

1 Communication Channel

In the Ultra High Frequency band (UHF) at 2.4GHz
Resolution: 2048 (DAC-ADC?)

1. Frequency Hopping Spread Spectrums (pg. 802)
 - Between 1-74 hops
2. Direct Sequence Spread Spectrum (pg. 765)

2 Block Diagrams

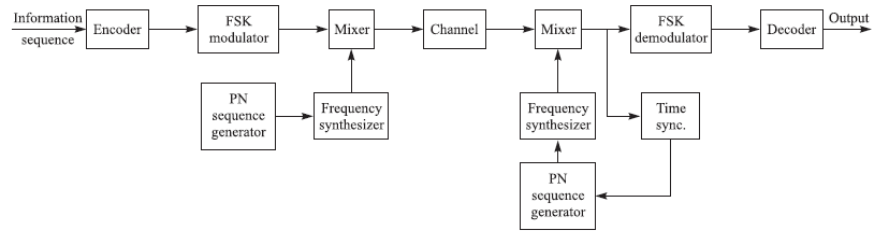
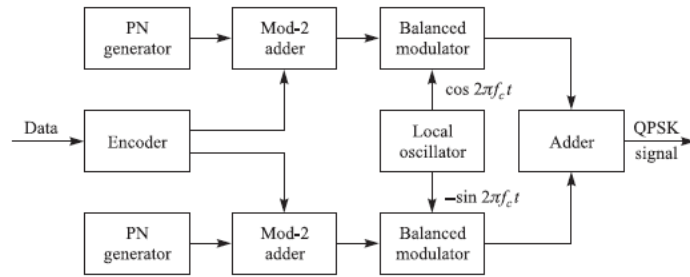


FIGURE 12.3–2
Block diagram of an FH spread spectrum system.



(b) DS-QPSK modulator

FIGURE 12.2–1
The PN and data signals (a) and the QPSK modulator (b) for a DS spread spectrum system.