* Set Freq. 80MHz
* Setup ADC
* Setup EEPROM
* SLEEPING := 0
* While TRUE
  + Read CHARGER & KEY w/ COG0
  + If CHARGER
    - If SLEEPING == 1
      * Set Freq. 80MHz
      * Start ADC (Because it requires another cog)
      * SLEEPING := 0
    - Zero ADC
    - Power up 15V
    - While CHARGER
      * Integrate
      * EEPROM Write
  + Else if KEY
    - If SLEEPING == 1
      * Set Freq. 80MHz
      * Start ADC
      * Wake CAN
      * SLEEPING := 0
    - Setup CAN connection (call the object’s init method)
    - Setup LCD
    - Zero ADC\*\*
    - While KEY
      * Read CAN
      * Integrate
      * EEPROM Write
      * Update LCD
  + If SLEEPING == 0
    - Sleep CAN
    - Stop CAN driver
    - Stop ADC
    - Sleep LCD
    - COGSTOP(1-7)
    - Set Freq. 5MHz
    - SLEEPING := 1