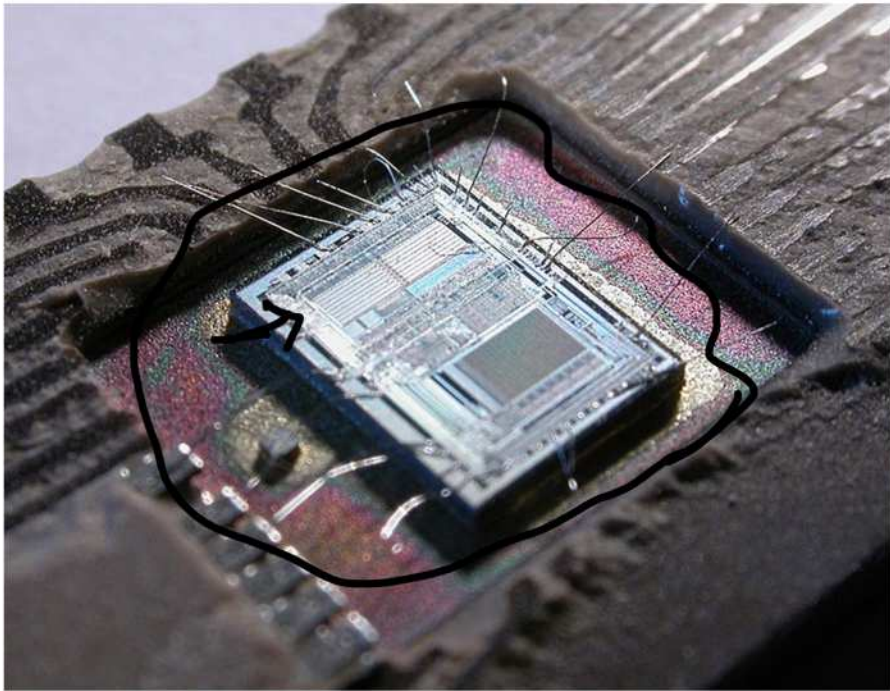
← 1958

Jack Kilby

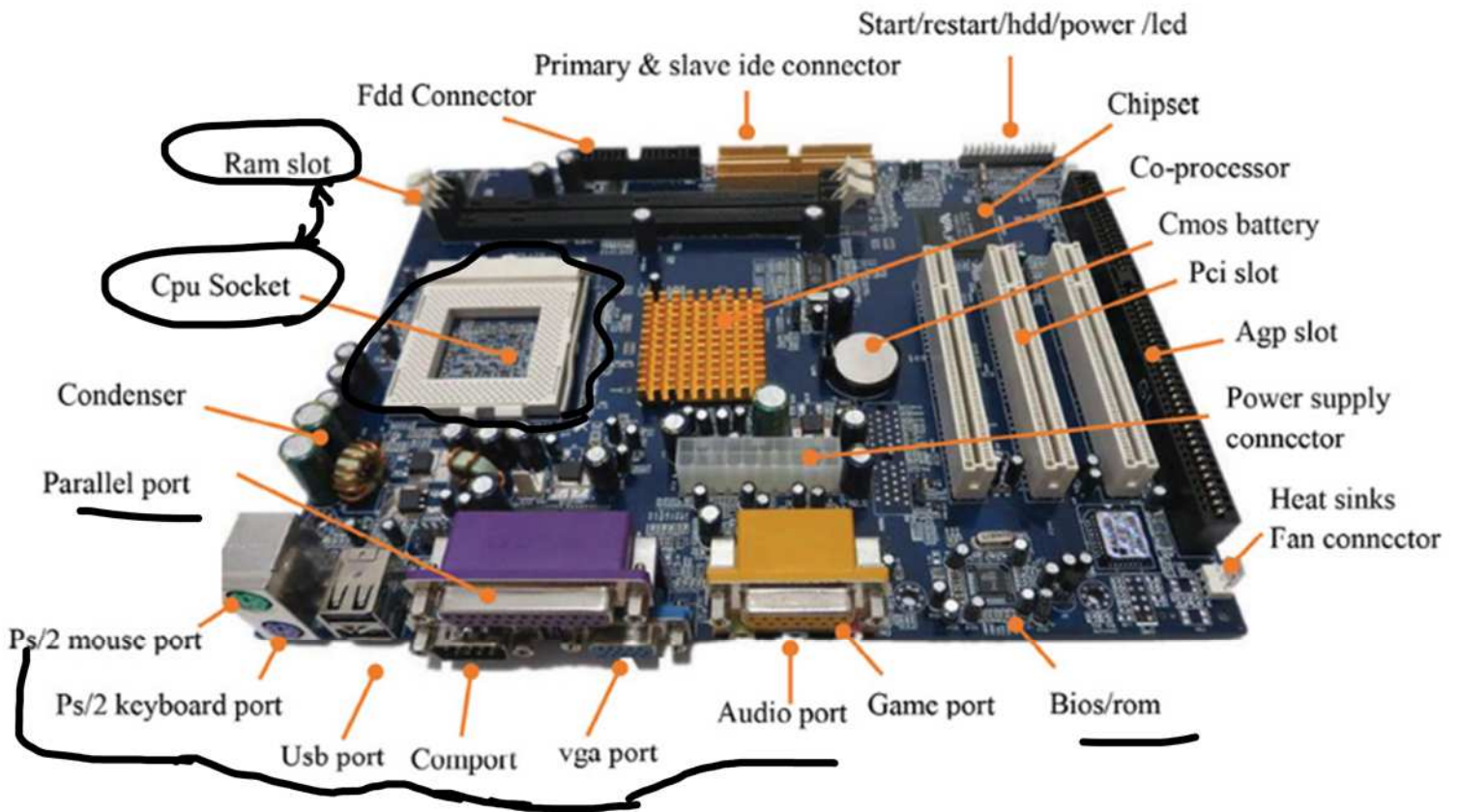


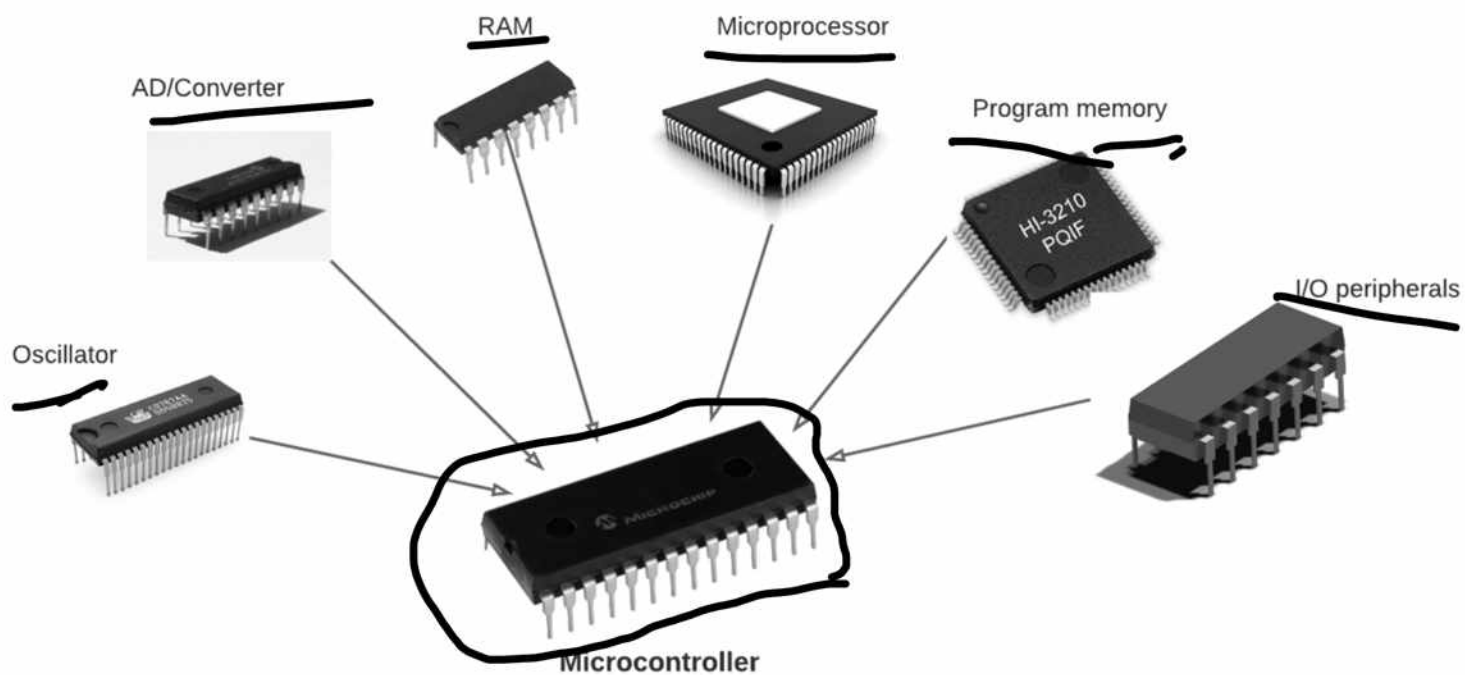
