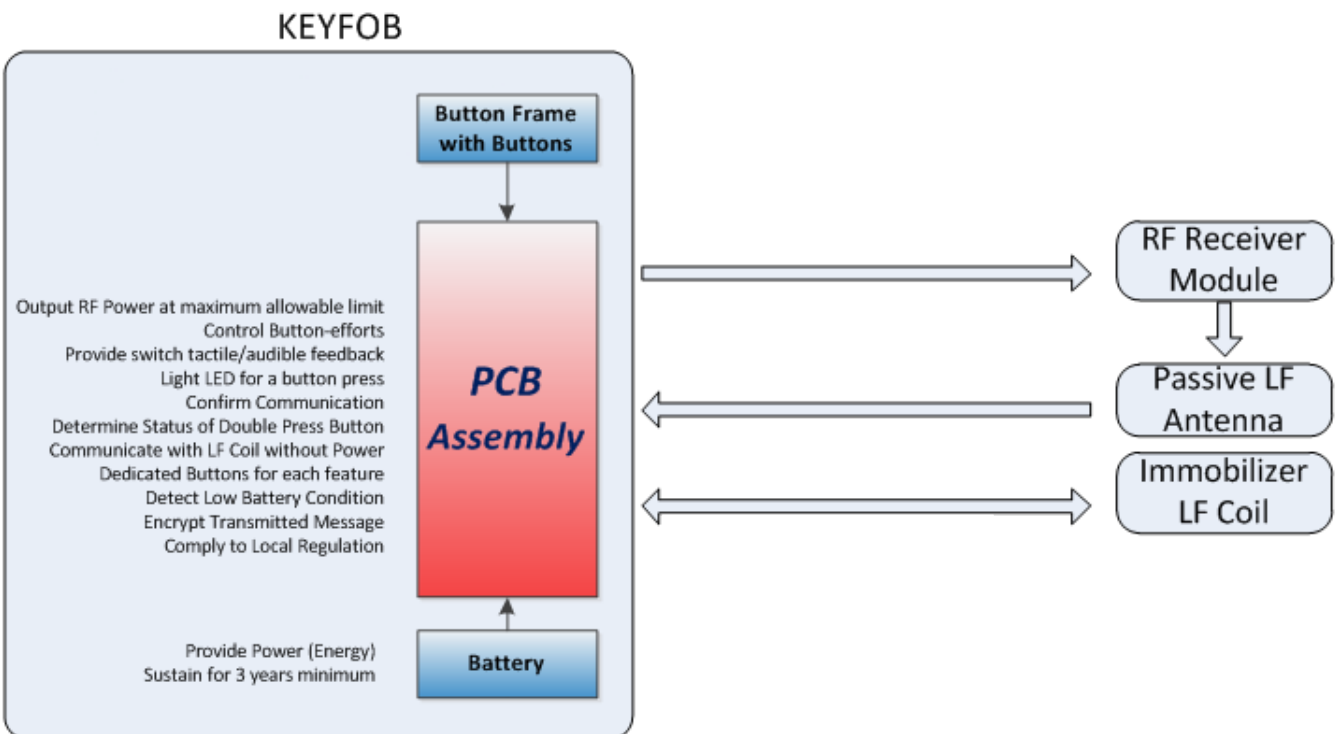


The Keyfob has the following top-level functions:

1. Process a user request (button push) and transmit that request via RF (UHF@433.92MHz) to the receiver (RKE).
2. Process an incoming LF message(@125KHz) from the RF Hub and respond to the message via RF (PEKG).
3. Process an incoming LF message when the Keyfob has a dead battery by harvesting the LF energy and responding via LF (Immobilizer).

The following diagram illustrates those high-level functions plus the secondary functions.



Keyfob Functional Diagram