

1. Cold brew coffee analyzer
  - uses infrared to detect chemical content.
  - Allows cold brew coffee to steep for just the right amount of time without over-steeping or under-steeping.
2. \$25.99
3. A cheap AVR or PIC may work. Not sure.
4. Analog to digital converter. A clock that can sample fast enough to get a good wave result. Low power mode so the device can be battery powered (The device will likely be in the refrigerator).
5. Analog to Digital converter. Watchdog timer. infrared sensor.
6. Single PCB holding the microcontroller and the peripheral infrared sensor.
7. microcontroller.