**Hardware**

**Connections**

* The Factory Controller and the OpenPAYGO Controller communicate through the UART connection of the Arduino, whatever model you use
* If the Arduino used as an OpenPAYGO controller is an Arduino Pro Mini 3,3V, set the baud rate to 4800, otherwise 9600

**Software**

**Functions**

* Sends through UART the Secret Key, the serial number and the starting code (1s delay between each) as follow:
  + #SN 123456789 [input is a uint32\_t]
  + #SK 12 34 56 78 9a a5 b6 c5 d8 d8 d8 d8 d8 d8 d8 d8 [input is a unsigned char[16] printed in hexadecimals]
  + #SC 123456789 [input is a uint32\_t]
* Blinks three times once it has been sent

**Comments**

* The space between the “:” and the first character must be included
* Careful to not include space after the code as it will be understood as a regular character
* Serial number can be less than 9 digits