←
Computer

→ 1960

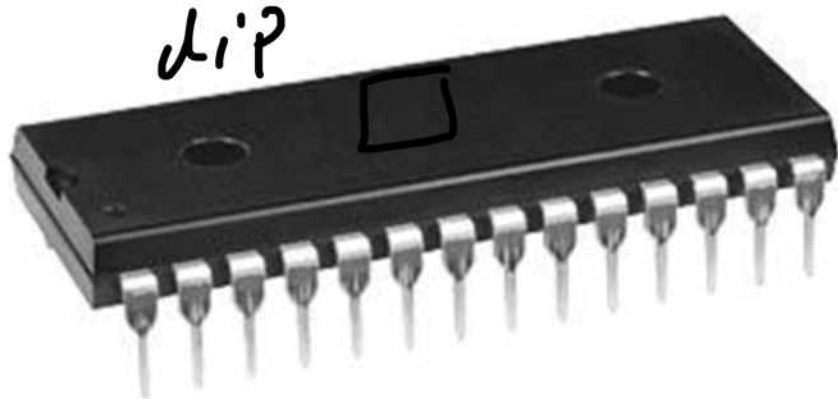


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3 n

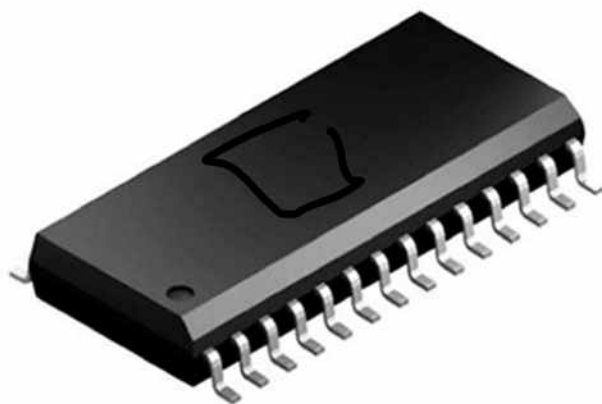




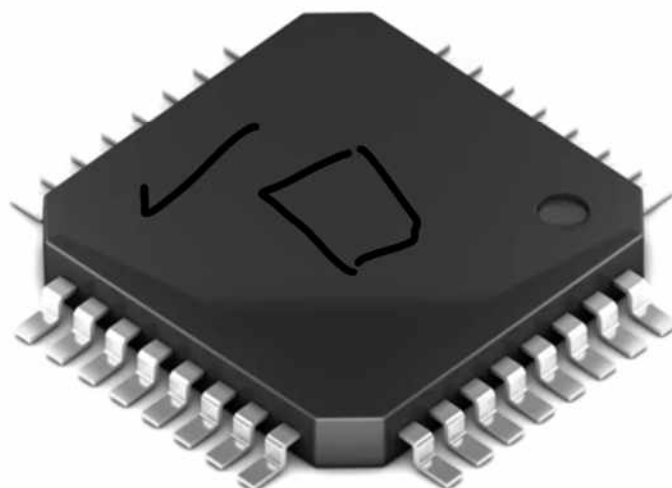
DIP

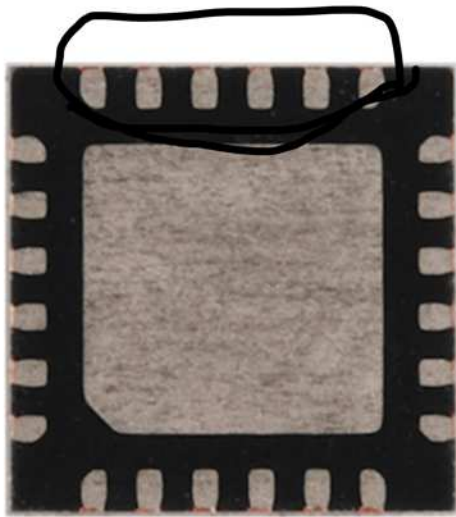


