

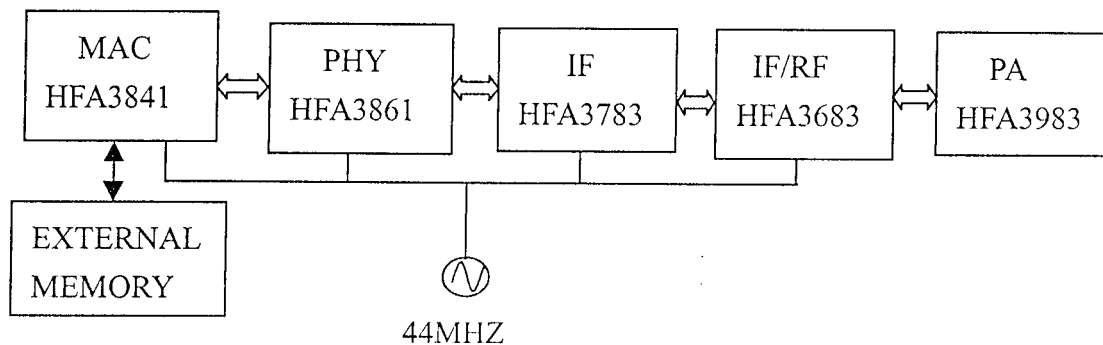
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## Block Diagram

11 CW DSS TX/RX

2400 ~ 2483.5 MHz

Part 15.247



- MAC Controller (HFA3841)
  - ⇒ To support MAC protocol of IEEE 802.11 standards
  - ⇒ To support the interface of PC Card standard (PCMCIA V2.1)
- External Memory
  - ⇒ Volatile memory: 128k\*8\*2 SRAM
  - ⇒ Non-volatile memory: 128k\*8 Flash
- PHY Transceiver (HFA3861)
  - ⇒ Direct Sequence Spread Spectrum Baseband Processor
- IF (HFA3783)
  - ⇒ I/Q Channel Modulation and Demodulation
- IF/RF (HFA3683)
  - ⇒ LNA and Mixer
- PA (HFA3983)