[**Clock:**](https://www.youtube.com/watch?v=XizNo5aafIs&list=PLk4sSigu0N0W4v755N_O6Jk1WWrfWIGgm&index=4)

The SAP-1 computer's clock acts as a timing device that generates consistent, rhythmic pulses to synchronize the functions of different elements, such as the CPU, memory, and input/output devices. Its role is to guarantee that all computer operations happen in an organized and coordinated fashion.

Within the SAP-1 computer, a clock generator circuit is responsible for producing and managing the clock signal. This circuit generates a sequence of pulses at the specified frequency.

A diagram of a clock

Description automatically generatedA diagram of a circuit

Description automatically generated