SMD

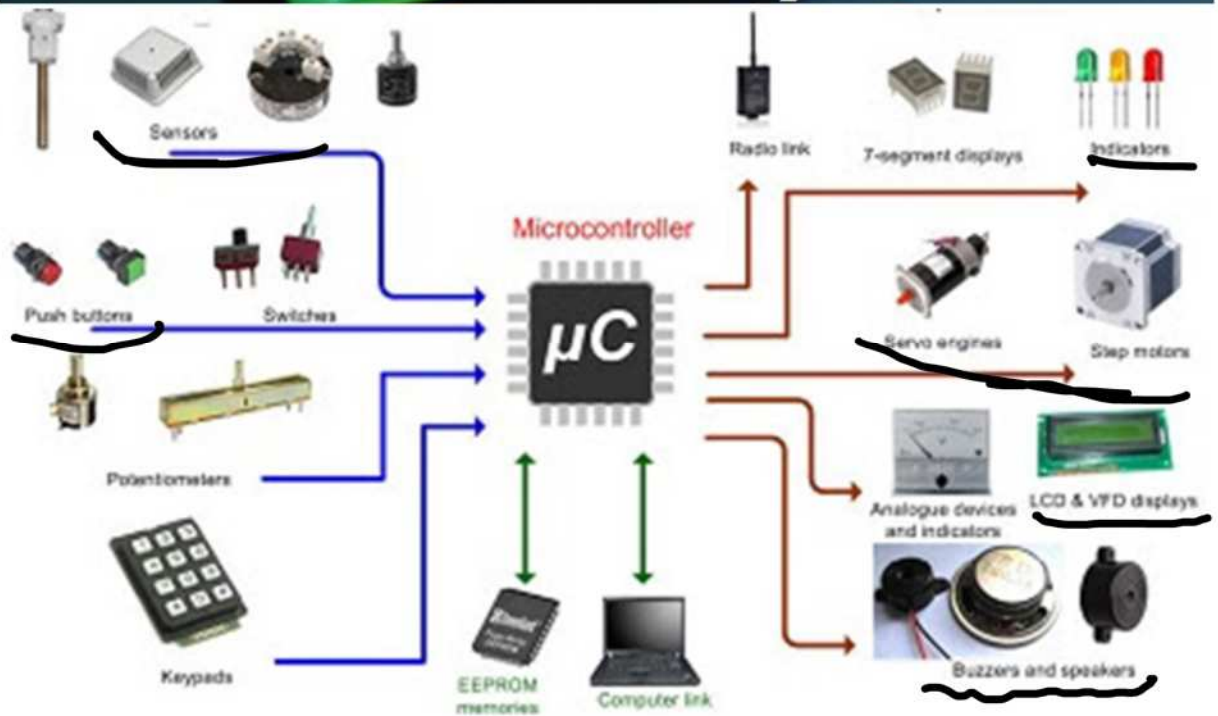
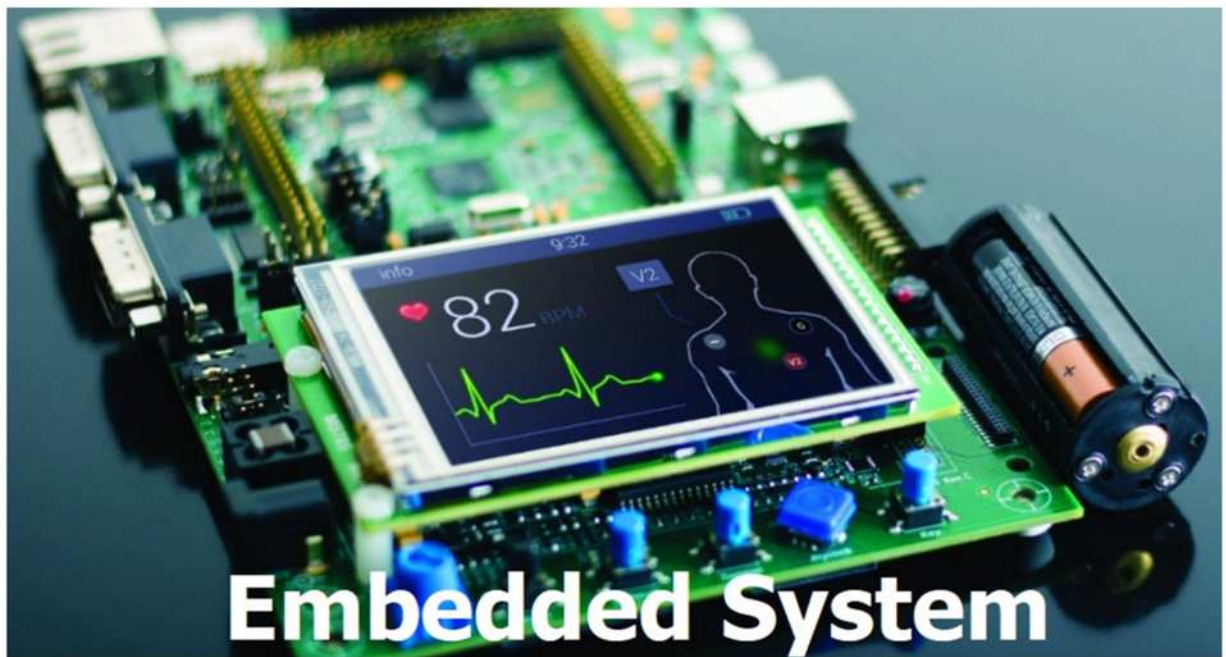
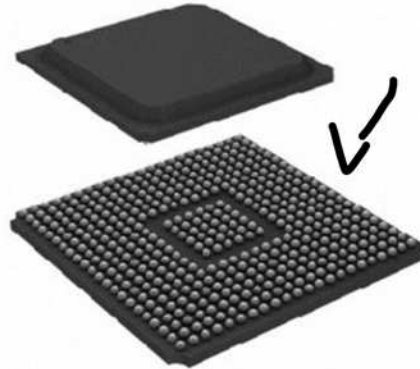


