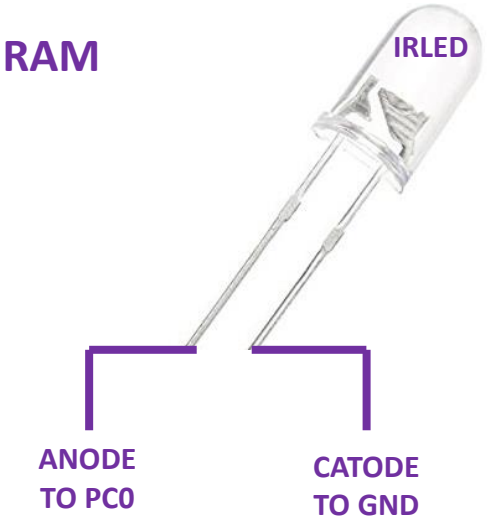
WIRING DIAGRAM

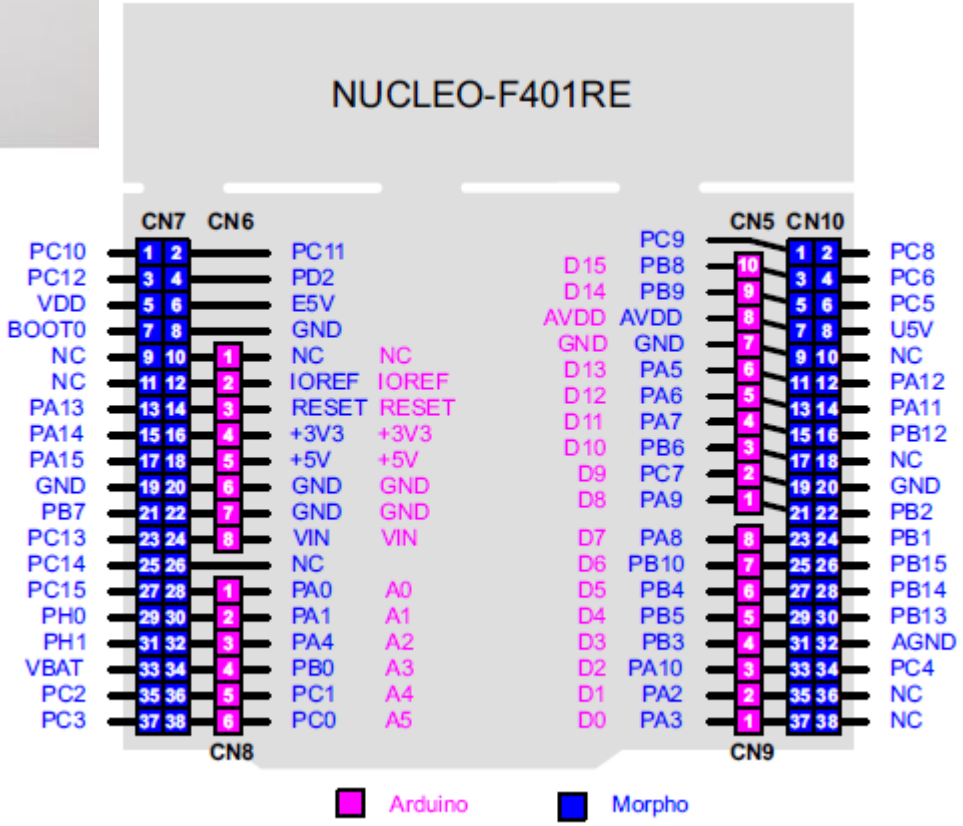
CITROEN STEERING WHEEL COMMANDS FRONT

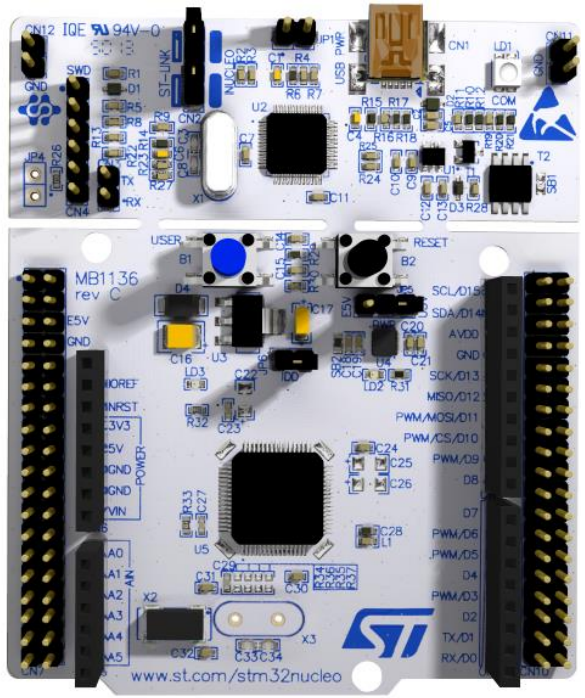
Added on the rear a button
for TEL
Between com and pc2

