(a) Circuit
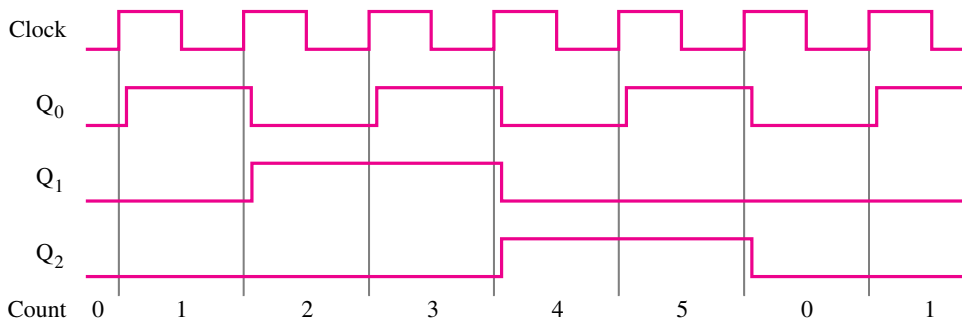
(b) Timing diagram

Figure 5.25   A modulo-6 counter with synchronous reset.