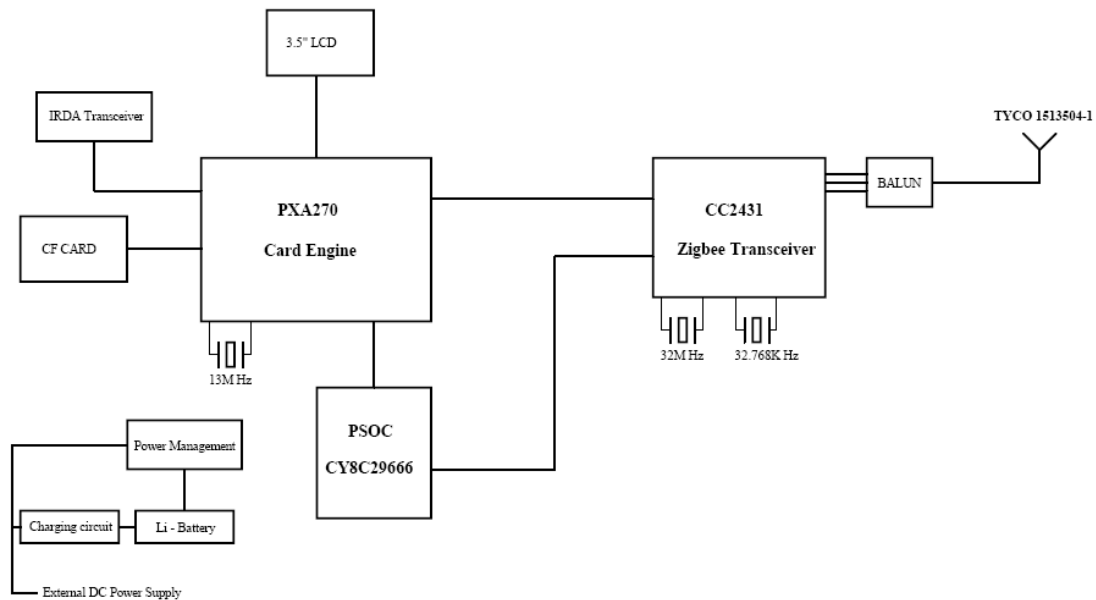


Operation Description



HUB Block Diagram

1. CPU: According the oscillation time base, receive the RF modulator single and command and sent the command and single to RF modulator. Make sure the data and single is right to receive and sent!
2. LCD: Shows all information from HUB or Receiver.
3. PSOC: System management micro controller, PSOC controls CPU and RF module, receive signal and command to them.
4. LCD: Display is set up for 6 O'clock viewing. It is TBD whether it will need to be rotated 180 in the housing or not - depends on still fluid ID and use model.
5. Oscillation: supply the base time to CPU.
6. Key and stick: the input key and stick single to CPU, then CPU sent the data to receiver.
7. Power: supply the power to HUB.
8. RF: sent the data to receiver or receive the data from receiver.