CITROEN STEERING
WHEEL COMMANDS
REAR

pc5 pc1 pc6 pc7 pc2
pc3 pc4 3v3 pc8







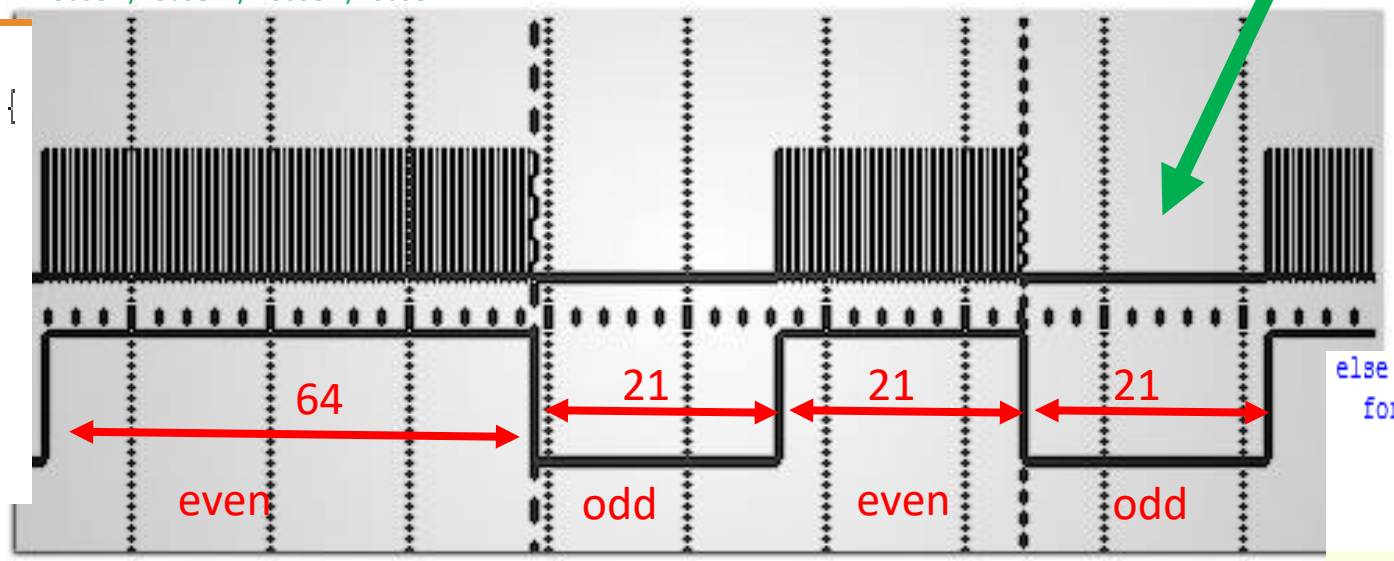
CREATE THE INFRARED WAVEFORM

if the position of BIT in ARRAYSEND is even, turn on/off the IRLED and BOARD LED following a 38000Hz modulation(13usON/13usOFF) for a number of cicles = BIT value

if the position of BIT in ARRAYSEND is odd, turn off the IRLED and BOARD LED following a 38000Hz modulation(13us+13us=26us OFF) for a number of cicles = BIT value

13usON/13usOFF/ 13usON/13usOFF……..

```
if ( BIT % 2==0) {
for (n =1; n <= ARRAY_SEND[BIT]; n++){
          myled =1;
         led =1;
          wait_us (13);
         myled =0;
         led =0;
         wait_us (13);
          }}
```




```
else {
  for (n =1; n <= ARRAY_SEND[BIT]; n++){
          myled =0;
         led =0;
         wait_us (26);
          }}
```

```
int ARRAY_SOURCE[] = {342,171,21,64,21,21,21,21,21,64,21,64,21,64,21,21,21,64,21,21,21,64,21,64,21,21
int ARRAY_TEL[] = {342,171,21,64,21,21,21,21,21,64,21,64,21,64,21,21,21,64,21,21,21,64,21,64,21,21,21
int ARRAY_VOLUP[] = {342,171,21,64,21,21,21,21,21,64,21,64,21,64,21,21,21,64,21,21,21,64,21,64,21,21,
```