

Johnson Counter

It is an example of synchronous counter. In the counter, the complemented output of last flip flop is connected to input of first flip flop and to implement 8-list Johnson counter we require 8 flip-flops. It is one of the most important type of shift register counter. It is formed by the feedback of the output to its own input. Johnson Counter is a sung with an inversion.

In our 8 list Johnson counter, the number of used states = number of unused states outh Table reset = 0 (CP) Clock Period

