**Propeller Clock Project**

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| Hardware Requirements | Electronics Requirements |
| DC-Motor 12V | Hall Effect Sensor |
| 2-Batteries | 8-LEDs/Resistors |
| PCB-Board | Microcontroller (Atmega32) |
| Magnet | 2-Switches |
| Soldering Tools |  |

**Step-1 Start when the hall effect sensor (HES) reaches the magnet**

**Step-2 Draw the led strip according to the clock’s values**