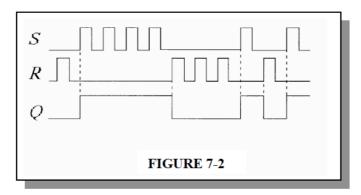
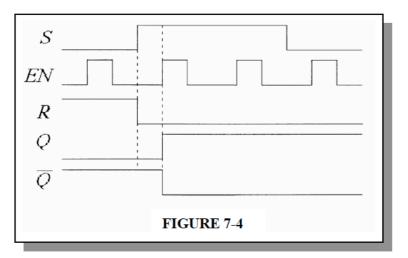
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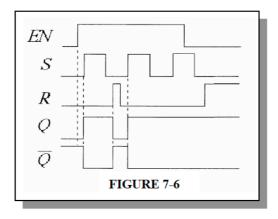
2. See Figure 7-2.



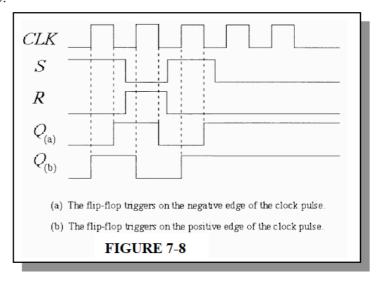
4. See Figure 7-4.



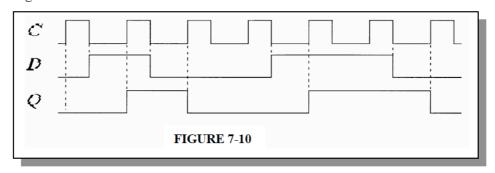
6. See Figure 7-6.



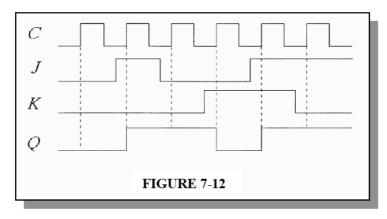
8. See Figure 7-8.



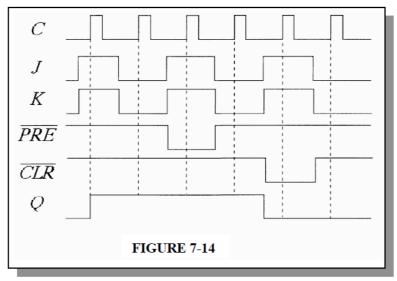
10. See Figure 7-10.



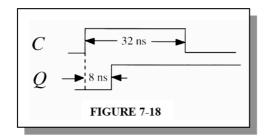
12. See Figure 7-12.

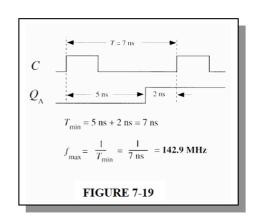


14. See Figure 7-14.



22. See Figure 7-18.





24. See Figure 7-19.

28.
$$R_X = \frac{t_W}{RC_{\text{EXT}}} - 0.7 = \frac{5000 \text{ ns}}{0.32 \times 10,000 \text{ pF}} - 0.7 = 1.56 \text{ k}\Omega$$

30.
$$f = \frac{1}{0.7(R_1 + 2R_2)C_2} = \frac{1}{0.7(1000 \Omega + 2200 \Omega)(0.01 \mu\text{F})} = 44.6 \text{ kHz}$$