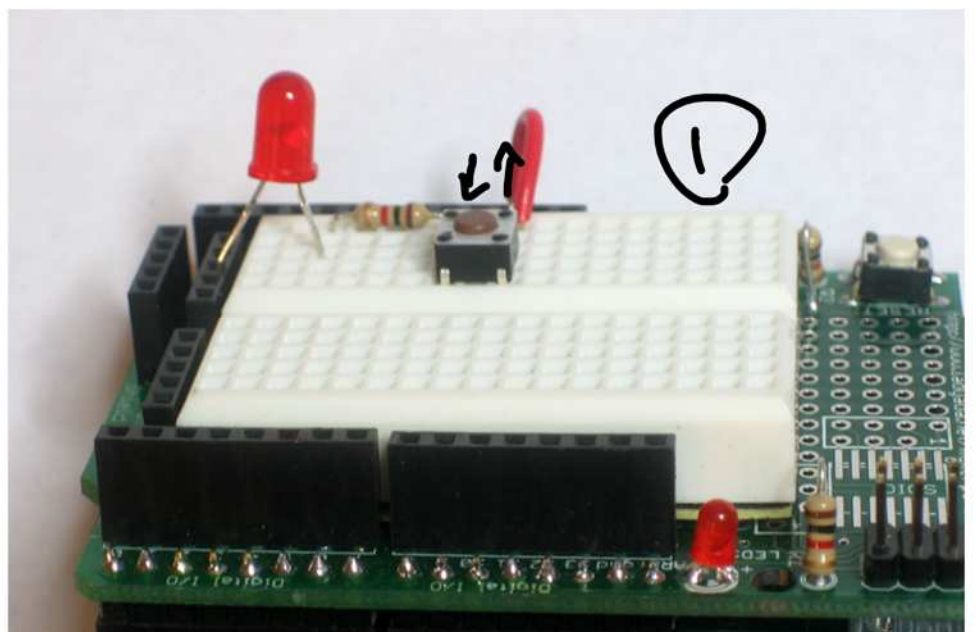
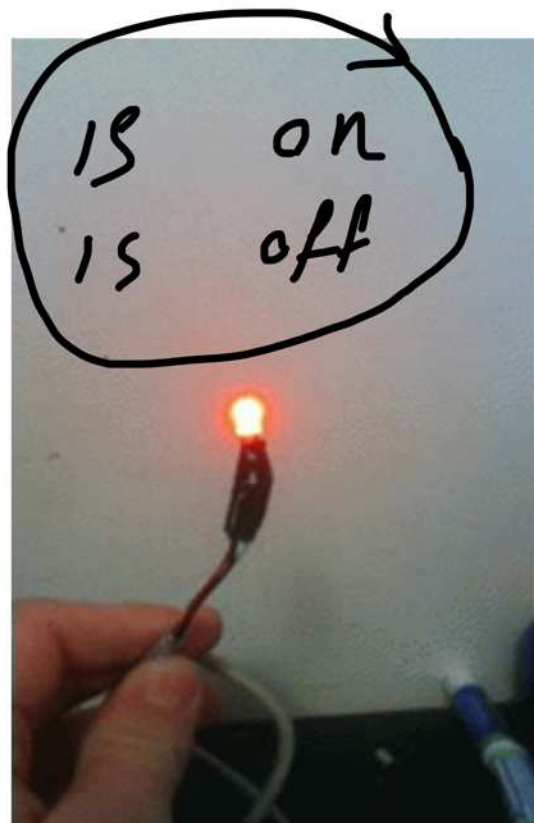
RAM

