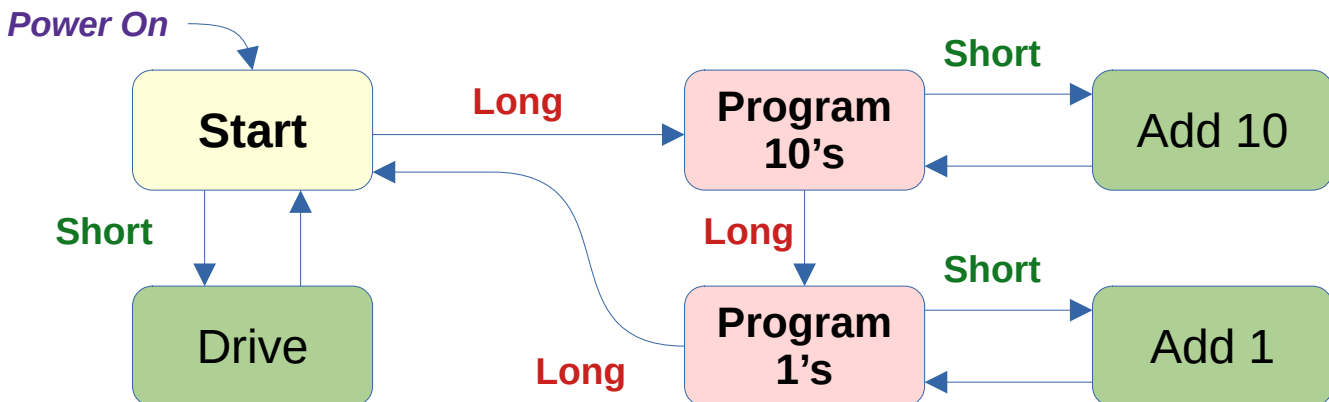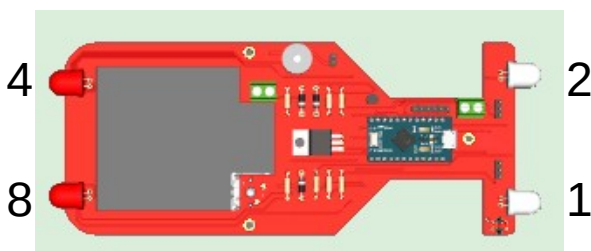# Car Test / Programming

**Initial test:** *Hold the button down, Turn on the power switch*
It should beep, blink all LEDs and twitch the motor.
Spin the right front wheel, you should hear short beeps.
If anything doesn't work, check your wiring!

**Driving:** Press the button on the bottom once
The car should beep, drive forward, and stop

Programming – you can change the distance the car runs
The distance is in wheel revolutions
Use the button on the bottom – short or long press



Current setting displayed in binary (base two) on LEDs



| Binary 8 4 2 1 | Decimal | Binary 8 4 2 1 | Decimal |
|---|---|---|---|
| 0 0 0 0 | 0 | 0 1 0 1 | 6 |
| 0 0 0 1 | 1 | 0 1 1 1 | 7 |
| 0 0 1 0 | 2 | 1 0 0 0 | 8 |
| 0 0 1 1 | 3 | 1 0 0 1 | 9 |
| 0 1 0 0 | 4 | 1 0 1 0 | 10 |
| 0 1 0 1 | 5 | | |