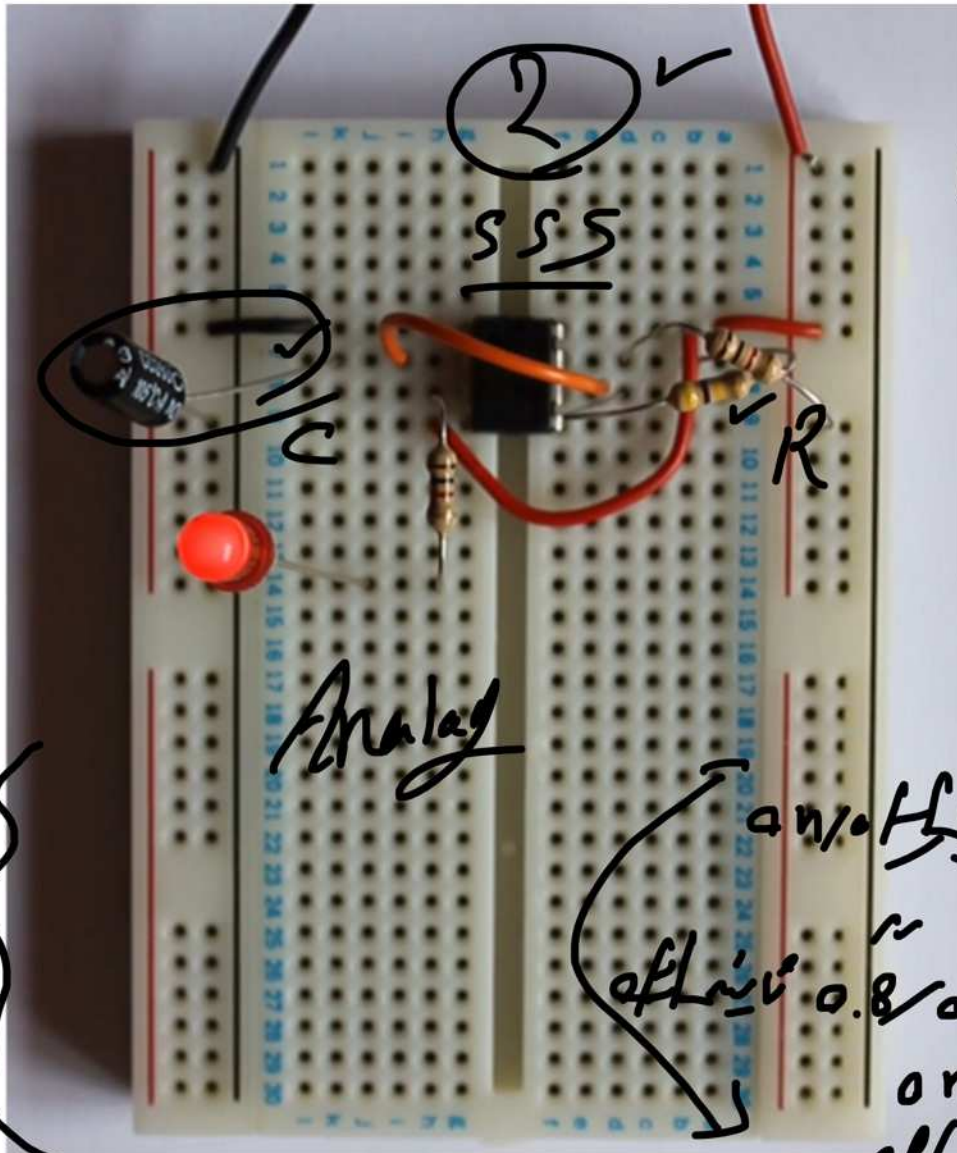




BGA



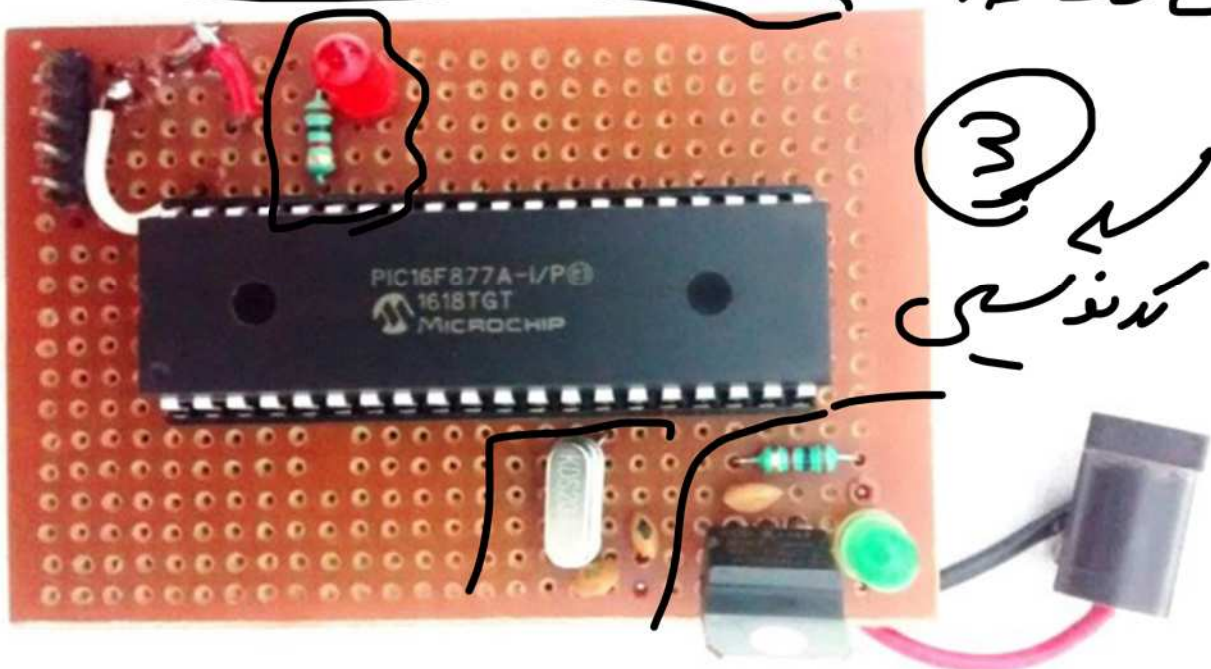




1 Sec on/off
0.5 Sec

هزینه
زمان
پیشگیری ✓

5 بار 1 ثانیه سبز روشن
2 بار 0.5 ثانیه ~
3 بار 0.2 ثانیه ~
تا 3 سالته on
1 سالته



3
کدنویسی